









Catalogue 2016









APPLICATION





RESIDENCE

-  Led **Bulb**
-  Led **Ceiling** Lighting
-  Led **Ceiling Track** Lighting
-  Led **In-Ground** Lighting
-  Led **Pendant** Lighting
-  Led **Ceiling I Recessed Downlight**









OFFICE

-  Led **Bulb**
-  Led **Ceiling** Lighting
-  Led **Ceiling Track** Lighting
-  Led **Grid** Lighting
-  Led **Pendant** Lighting
-  Led **In-Ground** Lighting






INDUSTRY - WAREHOUSE

-  Led **Plafoniere** Lighting
-  Led **High Bay** Lighting
-  Led **Wall Washer** Lighting
-  Led **Tri-Proof** Lighting




RETAIL

-  **CanaLed** Lighting
-  Led **Tube**
-  Led **Ceiling Track** Lighting
-  Led **Bulb**
-  Led **Pendant** Lighting
-  Led **Grid** Lighting
-  Led **Ceiling I Recessed Downlight**
-  Led **In-Ground** Lighting

SCHOOL

-  Led **Pendant** Lighting
-  Led **Tube**
-  Led **Ceiling I Recessed Downlight**
-  Led **Ceiling Track** Lighting
-  Led **Grid** Lighting





HEALTHCARE

-  Led **Pendant** Lighting
-  Led **Ceiling Track** Lighting
-  Led **Tube**

STREET-TUNNEL-GARDEN

-  Led **Street I Garden** Lighting
-  Led **Tunnel** Lighting

PARKING

-  Led **Tri-Proof** Lighting
-  Led **Tube**
-  Led **In-Ground** Lighting
-  Led **Plafoniere** Lighting

OUTDOOR - PUBLIC AREA

-  Led **In-Ground** Lighting
-  Led **Flood** Lighting
-  Led **Street I Garden** Lighting
-  Led **Wall Washer** Lighting

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REGULATIONS | RÈGLEMENT | NORMATIVA



CEI 34-133	CEI EN 62031/A01
CEI 34-139	CEI EN 62262
CEI 34-141	CEI EN 62384
IEC/TR 62778:2012-06	CEI EN 62384/A1
CEI EN 50262	CEI EN 62471
CEI EN 55015	CEI 64-19
CEI EN 55015/A2	UNI 10819
CEI EN 60529	UNI 11248
CEI EN 60529/A1	UNI 11356
CEI EN 60598-1	UNI CEI EN ISO/IEC17050-1
CEI EN 60598-2-3	UNI CEI EN ISO/IEC17050-2
CEI EN 60598-2-3/EC	UNI EN 13032
CEI EN 60598-2-5	UNI EN 13201-2
CEI EN 60838-2-2	UNI EN 13201-3
CEI EN 60838-2-2/A1	UNI EN 13201-4
CEI EN 61000-3-/A1/A2	2004/108/CE
CEI EN 61000-3-3	2006/95/CE
CEI EN 61347-1-A1	2009/125/CE
CEI EN 61347-2-13	1194/2012
CEI EN 61547	D. Lgs. 16-2-2011 n. 15
CEI EN 62031	
CEI EN 62031/A1	



BRT Group is a company based in Monte Carlo **representing** a common group of firms, operating both nationally and internationally in the Energy Efficiency sector.

Among its various activities, BRT Group is also proposing led lighting products for the distribution and the efficiency energy markets, with the business target of offering its clients the best possible results in terms of technical performance, delivery time and economical savings.

BRT Group has already settled commercial and financial import agreements with important international companies.

BRT Group provides the European market with top quality products from firms who have achieved great results in sales, projects and technology worldwide.

This led lighting products catalogue brings together a wide selection of products addressed to different market sectors, public lighting, industry, home etc.

The catalogue is in a brief form and does not include all that we may offer to our customers, but simply gives indication of the areas in which the companies we represent, are working and in which production lines we are operating. One of our major driving forces, which has to be underlined, is the concept of "tailor made", or in other words, meeting your particular and specific requirements on the products you may need.

BRT Group has a partnership with manufacturing companies, which enables us to supply guaranteed products in Italy from our collaboration with **SMR 2006 SRL**.



BRT Group est une société immatriculée à Monaco qui **représente** un éventail d'entreprises opérantes dans le domaine de l'efficacité énergétique, soit au sein de l'UE qu'à l'échelle internationale.

Parmi les diverses activités d'intérêt, elle propose au marché professionnel les produits pour l'industrie de l'éclairage. Dans le but de fournir à ses clients l'obtention des meilleurs résultats possibles en termes de performance, de temps et des économies de coûts dans la gestion, elle a conclu des accords commerciaux et financiers avec des entreprises de niveau mondial.

BRT Groupe peut alors mettre à la disposition du marché européen des produits des entreprises qui ont obtenus des résultats importants dans le monde en termes de ventes, de la conception et de la technologie.

Ce catalogue-là, qui concerne l'industrie de l'éclairage, réunit une sélection de produits disponibles répartis par type, avec l'intention de montrer la large gamme disponible.

Le catalogue n'est pas exhaustif des nombreuses possibilités que les entreprises, représentés par nous, sont en mesure de répondre. Il n'est qu'un résumé, un instrument utile pour indiquer les domaines dans lesquels nous opérons. En plus, l'un des facteurs de la puissance et de l'intérêt que nous tenons à souligner c'est le concept de «sur mesure», ou la capacité d'obtenir produits adaptés à vos nécessités, en cas de besoins spécifiques.

Le **BRT Group** dispose d'un partenariat direct avec les fabricants: cela fournit la garantie de produit en Italie à travers en collaboration avec **SMR 2006 RSL**.



BRT Group è una società di diritto monegasco che **rappresenta** un eterogeneo insieme di società operanti nel settore dell'Efficienza Energetica, sia in ambito comunitario che internazionale.

Fra le varie attività d'interesse, ha quella di proporre al mercato professionale, prodotti per il settore illuminotecnico. Con l'intento di garantire ai propri clienti l'ottenimento dei migliori risultati possibili in termini di prestazioni, tempi e risparmio sui costi di gestione, ha stipulato accordi commerciali e finanziari con società di rilevanza internazionale.

BRT Group può così rendere disponibili al mercato europeo prodotti di aziende che hanno raggiunto nel mondo importanti risultati in termini di vendite, progettazione e tecnologia.

Questo catalogo, che tratta il settore illuminotecnico, raccoglie una selezione tra i prodotti disponibili, suddivisi per tipologia, con l'intento di rappresentare l'ampia gamma disponibile.

Il catalogo non è esaustivo delle molteplici possibilità che le aziende, da noi rappresentate, sono in grado di soddisfare. Esso rappresenta una sintesi ed è solo uno strumento in grado d'indicare i settori nei quali operiamo. Tra l'altro, uno dei fattori di forza e d'interesse che teniamo a sottolineare è quello del concetto del "tailor made", ovvero la possibilità di ottenere prodotti ritagliati sulle vostre esigenze, in caso di specifiche necessità.

BRT Group ha un rapporto diretto di partnership con le aziende produttrici: questo fornisce una garanzia di prodotto in Italia, avvalendosi della collaborazione con la società **SMR 2006 SRL**.

CERTIFICATS | REGULATIONS | CERTIFICATI



I prodotti sono certificati CE e soddisfano la norma RoHS relativa allo smaltimento dei rifiuti.

Sono disponibili per ogni tipologia i files IES e LDT. Il catalogo rappresenta un campione scelto delle tipologie disponibili, quindi possono essere considerate anche richieste diverse rispetto a quanto di seguito indicato (n° di led, tipo di led, ottiche, ecc.).

Per quantitativi elevati, da definire a seconda della tipologia, possono essere progettati e realizzati prodotti con design e caratteristiche tecniche personalizzate.

Per ogni tipologia di prodotto sono disponibili diverse temperature di colore espresse in gradi Kelvin:

Cool White (6000-7000 °K), bianco freddo

Natural White (4000-4500 °K) luce solare

Warm White (2900-3500 °K) colore caldo più simile alle lampade ad incandescenza.





Bulb lamps can be delivered for quantities, in custom packaging: single blister packaging, double blister packaging, color box packing and blister box packing. The construction of the body of the lamps is based on aluminium-plastic housing body. For the internal structure a die cast aluminium is used, outside a thermal plastic USA made is utilized in direct contact with the aluminium to maximize thermal dispersion. The inside die-casting aluminium radiator is highly conductive to heat transmission, so the heat from the driver can be quickly transmitted to the thermal plastic and to the ambient. This way the operational temperature of the semiconductors is reduced enhancing the life time of the lamp.

The life time of the product spans from 30.000 to 50.000 h of working time depending from the type. The lamps are available either in normal led structure either in led filament type.






En ce qui concerne les ampoules, elles peuvent être réalisées en quantités déterminées, des emballages cartonnés personnalisés, dans un conteneur en plastique portant le cachet de l'exposant, sous blister box en plastique transparent. Toutes les ampoules sont fabriquées avec une structure interne en aluminium à laquelle est reliée thermiquement la zone du circuit imprimé sur lequel sont montées les diodes LED et l'alimentation. Cela favorise la dissipation de la chaleur, avec un grand avantage pour la durée de vie des composants. La structure thermoplastique qui relie l'ampoule au pas de vis est réalisée avec du matériel thermoplastique aux fins d'optimisation thermique. Les ampoules sont disponibles en configuration traditionnelle, mais aussi à filament LED avec structure en fleur de lotus. Tous les produits du catalogue et notamment les plus puissants sont étudiés et réalisés avec une grande précision aux fins de permettre aux composants actifs (LED et alimentation) de dissiper au mieux le flux de chaleur généré, même s'il est d'une importance beaucoup plus modeste que celui des lampes réalisées selon la technologie traditionnelle. Cela permet des durées de vie des dispositifs qui varient selon la typologie du produit de 30.000 à 50.000 heures de fonctionnement.



Per quanto riguarda le lampadine, per quantitativi interessanti, possono essere realizzati confezioni personalizzate, in scatola di cartone, in contenitore plastico sigillato da espositore, in blister box plastico trasparente. Tutte le lampadine sono realizzate con struttura interna in alluminio a cui è connessa termicamente l'area del circuito stampato su cui sono montati i diodi led e l'alimentatore. Questo favorisce lo smaltimento del calore, con grande beneficio per la durata della vita dei componenti. Anche la struttura termoplastica che collega il bulbo alla filettatura a vite è realizzata in materiale termoplastico per ottimizzazione termica. Le lampadine sono disponibili sia in configurazione tradizionale sia a filament led ed a struttura a fior di loto. Tutti i prodotti del catalogo, in particolar modo quelli di potenza sono studiati e realizzati, quasi maniacalmente, per permettere ai componenti attivi (led ed alimentatori) di dissipare al meglio il flusso di calore generato, anche se di entità molto più modesta rispetto a lampade realizzate con tecnologia tradizionale. Questo permette tempi di vita dei dispositivi che variano a seconda della tipologia di prodotto dalle 30.000 alle 50.000 ore di funzionamento.

CONTRAST OF BRIGHTNESS

Rated lamp luminous flux (Lm)			Claimed equivalent incandescent lamp power	Claimed equivalent LED lamp power
CFL	Halogen	LED	W	W
125	119	136	15	1.5
229	217	249	25	3
432	410	470	40	6
741	702	806	60	10
970	920	1055	75	12
1398	1326	1521	100	15
2253	2137	2452	150	30
3172	3009	3452	200	43

Emitting colour	CCT (k)	Colour
Cool White	6000 - 7000	
Natural White	4000 - 4500	
Warm White	2900 - 3500	

SOCKET

COD.	E14	E22	E27	B22	G10	G53
LMP-G60E27W07-02B			x	x		
LMP-G60E27W10-02B			x	x		
LMP-G60E27W11-02B			x	x		
LMP-G60E27W15-02B			x	x		
LMP-G60E27W06-02B			x	x		
LMP-G60E27W12-02B			x	x		
LMP-G60E27W10T-02B			x	x		
LMP-G60E27W07-02S			x	x		
LMP-C37E14W03-01B	x		x	x		
LMP-C37E14W05-02B	x		x	x		
LMP-C37E27W05-02B			x			
LMP-C37B22W05-02B			x	x		
LMP-C37E14W05-05B	x					
LMP-G45E14W05-02B	x					
LMP-G45E27W05-02B			x			
LMP-G45B22W05-02B				x		
LMP-G45E14W05-01B	x		x	x		
LMP-G45E27W05-01B	x		x	x		
LMP-P45E27W05-01B	x		x	x		
LMP-P45E27W05-05B	x		x	x		
LMP-M16GU10W14-02B	x		x		x	x
LMP-M16GU10W04-01B	x		x		x	x
LMP-M16GU10W05-01B	x		x		x	x
LMP-M16GU10W05-04B	x		x		x	x
LMP-M16GU10W04-09B	x		x		x	x
LMP-M16GU10W05-09B	x		x		x	x
LMP-G60E27RGB03-01B		x	x			
LMP-G60E27RGB03-02B		x	x			
LMP-M16GU10RGB03-01B					x	
LMP-C37E14RGB03-02B	x		x			



G60E27



G60E27



LMP-G60E27W11-02B



COD.	VOLTAGE	POWER	LUMENS	CCT
LMP-G60E27W07-02B	50/60 Hz	6,5 W	550 lm	2700 K - 6500 K
LMP-G60E27W10-02B	50/60 Hz	9,5 W	806 lm	
LMP-G60E27W11-02B	50/60 Hz	11 W	1055 lm	
LMP-G60E27W15-02B	50/60 Hz	15 W	1300 lm	

LMP-G60E27W06-02B



LMP-G60E27W12-02B



All the products are updated on our website: www.brtes.com

1 LED BULB

CE MADE IN ASIA

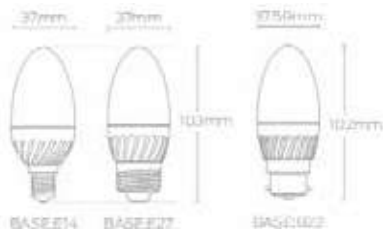
LMP-G60E27W10T-02B



LED Dimmable



LMP-G60E27W07-02S



LMP-C37E14W05-01B



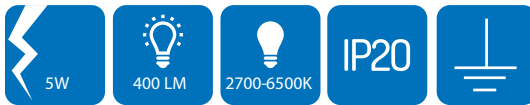
COD.	VOLTAGE	POWER	LUMENS	CCT
LMP-C37E14W03-01B	50/60 Hz	3 W	250 lm	2700 K - 6500 K
LMP-C37E14W05-02B	50/60 Hz	5 W	400 lm	
LMP-C37E274W05-02B	50/60 Hz	5 W	400 lm	
LMP-C37B22W05-02B	50/60 Hz	5 W	400 lm	

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LMP-C37E14W05-05B



LMP-G45B22W05-02B



COD.	VOLTAGE	POWER	LUMENS	CCT
LMP-G45E14W05-02B	50/60 Hz	5 W	400 lm	2700 K
LMP-G45E274W05-02B	50/60 Hz	5 W	400 lm	-
LMP-G45B22W05-02B	50/60 Hz	5 W	400 lm	6500 K

All the products are updated on our website: www.brtes.com

1 LED BULB

CE MADE IN ASIA

LMP-G45E27W05-01B



COD.	VOLTAGE	POWER	LUMENS	CCT
LMP-G45E14W05-01B	50/60 Hz	3 W	260 lm	2700 K-6500 K
LMP-G45E27W05-01B	50/60 Hz	5 W	400 lm	



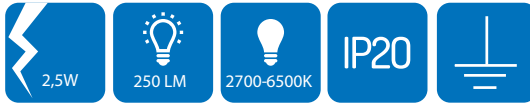
LMP-P45E27W05-01B



LMP-P45E27W05-05B



All the products are updated on our website: www.brtes.com

**LMP-M16GU10W14-U2B****LMP-M16GU10W05-01B**

COD.	VOLTAGE	POWER	LUMENS	CCT
LMP-M16GU10W04-01B	50/60 Hz	4 W	240 lm	2700 K-
LMP-M16GU10W05-01B	50/60 Hz	5 W	300 lm	6500 K

**LMP-M16GU10W05-04B**

All the products are updated on our website: www.brtes.com

LMP-M16GU10W04-09B



COD.	VOLTAGE	POWER	LUMENS	CCT
LMP-M16GU10W04-09B	50/60 Hz	4 W	270 lm	2700 K-6500 K
LMP-M16GU10W05-09B	50/60 Hz	5 W	320 lm	

new

LMP-G60E27RGB03-02B



COD.	VOLTAGE	POWER	LUMENS	CCT
LMP-G60E27RGB03-01B	50/60 Hz	3 W	60 lm white	2700 K-6500 K
LMP-G60E27RGB03-02B	50/60 Hz	6,5 W	470 lm white	

LMP-M16GU10RGB03-01B



COD.	VOLTAGE	POWER	LUMENS	CCT
LMP-M16GU10RGB03-01B	50/60 Hz	3,5 W	60 lm white	2700 K-6500 K
LMP-C37E14RGB03-02B	50/60 Hz	3,5 W	60 lm white	

All the products are updated on our website: www.brtes.com



The residential sector presents a large variety of products and styles. In this catalogue only a minimal part of the complete set of products available is displayed.

The products highlighted are aimed at the lighting of facades of buildings. It can be offered with white light Leds or RGB ones. The luminaire can be utilised stand alone or assembled in groups, power supplied and interconnected with weatherproof cables.



L'industrie de l'éclairage pour l'usage résidentiel est variée dans ce catalogue. Nous avons inséré seulement une partie de la production, en essayant de promouvoir des produits qui, bien que désormais devenus des standards internationaux, possèdent des caractéristiques de design ou d'illuminotechnique qui se détachent de la moyenne.



Il settore dell'illuminazione per applicazioni residenziali è ampio ed articolato nel presente catalogo abbiamo inserito solo una minima parte della produzione avendo cura di valorizzare quei prodotti che, pur essendo ormai diventati degli standard internazionali, posseggono delle caratteristiche di design o illuminotecniche che si discostano dalla media.



Technical Details

Insulation Class: I

Protection Degree: IP 20

Certifications: CE – UL – Rhos

Voltage: 110/240 V – 50/60 Hz

Rated Voltage: dc 12-24

Led Chips: Cree XP, SMD 3030, Stark, etc.

Luminaire efficiency: > 100 lm/W

Residual flux and dispersion: 80/20 or 70/30

Led Feed Current: different

Power Factor: >0,90

Working Temperature: -40 ° C/+55 ° C

Life Span: > 50.000 h L70

Colour Rendering Index (CRI): > 80

Colour Temperature: WW (3000-4000 °K) – NW (3700-5000 °K)

CW (5000-6500 °K) - WW (Warm White) – NW (Natural White)

CW (Cold White)

Operation segment

Residence, office, school, hotel, restaurant

Main Features

Screen: aluminium, steel and PMMA

Finishing: NA

Closure: NA

Adjustable fixing system: Wall, ceiling

Integrated surge protection device: Yes

Driver: included (stand-alone use),
not included if used in multi assembling

Warranty: 3-5 years

DALI dimmable available

2 LED CEILING LIGHTING



Données Techniques Générales

Indice de Protection : IP 20

Homologation : CE

Tension d'alimentation: 110/240 V – 50/60 Hz

LED: Cree XP, SMD 3030, Stark, etc.

Efficacité lumineuse : > 100 lm/W

Dispersion : 80/20 ou 70/30

Courant d'alimentation : divers

Facteur de puissance : > 0.90

Température ambiante : - 20 °C / + 60 °C

Durée de vie moyenne : > 50.000 heures

CRI : > 80

Température de couleur : WW (3000-4000 °K) | NW (3700-5000 °K) | CW (5000-6500 °K)

Domaine d'application

Résidences, bureau, école, hotel, restaurant

Caractéristiques principales

1. Structure : Aluminium , acier, verre, PMMA
2. Peinture : peinture électrostatique
3. Type de branchement: NA
4. Fermeture : Verre résistant jusqu'à 20 kN
5. Système de montage : au mur ou au plafond
6. Dispositif de protection interne contre les surtensions : Oui
7. Classe de protection : I
8. Driver: Externe inclus
9. DALI dimmable



Dati Tecnici Generali

Grado di isolamento: IP 20

Omologazione: CE

Tensione di alimentazione: 110/240 V – 50/60 Hz

LED: Cree XP, SMD 3030, Stark, etc.

Efficienza Luminosa: > 100 lm/W

Dispersione: 80/20 oppure 70/30

Correnti di alimentazioni: vari

Fattore di potenza: > 0.90

Temperatura ambiente: - 20 °C / + 60 °C

Vita media: > 50.000 ore

CRI: > 80

Temperatura di colore: WW (3000-4000 °K) | NW (3700-5000 °K) CW (5000-6500 °K)

Settore di applicazione

Residenze, uffici, scuole, hotel, ristoranti

Principali caratteristiche

1. Struttura: acciaio, alluminio, vetro e PMMA
2. Verniciatura: verniciatura elettrostatica
3. Tipo di innesto: NA
4. Chiusura: vetro resistente fino a 20 kN
5. Sistema di montaggio: su parete, soffitto
6. Dispositivo di protezione interno ai picchi di tensione: SI
7. Classe di isolamento: I
8. Driver: incluso
9. DALI dimmable

TYPES

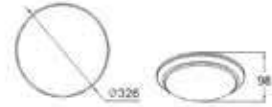
BF22402



18W



1300 LM



MADE IN ASIA

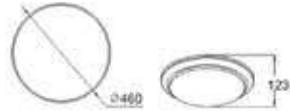
BF22601 BF22602



30W



2100 LM



MADE IN ASIA

BRT NOTUM



12 W-
39 W



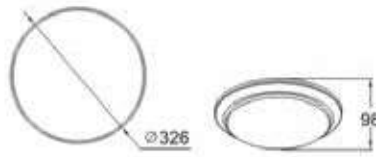
990 LM-
3680 LM



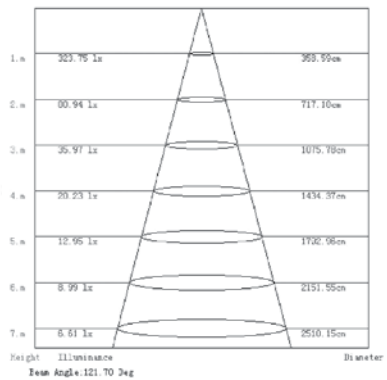
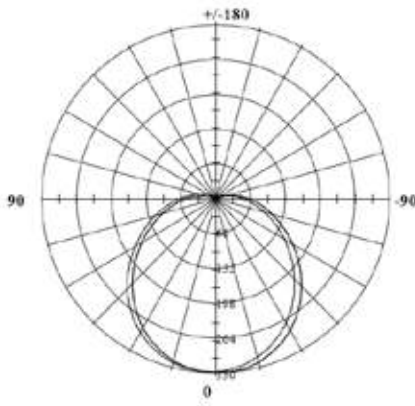
MADE IN EUROPE

2^{LED} CEILING LIGHTING





BF22402 microwave sensor



All the products are updated on our website: www.brtes.com

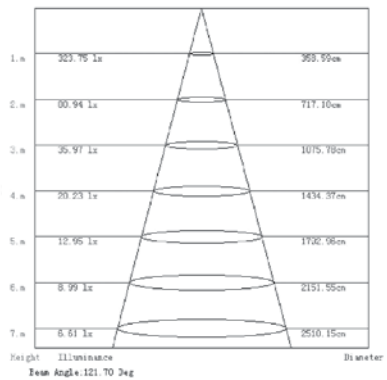
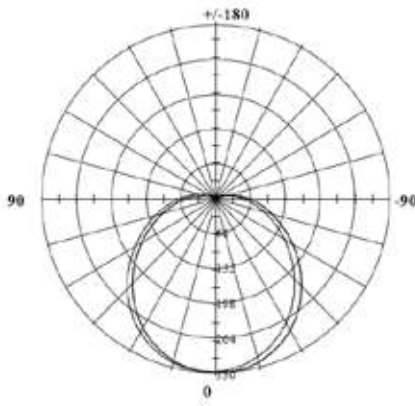
2^{LED} CEILING LIGHTING

N. LEDS	LED FREQUENCY (HZ)	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
36	50/60Hz	18W	1300lm

new



BF22601
BF22602 microwave sensor



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2^{LED} CEILING LIGHTING

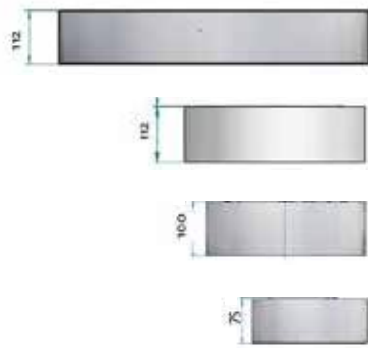
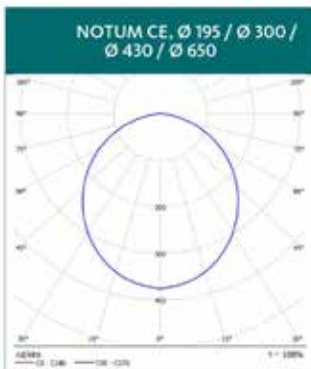
N. LEDS	LED FREQUENCY (HZ)	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
60	50/60Hz	30W	2100lm

BRT NOTUM



BRT NOTUM PENDULUM

new



All the products are updated on our website: www.brtes.com

2 LED CEILING LIGHTING

TYPE	SYSTEM POWER (W)	LUMINOUS FLUX (lm)	LUMINAIRE EFFICACY (lm/W)	WEIGHT (kg)
81390044	15	1330	88	3
81390045	36	2810	78	3,7
81390046	39	3680	94	6,9



The residential sector presents a large variety of products and styles. In this catalogue only a minimal part of the complete set of products available is displayed.

The products highlighted are aimed at the lighting of facades of buildings. It can be offered with white light Leds or RGB ones. The luminaire can be utilised stand alone or assembled in groups, power supplied and interconnected with weatherproof cables.



L'industrie de l'éclairage pour l'usage résidentiel est variée dans ce catalogue. Nous avons inséré seulement une partie de la production, en essayant de promouvoir des produits qui, bien que désormais devenus des standards internationaux, possèdent des caractéristiques de design ou d'illuminotechnique qui se détachent de la moyenne.



Il settore dell'illuminazione per applicazioni residenziali è ampio ed articolato nel presente catalogo abbiamo inserito solo una minima parte della produzione avendo cura di valorizzare quei prodotti che, pur essendo ormai diventati degli standard internazionali, posseggono delle caratteristiche di design o illuminotecniche che si discostano dalla media.



Technical Details

Insulation Class: I, II

Protection Degree: IP 20, IP 40

Certifications: CE – UL – Rhos

Voltage: 110/240 V – 50/60 Hz

Rated Voltage: dc 12-24

Led Chips: Cree XP, SMD 3030, COBLED etc.

Luminaire efficiency: > 100 lm/W

Residual flux and dispersion: 80/20 or 70/30

Led Feed Current: different

Power Factor: >0,90

Working Temperature: - 20 °C / + 60 °C

Life Span: > 50.000 h, >60.000 h L70B10

Colour Rendering Index (CRI): > 80

Colour Temperature: WW (3000-4000 °K) – NW (3700-5000 °K)

– CW (5000-6500 °K)

WW (Warm White) – NW (Natural White) – CW (Cold White)

Operation segment

Residence, retail, school, hotel, museum, restaurant

Main Features

Screen: aluminium, steel and glass

Finishing: NA

Closure: NA

Adjustable fixing system: Ceiling mounting

Integrated surge protection device: Yes

Driver: included (stand-alone use), not included if used in multi assembling

Warranty: 3-5 years

Angles: different

3 LED CEILING DOWNLIGHT



Données Techniques Générales

Indice de Protection : IP 20, IP 40

Homologation : CE

Tension d'alimentation: 110/240 V – 50/60 Hz

Led Chips: Cree XP, SMD 3030, COBLED etc.

Efficacité lumineuse : > 100 lm/W

Dispersion : 80/20 ou 70/30

Courant d'alimentation : divers

Facteur de puissance : > 0.90

Température ambiante : - 20 °C / + 60 °C

Durée de vie moyenne : > 50.000 heures

CRI : > 80

Température de couleur : WW (3000-4000 °K) | NW (3700-5000 °K) | CW (5000-6500 °K)

Domaine d'application

Résidence, magasins, écoles, hotel restaurant, musée

Caractéristiques principales

1. Structure : Aluminium , acier, verre
2. Peinture : peinture électrostatique
3. Type de branchement: NA
4. Fermeture : Verre résistant jusqu'à 20 kN
5. Système de montage : au sol, au mur
6. Dispositif de protection interne contre les surtensions : Oui
7. Classe de protection : I,II
8. Driver: Externe inclus



Dati Tecnici Generali

Grado di isolamento: IP 20, IP 40

Omologazione: CE

Tensione di alimentazione: 110/240 V – 50/60 Hz

Led Chips: Cree XP, SMD 3030, COBLED etc.

Efficienza Luminosa: > 100 lm/W

Dispersione: 80/20 oppure 70/30

Correnti di alimentazioni: vari

Fattore di potenza: > 0.90

Temperatura ambiente: - 20 °C / + 60 °C

Vita media: > 50.000 ore

CRI: > 80

Temperatura di colore: WW (3000-4000 °K) | NW (3700-5000 °K) CW (5000-6500 °K)

Settore di applicazione

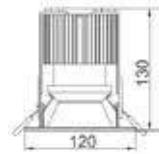
Residenze, negozi, scuole, hotel, ristoranti, musei

Principali caratteristiche

1. Struttura: Alluminio, acciaio, vetro
2. Verniciatura: verniciatura elettrostatica
3. Tipo di innesto: NA
4. Chiusura: vetro resistente fino a 20 kN
5. Sistema di montaggio: su soffitto
6. Dispositivo di protezione interno ai picchi di tensione: SI
7. Classe di isolamento: I,II
8. Driver: incluso

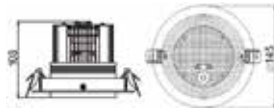
TYPES

DF13351



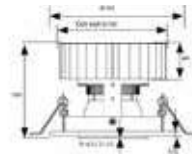
CE
MADE IN ASIA

DF21301



CE
MADE IN ASIA

BRT APERIUS



CE
MADE IN EUROPE

BRT COMPOLED



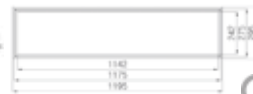
CE
MADE IN EUROPE

BRT CARLINA



CE
MADE IN EUROPE

BRT LUNARIA



CE
MADE IN EUROPE

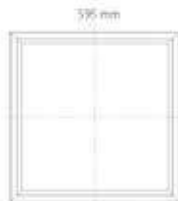
BRT MILIUM



CE
MADE IN EUROPE

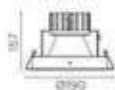
3 LED CEILING DOWNLIGHT

BRT LANTERNIN



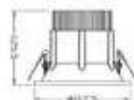
595 mm
595 mm
MADE IN EUROPE

BRT POA



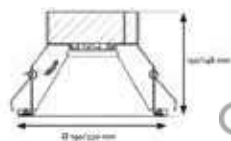
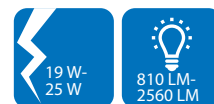
117 mm
Ø150 mm
MADE IN EUROPE

BRT SALIX EASY

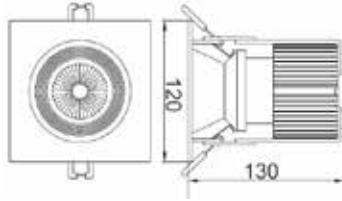


45 mm
Ø142 mm
MADE IN EUROPE







BRT CONSPECTO

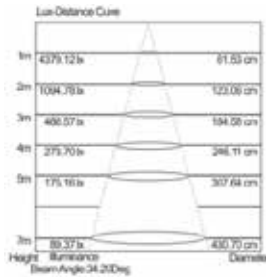


45 mm
Ø142 mm
Ø100 mm
MADE IN EUROPE



DF13351

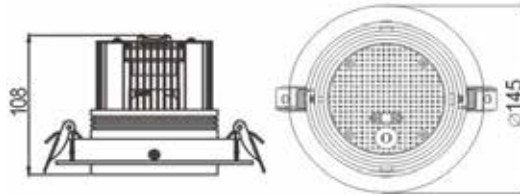
 100-240V	 20W	 1500 LM	 40°	IP20		 95mm-110mm
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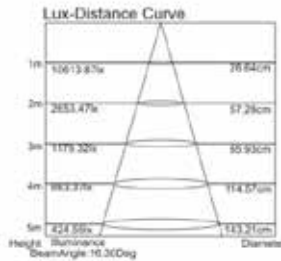
All the products are updated on our website: www.brtes.com

3 LED CEILING DOWNLIGHT

N. LEDS	LED FREQUENCY (Hz)	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
1	50/60Hz	20W	1500lm



DF21301



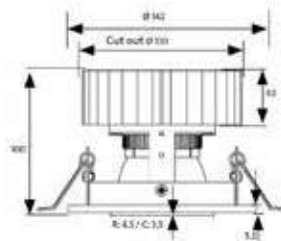
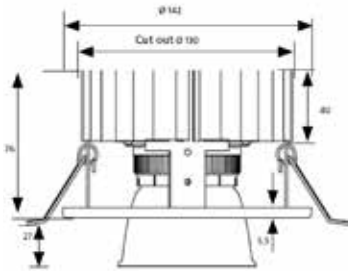
All the products are updated on our website: www.brtes.com

3 LED CEILING DOWNLIGHT

N. LEDS	LED FREQUENCY (Hz)	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
1	50/60Hz	28W	1800lm

BRT APERIUS

new



All the products are updated on our website: www.brtes.com

3 LED CEILING DOWNLIGHT

BRT COMPOLED



Aperius luminaire housing

ARTICLE NO.	TYPE	DIMENSIONS H x Ø (mm)	CUT OUT Ø (mm)	COLOUR
Aperius				
8846030	Aperius R	108 X 143	130	RAL 9010
8846035	Aperius R DALI	108 X 143	130	RAL 9010
8846040	Aperius SR	79 X 143	130	RAL 9010
8846045	Aperius SR DALI	79 X 143	130	RAL 9010
8846050	Aperius C	108 x 143	130	RAL 9010
8846055	Aperius C DALI	108 x 143	130	RAL 9010

CompoLED Long Life light source

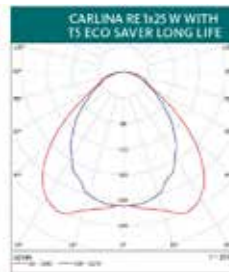
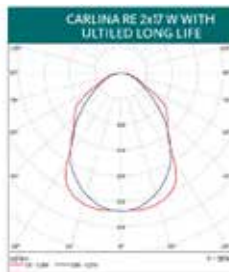
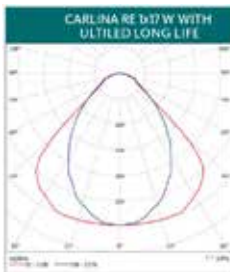
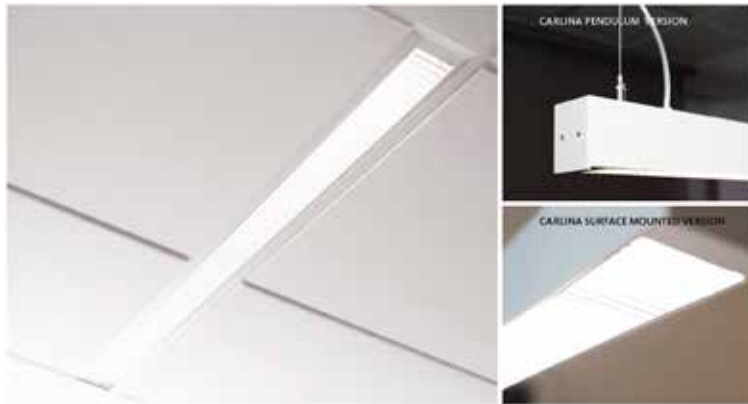
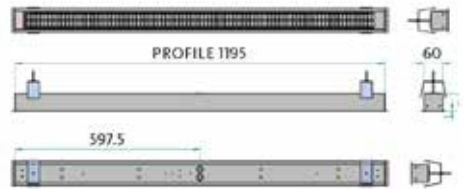
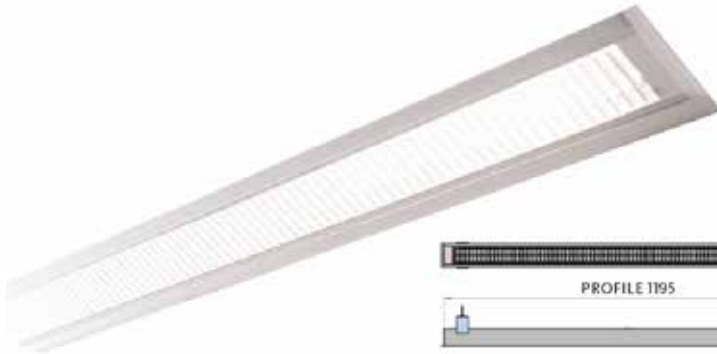
COMPOLED ARTICLE NO.	REFLECTOR TYPE	COLOUR	COLOUR TEMP. (K)	CURRENT	ENERGY CLASS
664293	12° reflector, 930	Warm white	3000 K	@ 350 mA @ 700 mA	A+ A+
664284	12° reflector, 840	White	4000 K	@ 350 mA @ 700 mA	A++ A+
665293	25° reflector, 930	Warm white	3000 K	@ 350 mA @ 700 mA	A+ A+
665284	25° reflector, 840	White	4000 K	@ 350 mA @ 700 mA	A+ A+
666293	40° reflector, 930	Warm white	3000 K	@ 350 mA @ 700 mA	A+ A+
666284	40° reflector, 840	White	4000 K	@ 350 mA @ 700 mA	A++ A+

Aperius with CompoLED Long Life

	COMPOLED ARTICLE NO.	REFLECTOR TYPE	COLOUR TEMP. (K)	CURRENT	SYSTEM POWER LUMINAIRE (W)	LUMINOUS FLUX, WARM LED (lm)	LUMINAIRE EFFICACY (lm/W)	LUMINOUS INTENSITY (cd)
Any Aperius housing (Aperius, Aperius R, Aperius SR, Aperius C)	664293	12° reflector, 930	3000 K	@ 350 mA	11 W	950	90	8900
	@ 700 mA			21 W	1700	80	16300	
	664284	12° reflector, 840	4000 K	@ 350 mA	11 W	1225	116	11800
	@ 700 mA			21 W	2250	106	21600	
	665293	25° reflector, 930	3000 K	@ 350 mA	11 W	950	90	3050
	@ 700 mA			21 W	1700	80	5450	
	665284	25° reflector, 840	4000 K	@ 350 mA	11 W	1225	116	4700
	@ 700 mA			21 W	2250	106	8600	
	666293	40° reflector, 930	3000 K	@ 350 mA	11 W	950	90	1870
	@ 700 mA			21 W	1700	80	3420	
	666284	40° reflector, 840	4000 K	@ 350 mA	11 W	1225	116	2480
	@ 700 mA			21 W	2250	106	4540	

BRT CARLINA RECESSED

new



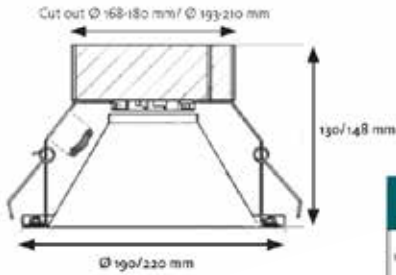
All the products are updated on our website: www.brtes.com

3 LED CEILING DOWNLIGHT

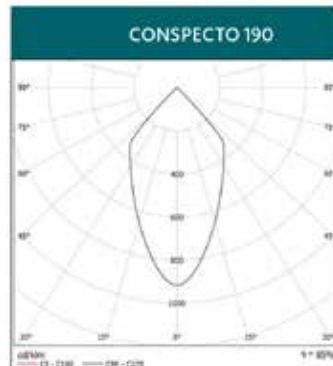
TYPE	SYSTEM POWER (W)	LUMINOUS FLUX (lm)	LUMINAIRE EFFICACY (lm/W)	WEIGHT (kg)
81390080 Re 1x17/28W DALI	19	1400	73	1,7
81390074 Re 2x17/28WDALI	38	2455	64	1,8
81390090 T5 Re 1x25	28	1440	51	1,7
81390091 T5 Re 2x25	55	3180	58	1,8
81390092 T5 Re 1x25 W DALI	28	1440	51	1,7
81390093 T5 Re 2x25DALI	55	3190	58	1,8

BRT CONSPECTO

BRT CONSPECTO SOFT



TYPE	CUT OUT Ø (mm)
Conspecto	
Conspecto 190	168-180
Conspecto 190 DALI	168-180
Conspecto 220	193-210
Conspecto 220 DALI	193-210



All the products are updated on our website: www.brtes.com

3 LED CEILING DOWNLIGHT

BRT CONSPECTO

CONSPECTO WITH COMPOLED* 19 W

TYPE	COLOUR TEMP. (K)	CURRENT (mA)	SYSTEM POWER (W)	LUMINOUS FLUX (lm)	LUMINAIRE EFFICACY (lm/W)
Conspecto luminaire housing (190 and 220)	3000	@ 350	11	810	74
		@ 700	21	1450	69
	4000	@ 350	11	1045	95
		@ 700	21	1920	91

CONSPECTO WITH COMPOLED* 25 W

TYPE	COLOUR TEMP. (K)	CURRENT (mA)	SYSTEM POWER (W)	LUMINOUS FLUX (lm)	LUMINAIRE EFFICACY (lm/W)
Conspecto luminaire housing (190 and 220)	3000	@ 350	14	1016	74
		@ 700	29	1860	64
	4000	@ 350	14	1370	98
		@ 700	29	2560	88

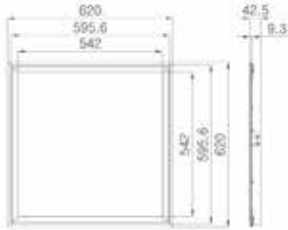
BRT CONSPECTO SOFT

CONSPECTO SOFT WITH COMPOLED* 19 W

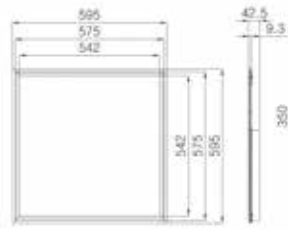
TYPE	COLOUR TEMP. (K)	CURRENT (mA)	SYSTEM POWER (W)	LUMINOUS FLUX (lm)	LUMINAIRE EFFICACY (lm/W)
Conspecto Soft luminaire housing (190 and 220) with CompoLED Long Life light source included.	3000	@ 350	11	860	78
		@ 700	21	1540	71

*see CompoLed pag.12

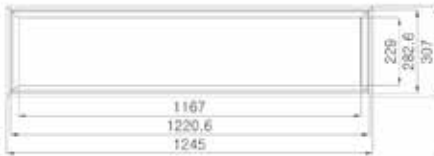
BRT LUNARIA



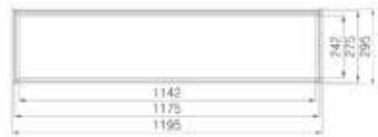
LUNARIA 620 X 620 mm



LUNARIA 595 X 595 mm



LUNARIA 1245 X 307 mm



LUNARIA 1095 X 295 mm



Pic 1



Pic 2



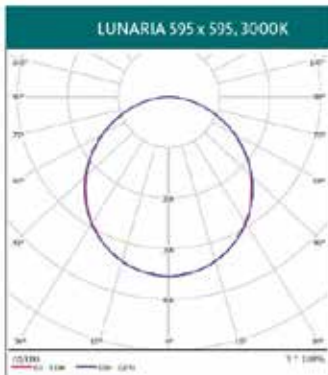
Pic 3



Pic 4



Pic 5



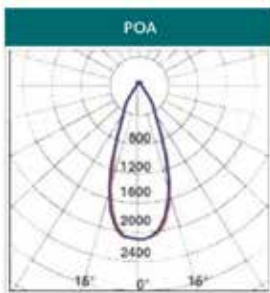
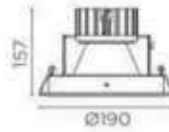
All the products are updated on our website: www.brtes.com

3 LED CEILING DOWNLIGHT

TYPE	SYSTEM POWER (W)	LUMINOUS FLUX (lm)	LUMINAIRE EFFICACY (lm/W)	DIMENSIONS (MM)	WEIGHT (kg)
468364 4000K	35	3710	106	620 X 620 X 42.5	4
468363 3000K	35	3400	97	620 X 620 X 42.5	4
468362 4000K	35	3710	106	595 X 595 X 42.5	4
468361 3000K	35	3400	97	595 X 595 X 42.5	4
468367 4000K	35	3710	106	1245 X 307 X 42.5	4
468366 3000K	35	3400	97	1245 X 307 X 42.5	4

new

BRT POA



All the products are updated on our website: www.brtes.com

3 LED CEILING DOWNLIGHT

TYPE	SYSTEM POWER (W)	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	BEAM ANGLE	COLOR TEMP. (K)
POA014044132030B	44	4170	94	40°	3000
POA014044132040B	44	4400	100	40°	4000

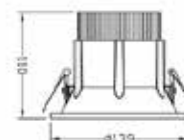
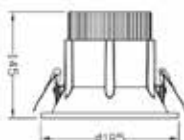
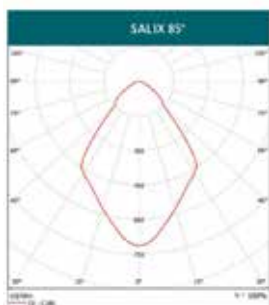
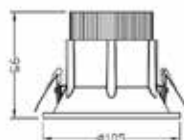
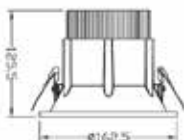
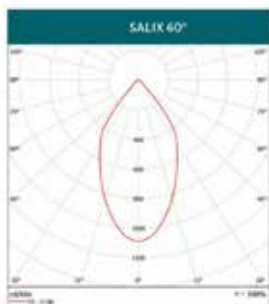
MADE IN EUROPE



LED 3 CEILING DOWNLIGHT

new

BRT SALIX EASY



All the products are updated on our website: www.brtes.com

3 LED CEILING DOWNLIGHT

ARTICLE NO.	POWER (W)	TYPICAL LUMINOUS FLUX (WARM LED)	EFFICACY (lm/W)	DIMENSIONS (mm)
The LED downlight, Salix on/off				
468290	11	800	80	Ø105*95H
468292	18	1400	80	Ø185*145H
468295	25	2000	80	Ø185*145H
468296	45	3300	80	Ø185*145H
468289	45	3300	80	Ø185*145H
468297	11	850	80	Ø105*95H
468298	18	1450	80	Ø139*110H
468299	25	2100	80	Ø165*125H
468288	25	2100	80	Ø165*125H
468300	45	3400	80	Ø185*145H
468287	45	3400	80	Ø185*145H



The residential sector presents a large variety of products and styles. In this catalogue only a minimal part of the complete set of products available is displayed.

The products highlighted are aimed at the lighting of facades of buildings. It can be offered with white light Leds or RGB ones. The luminaire can be utilised stand alone or assembled in groups, power supplied and interconnected with weatherproof cables.



L'industrie de l'éclairage pour l'usage résidentiel est variée dans ce catalogue. Nous avons inséré seulement une partie de la production, en essayant de promouvoir des produits qui, bien que désormais devenus des standards internationaux, possèdent des caractéristiques de design ou d'illuminotechnique qui se détachent de la moyenne.



Il settore dell'illuminazione per applicazioni residenziali è ampio ed articolato nel presente catalogo abbiamo inserito solo una minima parte della produzione avendo cura di valorizzare quei prodotti che, pur essendo ormai diventati degli standard internazionali, posseggono delle caratteristiche di design o illuminotecniche che si discostano dalla media.



Technical Details

Insulation Class: I, II

Protection Degree: IP 20

Certifications: CE – UL – Rhos

Rated Voltage: dc 12-24

Voltage: 110/240 V-50/60 Hz

Led Chips: Cree XP, SMD 3030 etc.

Luminaire efficiency: > 100 lm/W

Residual flux and dispersion: 80/20 or 70/30

Led Feed Current: different

Power Factor: >0,90

Working Temperature: - 20 °C / + 60 °C

Life Span: > 50.000 h

Colour Rendering Index (CRI): > 80

Colour Temperature: WW (3000-4000 °K) – NW (3700-5000 °K)

– CW (5000-6500 °K)

WW (Warm White) – NW (Natural White) – CW (Cold White)

Operation segment

Residence, retail, school, hotel, restaurant

Main Features

Screen: aluminium and glass

Finishing: NA

Closure: NA

Adjustable fixing system: Ceiling mounting

Integrated surge protection device: Yes

Driver: included (stand-alone use), not included if used in multi assembling

Warranty: 3-5 years

Angles: different

4 LED CEILING TRACK LIGHTING



Données Techniques Générales

Indice de Protection : IP 20

Homologation : CE

Tension d'alimentation: 110/240 V – 50/60 Hz

LED: Cree XP, SMD 3030 etc.

Efficacité lumineuse : > 100 lm/W

Dispersion : 80/20 ou 70/30

Courant d'alimentation : divers

Facteur de puissance : > 0.90

Température ambiante : - 20 °C / + 60 °C

Durée de vie moyenne : > 50.000 heures

CRI : > 80

Température de couleur : WW (3000-4000 °K) | NW (3700-5000 °K) | CW (5000-6500 °K)

Domaine d'application

Résidence, magasins, écoles, hotel, restaurant

Caractéristiques principales

1. Structure : Aluminium, verre
2. Peinture : peinture électrostatique
3. Type de branchement: NA
4. Fermeture : Verre résistant jusqu'à 20 kN
5. Système de montage : sur barre
6. Dispositif de protection interne contre les surtensions : Oui
7. Classe de protection : I,II
8. Driver: Externe inclus



Dati Tecnici Generali

Grado di isolamento: IP 20

Omologazione: CE

Tensione di alimentazione: 110/240 V – 50/60 Hz

LED: CREE XP

Efficienza Luminosa : > 100 lm/W

Dispersione: 80/20 oppure 70/30

Correnti di alimentazioni: vari

Fattore di potenza: > 0.90

Temperatura ambiente: - 20 °C / + 60 °C

Vita media: > 50.000 ore

CRI: > 80

Temperatura di colore: WW (3000-4000 °K) | NW (3700-5000 °K) CW (5000-6500 °K)

Settore di applicazione

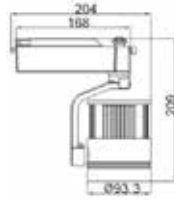
Residenze, negozi, scuole, hotel, ristoranti

Principali caratteristiche

1. Struttura: Alluminio, vetro
2. Verniciatura: verniciatura elettrostatica
3. Tipo di innesto: NA
4. Chiusura: vetro resistente fino a 20 kN
5. Sistema di montaggio: su sbarra
6. Dispositivo di protezione interno ai picchi di tensione: SI
7. Classe di isolamento: I,II
8. Driver: incluso

TYPES

DT03001



MADE IN ASIA

DT05001



MADE IN ASIA

DT02301



MADE IN ASIA

DT02101



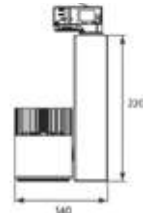
MADE IN ASIA

DT02201



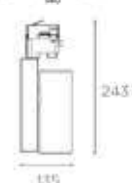
MADE IN ASIA

BRT EMANIO



MADE IN EUROPE

BRT MELISSA



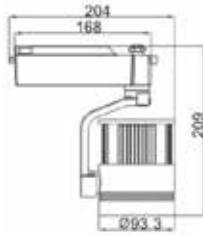
MADE IN EUROPE

4^{LED} CEILING TRACK LIGHTING

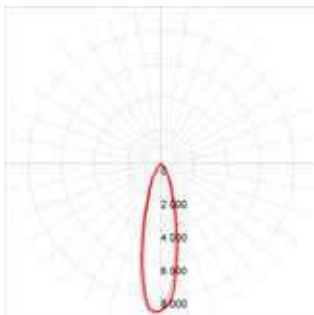


MADE IN ASIA

CEILING TRACK LIGHTING LED 4



DT03001



Lite-Distance Curve

1m	213.70 66 in	26.51 cm
2m	534.91 in	53.02 cm
3m	2375.52 in	75.52 cm
4m	1336.23 in	106.03 cm
5m	885.78 in	132.54 cm
6m	593.68 in	159.05 cm
7m	436.32 in	185.56 cm

Height Distance Diameter
Beam Angle: 15.10Deg

All the products are updated on our website: www.brtes.com

4^{LED} CEILING TRACK LIGHTING

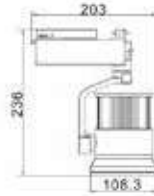
N. LEDS	LED FREQUENCY (Hz)	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
1	50/60Hz	32W	2600lm

MADE IN ASIA



LED 4 CEILING TRACK LIGHTING

new



DT05001



new



DT02301



All the products are updated on our website: www.brtes.com

4^{LED} CEILING TRACK LIGHTING

DT05001

N. LEDS	LED FREQUENCY (Hz)	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
1	50/60Hz	32W	2600lm

DT02301

N. LEDS	LED FREQUENCY (Hz)	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
1	50/60Hz	12W	800lm



new

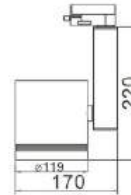


DT02101

100-240V	21W	1600 LM	15° 25°	IP20	
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new



DT02201

100-240V	32W	2600 LM	15° 25°	IP20	
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4^{LED} CEILING TRACK LIGHTING

DT02101

N. LEDS	LED FREQUENCY (Hz)	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
1	50/60Hz	12W	1600lm

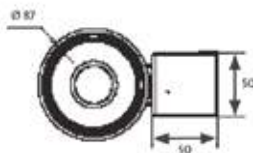
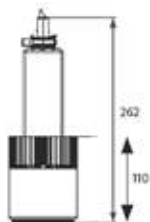
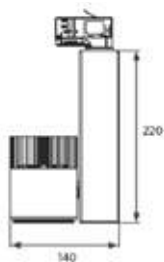
DT02201

N. LEDS	LED FREQUENCY (Hz)	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
1	50/60Hz	32W	2600lm

BRT EMANIO



* versatile spot light for 3-phase rail



All the products are updated on our website: www.brtes.com

4 LED CEILING TRACK LIGHTING

REFLECTOR TYPE	CURRENT	SYSTEM POWER LUMINAIRE (W)	LUMINOUS FLUX LUMINAIRE (lm)	LUMINAIRE EFFICACY (lm/W)	LUMINOUS INTENSITY (CD)
COD: 81416000					
12° reflector, 930	@ 700	21	1700	80	18430
12° reflector, 840	@ 700	21	2250	106	23100
25° reflector, 930	@ 700	21	1700	80	6920
25° reflector, 840	@ 700	21	2250	106	9200
40° reflector, 930	@ 700	21	1700	80	3460
40° reflector, 840	@ 700	21	2250	106	4850



**SMR
2006**

EcoEnergy Solution



ENGINEERING



CONTRACTOR



ESCO



**OPERATING &
MAINTENANCE**

SMR 2006 s.r.l. is a company based in Milano and it is operating in the Italian market since ten years. SMR is a highly specialized Energy Service Company (ESCo) whose technological expertise caters for the development of solutions enabling a rational use of energy resources.

*“Energy costs are getting higher,
and the cheapest energy is the
energy you don’t use”*

SMR 2006 s.r.l. Esco Energy Service Company

Via B. Davanzati, 5
20158 Milano
T +39 02 89753177
F +39 02 8975 3178

www.smr2006.com
mail: info@smr2006.com





The flood light is a powerful led light so directed as to give uniform illumination over a large area. Applications are found in the lighting of building facades, in logistics wide areas on very high pylon, for sport and recreational areas, sea ports, from very high ceilings in logistics warehouses, down to civil applications in courtyards or under balconies. BRT presents a large set of products, spanning from few tens of watt up to 500 watts.

Functionality, versatility are the distinguishing features of these products, in addition to a large variety of solutions and specific mechanical and optical emissions can also be achieved on demand, based on custom technical requests.



Une large gamme de produits capables de satisfaire les plus diverses hypothèses applicatives, notamment l'éclairage des façades des immeubles, l'intérieur des centres logistiques à hauts plafonds, les zones sportives et industrielles, les ports et les centres de transport. Grâce à une large gamme d'articles et de compétences, nous sommes en mesure de répondre à une majorité de demandes sur une base standard. Quand les besoins deviennent plus spécifiques, le département technique ainsi que le producteur, pourront garantir la réalisation des systèmes optiques et des équipements d'éclairage sur mesure.



Una vasta gamma di prodotti in grado di soddisfare le molteplici ipotesi applicative tra le altre l'illuminazione delle facciate degli edifici, l'interno dei centri logistici con alti plafoni, le aree sportive, industriali, i porti e gli interporti. Con una vasta ed articolata gamma di potenze disponibili siamo in grado di garantire la maggior parte delle richieste su base standard. Qualora le necessità fossero ancora più specifiche, il reparto tecnico insieme al produttore, potrà garantire la realizzazione di sistemi ottici ed apparati illuminotecnici realizzati su misura.



Technical Details

Insulation Class: I

Protection Degree: IP 65, IP 66

Certifications: CE – UL – Rhos

Rated Voltage: 100/240 V, 110-220 V– 50/60 Hz

Led Chips: Cree, Bridgelux etc.

Luminaire efficiency: > 100 lm/W

Residual flux and dispersion: 80/20 or 70/30

Led Feed Current: 350/530/700 mA

Power Factor: >0,95

Working Temperature: -40 ° C/+55 ° C

Life Span: > 50.000 h, L80B20

Colour Rendering Index (CRI): > 70

Colour Temperature: WW (3000-4000 °K) – NW (3700-5000 °K)
– CW (5000-6500 °K)

WW (Warm White) – NW (Natural White) – CW (Cold White)

Operation segment

Outdoor, public area, street

Main Features

Screen: High pressure die-cast aluminium housing, rugged steel, PMMA

Finishing: Powder Coating

Closure: Screen with tempered clear or frosted glass

Adjustable fixing system: Top or Side mounting

Integrated surge protection device: Yes

Warranty: 3-5 years

Driver: included

Angle: different



Données Techniques Générales

Indice de Protection: IP 65, IP 66

Homologation: CE et UL

Tension d'alimentation: 100/240 V, 110-220 V- 50/60 Hz

LED: CREE, BRIDGELUX

Efficacité lumineuse: > 100 lm/W

Dispersion: 80/20 ou 70/30

Courant d'alimentation: 350/530/700 mA

Facteur de puissance: > 0.95

Température ambiante: - 40 °C / + 55 °C

Durée de vie moyenne: > 50.000 heures

CRI: Ra >70

Température de couleur: WW (3000-4000 °K) | NW (3700-5000 °K) | CW (5000-6500 °K)

Domaine d'application

Espaces publics, routier

Caractéristiques principales

1. Structure: en aluminium moulé sous pression, verre
2. Peinture: revêtement par poudre
3. Type de branchement: sur un support de 60mm de diamètre
4. Fermeture: verre trempé transparent ou opalin
5. Système de montage: de tête ou de côté
6. Dispositif de protection interne contre les surtensions: Oui
7. Classe de protection: I



Dati Tecnici Generali

Grado di isolamento: IP 65, IP 66

Omologazione: CE e UL

Tensione di alimentazione: 100/240 V, 110-220 V- 50/60 Hz

LED: CREE, BRIDGELUX

Efficienza Luminosa: > 100 lm/W

Dispersione: 80/20 oppure 70/30

Correnti di alimentazioni: 350/530/700 mA

Fattore di potenza: > 0.95

Temperatura ambiente: - 40 °C / + 55 °C

Vita media: > 50.000 ore

CRI: Ra >70

Temperatura di colore: WW (3000-4000 °K) | NW (3700-5000 °K) CW (5000-6500 °K)

Settore di applicazione

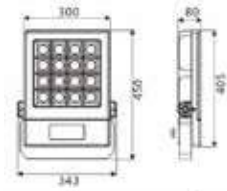
Spazi pubblici, strade

Principali caratteristiche

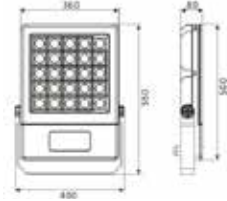
1. Struttura: in alluminio pressofuso, vetro
2. Verniciatura: a polvere
3. Tipo di innesto: su supporto diam. 60 mm.
4. Chiusura: vetro temperato trasparente od opalino
5. Sistema di montaggio: di testa o di lato
6. Dispositivo di protezione interno ai picchi di tensione: SI
7. Classe di isolamento: I

TYPES

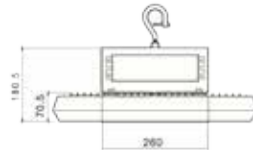
FB21301



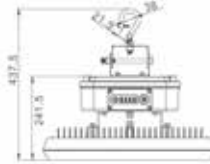
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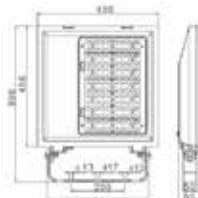
NGC-LED-01



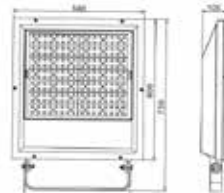
NGC-LED-51



NTG-LED-61

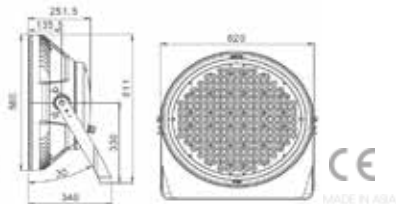


NTG-LED-71

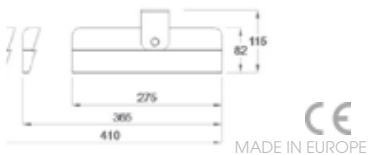


5 LED FLOOD LIGHTING

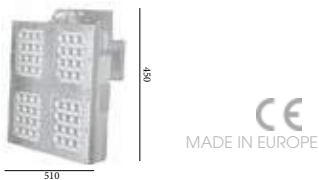
NTG-LED-81



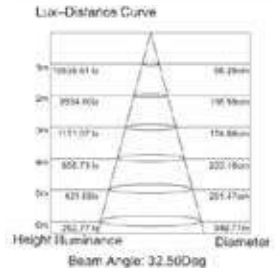
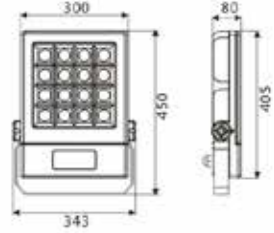
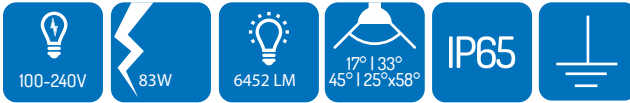
BRT ABIES



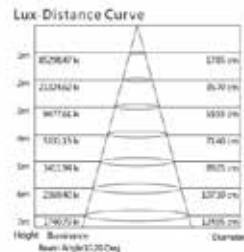
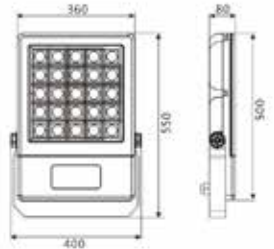
BRT MALVA



FB21301



FB21401



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5 LED FLOOD LIGHTING

Body finish available



matt black



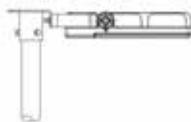
matt silver



matt white



HP01690



Installation Drawing 1



Installation Drawing 2

Six Characteristics

1



Highly efficient heat dissipation through special Al-labyrinth design; optimal airflow for better heat dissipation, by convection.

2



Depending on various mounting locations, the brackets can be adjusted 90° in both directions. Multi-angle installation design! Suitable for different mounting situations.

3



Depending on the illumination required, one of four factory-fixed beam widths can be ordered:
* narrow, middle, wide or ellipse beam *

5



The diffuser is made of tempered glass and can support 6 times its own weight! Good water resistency (IP65)! Easy installation and simple maintenance.

4

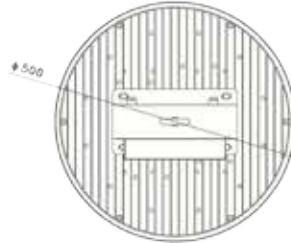
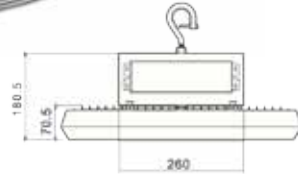


The Junction box can be opened independently from the main housing, allowing for easy cable connection.

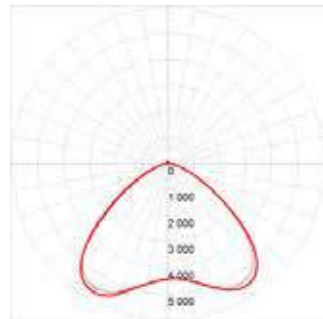
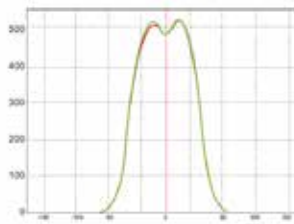
6



Allowing the power efficiency to reach more than 93% resulting in high performance stability.



NGC-LED-01

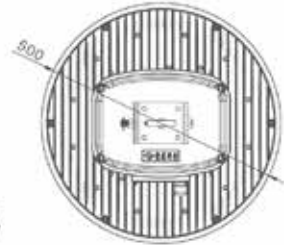
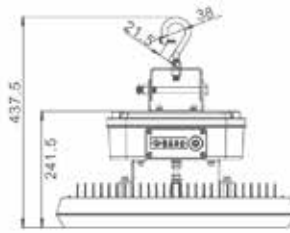


All the products are updated on our website: www.brtes.com

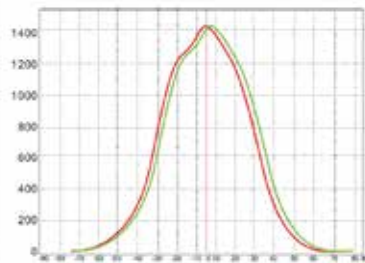
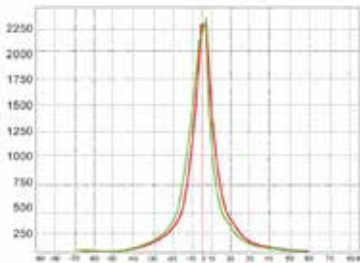
5 LED FLOOD LIGHTING

N. LEDS	LED Current	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
76	350mA	85W	9350lm
	530mA	130W	13650lm
	700mA	165W	16500lm
112	350mA	120W	13200lm
	530mA	180W	18900lm
	700mA	250W	25000lm

*CCT is Cool White @ 25°C



NTG-LED-51

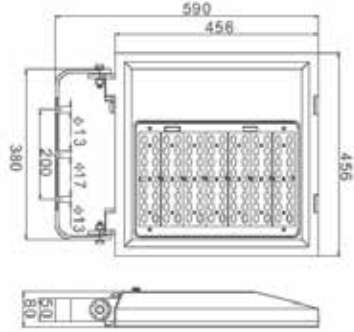


All the products are updated on our website: www.brtes.com

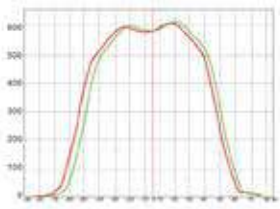
5 LED FLOOD LIGHTING

N. LEDS	LED Current	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
50	350mA	55W	5775lm
	530mA	80W	8400lm
	700mA	---	---

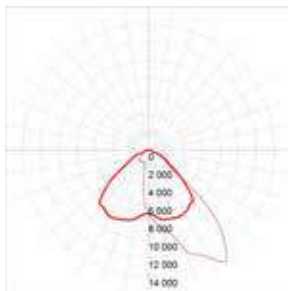
*CCT is Cool White @ 25°C



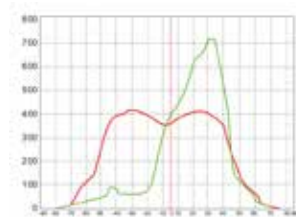
NTG-LED-61



NTG-LED-61



NTG-LED-61

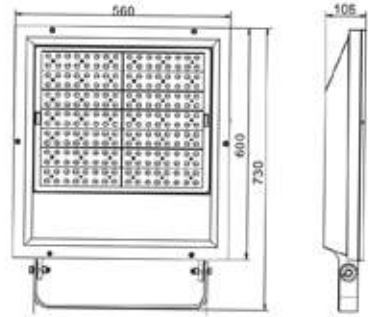
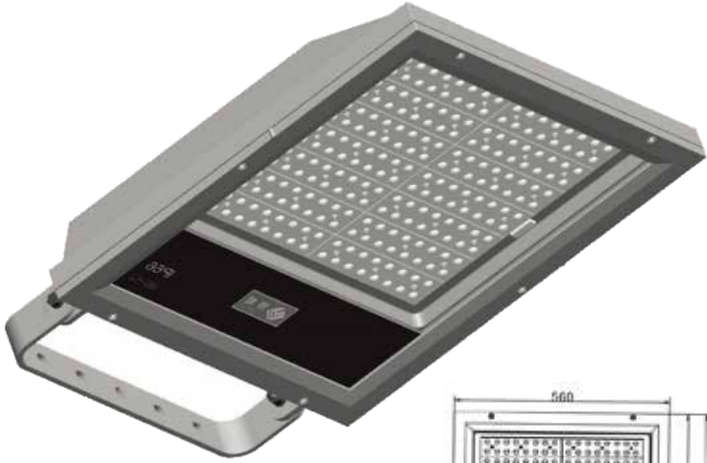


All the products are updated on our website: www.brtes.com

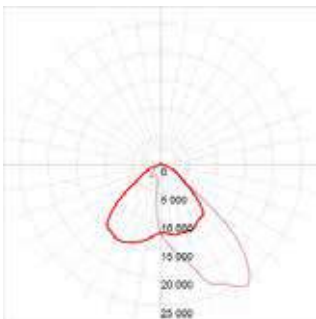
5 LED FLOOD LIGHTING

N. LEDS	LED Current	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
80	350mA	90W	9900lm
	530mA	135W	14175lm
	700mA	175W	17500lm
96	350mA	105W	11550lm
	530mA	160W	16800lm
	700mA	200W	20000lm
112	350mA	120W	12300lm
	530mA	180W	15900lm
	700mA	250W	25000lm

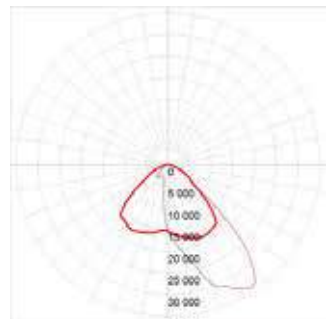
*CCT is Cool White @ 25°C



NTG-LED-71



NTG-LED-71



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5 LED FLOOD LIGHTING

N. LEDS	LED Current	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
192	700mA	420W	42000lm
224	700mA	500W	50000lm

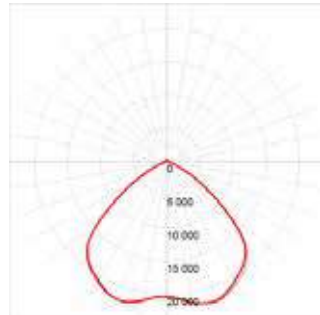
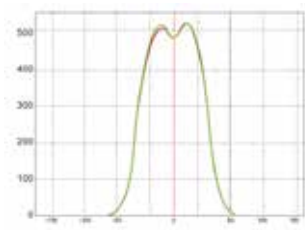
*CCT is Cool White @ 25°C



NTG-LED-81



NTG-LED-81



All the products are updated on our website: www.brtes.com

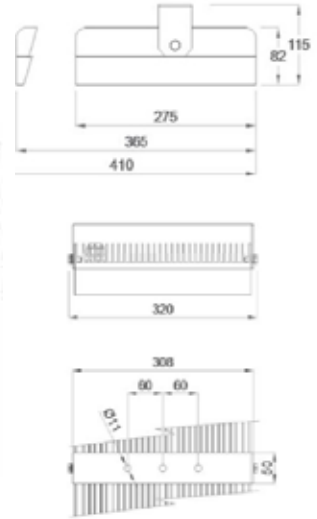
5 LED FLOOD LIGHTING

N. LEDS	LED Current	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
184	700mA	400W	40000lm
224	700mA	500W	50000lm

*CCT is Cool White @ 25°C

BRT ABIES

new



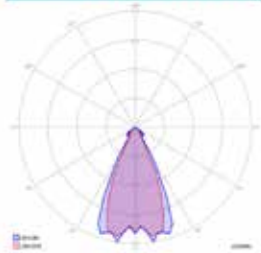
**AURA ABIES
OPTIC GICX01**



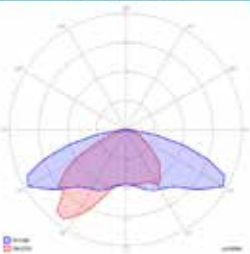
**AURA ABIES
OPTIC GIST01 - NARROW**



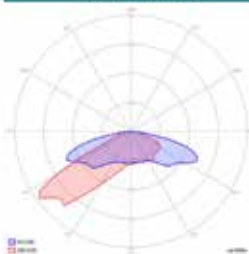
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OPTIC GIST01 WIDE**



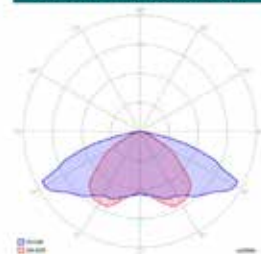
**AURA ABIES
OPTIC SLST01**



**AURA ABIES
OPTIC SLCX02**



**AURA ABIES
OPTIC SLST01 SYMMETRIC**



All the products are updated on our website: www.brtes.com

5 LED FLOOD LIGHTING

TYPE	SYSTEM POWER (W)	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	COLOUR TEM. (K)	WEIGHT (Kg)
ABS01W08013654ST Asym	80	8748	109	4000	7
ABS01W08013654ST Wide	80	8748	109	4000	7
ABS01N12013654ST Asym I	120	13608	113	4000	8.6
ABS01W12013654ST Asym II	120	13608	113	4000	8.6
ABS01W18513654ST Asym	185	19926	108	4000	9.5
ABS01N18513654ST Narrow	185	19926	108	4000	9.5
ABS01W24013654ST Asym	245	26050	106	4000	12



The residential sector presents a large variety of products and styles. In this catalogue only a minimal part of the complete set of products available is displayed.

The products highlighted are aimed at the lighting of facades of buildings. It can be offered with white light LEDs or RGB ones. The luminaire can be utilised stand alone or assembled in groups, power supplied and interconnected with weatherproof cables.



L'industrie de l'éclairage pour l'usage résidentiel est variée dans ce catalogue. Nous avons inséré seulement une partie de la production, en essayant de promouvoir des produits qui, bien que désormais devenus des standards internationaux, possèdent des caractéristiques de design ou d'illuminotechnique qui se détachent de la moyenne.



Il settore dell'illuminazione per applicazioni residenziali è ampio ed articolato nel presente catalogo abbiamo inserito solo una minima parte della produzione avendo cura di valorizzare quei prodotti che, pur essendo ormai diventati degli standard internazionali, posseggono delle caratteristiche di design o illuminotecniche che si discostano dalla media.



Technical Details

Insulation Class: I,

Protection Degree: IP 20

Certifications: CE – UL – Rhos

Voltage: 110/240 V – 50/60 Hz

Rated Voltage: dc 12-24

Led Chips: Cree XP, SMD 3030 etc.

Luminaire efficiency: different

Residual flux and dispersion: 80/20 or 70/30

Led Feed Current: different

Power Factor: >0,90

Working Temperature: -40 ° C/+55 ° C

Life Span: > 50.000 h

Colour Rendering Index (CRI): > 80

Colour Temperature: WW (3000-3700 °K) – NW (3700-5000 °K)
– CW (5000-6500 °K)

WW (Warm White) – NW (Natural White) – CW (Cold White)

Operation segment

Office, retail, school

Main Features

Screen: aluminium, iron, polycarbonate

Finishing: NA

Closure: NA

Adjustable fixing system: Ceiling mounting

Integrated surge protection device: Yes

Driver: included (stand-alone use), not included if used in
multi assembling

Warranty: 3-5 years



Données Techniques Générales

Indice de Protection: IP 20

Homologation: CE

Tension d'alimentation: 110/240 V – 50/60 Hz

LED: COB

Efficacité lumineuse: > 100 lm/W

Dispersion: 80/20 ou 70/30

Courant d'alimentation: divers

Facteur de puissance: > 0.90

Température ambiante: - 20 °C / + 60 °C

Durée de vie moyenne: > 50.000 heures

CRI: > 80

Température de couleur: WW (3000-3700 °K) | NW (3700-5000 °K) | CW (5000-6500 °K)

Domaine d'application

Résidence, écoles, magasins

Caractéristiques principales

1. Structure: Aluminium, polycarbonate, fer
2. Peinture: peinture électrostatique
3. Type de branchement: NA
4. Fermeture: Verre résistant jusqu'à 20 kN
5. Système de montage: au plafond
6. Dispositif de protection interne contre les surtensions: Oui
7. Classe de protection: I
8. Driver: Externe inclus



Dati Tecnici Generali

Grado di isolamento: IP 20

Omologazione: CE

Tensione di alimentazione: 110/240 V – 50/60 Hz

LED: CREE XP

Efficienza Luminosa: > 100 lm/W

Dispersione: 80/20 oppure 70/30

Correnti di alimentazioni: vari

Fattore di potenza: > 0.90

Temperatura ambiente: - 20 °C / + 60 °C

Vita media: > 50.000 ore

CRI: > 80

Temperatura di colore: WW (3000-3700 °K) | NW (3700-5000 °K) | CW (5000-6500 °K)

Settore di applicazione

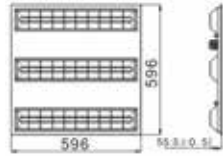
Uffici, magazzini, scuole

Principali caratteristiche

1. Struttura: alluminio, polycarbonato, ferro
2. Verniciatura: verniciatura elettrostatica
3. Tipo di innesto: NA
4. Chiusura: vetro resistente fino a 20 kN
5. Sistema di montaggio: ad incasso a soffitto
6. Dispositivo di protezione interno ai picchi di tensione: SI
7. Classe di isolamento: I
8. Driver: incluso

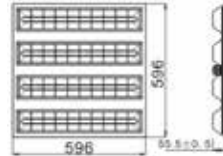
TYPES

CU00201



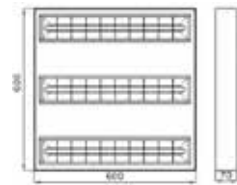
MADE IN ASIA

CU00301



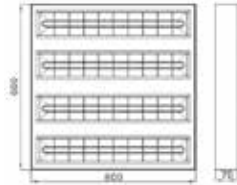
MADE IN ASIA

CU00203



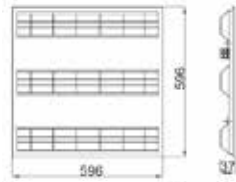
MADE IN ASIA

CU00303



MADE IN ASIA

CU01751



MADE IN ASIA

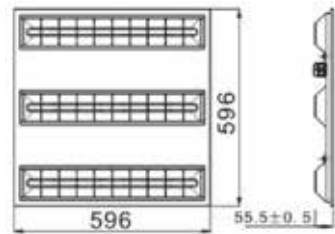
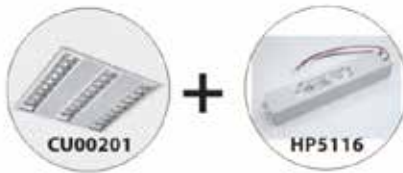
CU01752



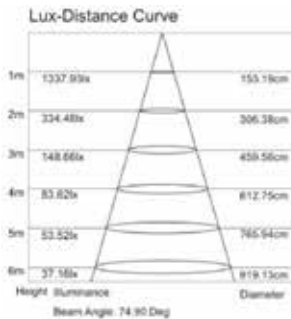
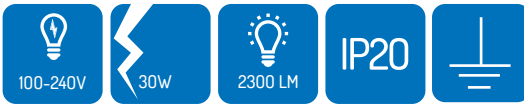
MADE IN ASIA

6 LED GRID LIGHTING





CU00201



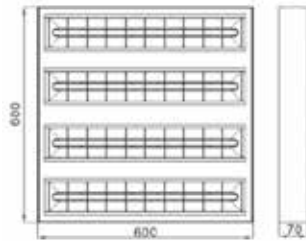
All the products are updated on our website: www.brtes.com

6 LED GRID LIGHTING

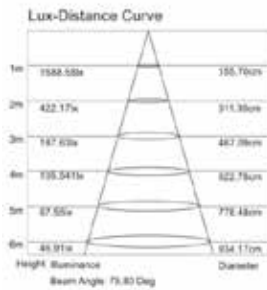
N. LEDS	LED FREQUENCY (HZ)	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
3X60	50/60Hz	30W	2300lm



+



CU00301

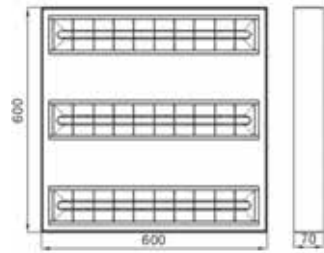


All the products are updated on our website: www.brtes.com

6 LED GRID LIGHTING

N. LEDS	LED FREQUENCY (HZ)	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
4X60	50/60Hz	38W	3000lm

new



CU00203

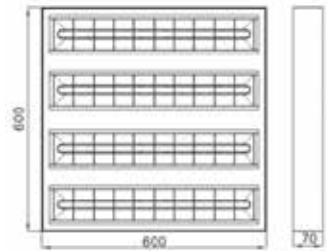


All the products are updated on our website: www.brtes.com

6 LED GRID LIGHTING

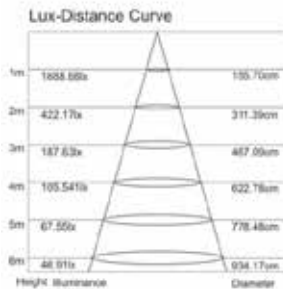
N. LEDS	LED FREQUENCY (HZ)	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
3X60	50/60Hz	30W	2300lm

new



CU00303

- 
100-240V
- 
38W
- 
3000 LM
- IP20**
- 



All the products are updated on our website: www.brtes.com

6 LED GRID LIGHTING

N. LEDS	LED FREQUENCY (HZ)	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
3X60	50/60Hz	38W	3000lm



These lamps are mainly installed in high ceiling industrial buildings as a replacement for traditional high power metal halide or low/high pressure sodium (HPS) in the typical bell shaped body.

The product choice has been determined by the need of the availability of complete families of models able to address the most part of the technical requests of the application sector.

All the products have a circular body, with a robust metal hook which makes it easy to install the lamp also in difficult conditions.

The lamp is manufactured with robust metal finishing (die-cast body and powder coating) in order to withstand difficult environmental working conditions.

The very good ratio lumen/watt makes it ideal to achieve optimal energy savings and reduced investment payback periods.



Les appareils d'éclairage de ce type, principalement utilisés dans le domaine industriel, remplacent les anciens systèmes aux halogénures métalliques ou à sulfure de sodium, c'est-à-dire les cloches traditionnelles qu'il est possible de voir dans les usines.

Le système est circulaire et dispose d'un solide système d'accrochage. Grâce à ses qualités de résistance et de fiabilité il peut effectuer les tâches prévues, même dans des environnements particulièrement agressifs. Le rapport optimal lumen/watt, en fait un très bon produit d'un point de vue de l'économie énergétique.



Prevalentemente utilizzati in ambito industriale gli apparecchi illuminanti di questo tipo vanno a sostituire i vecchi sistemi a ioduri metallici o a solfuri di sodio, le tradizionali campane che si vedono nelle fabbriche. Il sistema è circolare, dotato di un robusto sistema di aggancio, con elevate doti di resistenza ed affidabilità può svolgere egregiamente i compiti previsti anche in quegli ambienti particolarmente aggressivi. L'ottimo rapporto lumen/watt ne fa anche un ottimo prodotto dal punto di vista del risparmio energetico.



Technical Details

Insulation Class: I

Protection Degree: IP 65, IP 66

Certifications: CE – UL – Rhos

Rated Voltage: 120/277 V – 50/60 Hz

Led Chips: Cree, Bridgelux, Nichia LED etc.

Luminaire efficiency: > 100 lm/W

Residual flux and dispersion: 80/20 or 70/30

Led Feed Current: 350/530/700 mA

Power Factor: >0,95

Working Temperature: -40 ° C/+55 ° C

Life Span: > 50.000 h

Colour Rendering Index (CRI): > 70

Colour Temperature: WW (3000-3700 °K) – NW (3700-5000 °K)

– CW (5000-6500 °K)

WW (Warm White) – NW (Natural White) – CW (Cold White)

Operation segment

Industry, warehouse

Main Features

Screen: High pressure die-cast aluminium housing

Finishing: Powder Coating

Closure: Screen with tempered clear or frosted glass

Adjustable fixing system: Top or Side mounting

Integrated surge protection device: Yes

Warranty: 3-5 years

7 LED HIGH BAY LIGHTING



Données Techniques Générales

Indice de Protection: IP 65, IP 66

Homologation: CE et UL

Tension d'alimentation: 120/277 V – 50/60 Hz

LED: Cree, Bridgelux, Nichia LED etc

Efficacité lumineuse: > 100 lm/W

Dispersion: 80/20 ou 70/30

Courant d'alimentation: 350/530/700 mA

Facteur de puissance: > 0.95

Température ambiante: - 40 °C / + 55 °C

Durée de vie moyenne: > 50.000 heures

CRI: 70 < Ra < 85

Température de couleur: WW (3000-3700 °K) | NW (3700-5000 °K) | CW (5000-6500 °K)

Domaine d'application

Industriels, entrepôts

Caractéristiques principales

1. Structure: en aluminium moulé sous pression
2. Peinture: revêtement par poudre
3. Type de branchement: sur un support de 60mm de diamètre
4. Fermeture: verre trempé transparent ou opalin
5. Système de montage: de tête ou de côté
6. Dispositif de protection interne contre les surtensions: Oui
7. Classe de protection: I



Dati Tecnici Generali

Grado di isolamento: IP 65, IP 66

Omologazione: CE e UL

Tensione di alimentazione: 120/277 V – 50/60 Hz

LED: Cree, Bridgelux, Nichia LED etc

Efficienza Luminosa: > 100 lm/W

Dispersione: 80/20 oppure 70/30

Correnti di alimentazioni: 350/530/700 mA

Fattore di potenza: > 0.95

Temperatura ambiente: - 40 °C / + 55 °C

Vita media: > 50.000 ore

CRI: 70 < Ra < 85

Temperatura di colore: WW (3000-3700 °K) | NW (3700-5000 °K) CW (5000-6500 °K)

Settore di applicazione

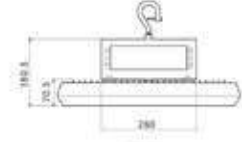
Industrie, magazzini

Principali caratteristiche

1. Struttura: in alluminio pressofuso
2. Verniciatura: a polvere
3. Tipo di innesto: con gancio o a plafone.
4. Chiusura: vetro temperato trasparente od opalino
5. Sistema di montaggio: con gancio o a plafone.
6. Dispositivo di protezione interno ai picchi di tensione: SI
7. Classe di isolamento: I

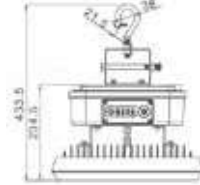
TYPES

NGC-LED-01



MADE IN ASIA

NGC-LED-02



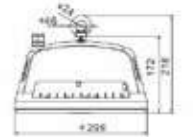
MADE IN ASIA

NGC-LED-03



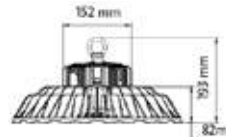
MADE IN ASIA

NGC-LED-04



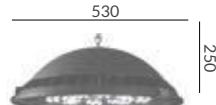
MADE IN ASIA

BRT CERTOS



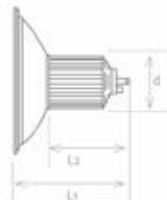
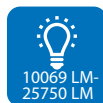
MADE IN EUROPE

BRT PRIMULA



MADE IN EUROPE

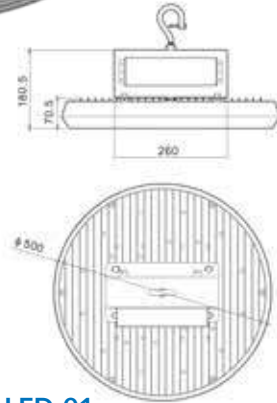
BRT PIPER



MADE IN EUROPE

7 LED HIGH BAY LIGHTING



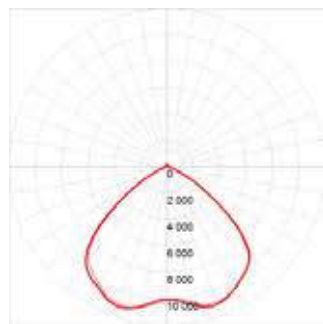
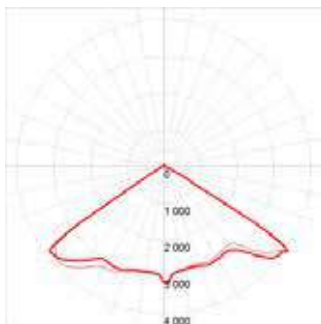


NGC-LED-01

130w 13650 LM IP66

NGC-LED-01

250w 25000 LM IP66

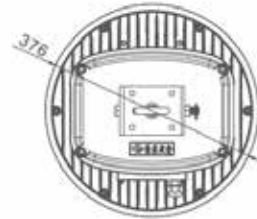
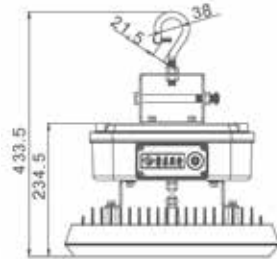


All the products are updated on our website: www.brtes.com

7 LED HIGH BAY LIGHTING

N. LEDS	LED Current	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
76	350mA	85W	9350lm
	530mA	130W	13650lm
	700mA	165W	16500lm
112	350mA	120W	13200lm
	530mA	180W	18900lm
	700mA	250W	25000lm

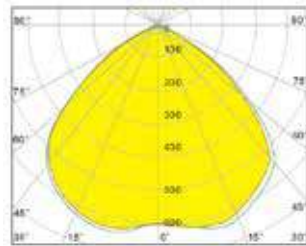
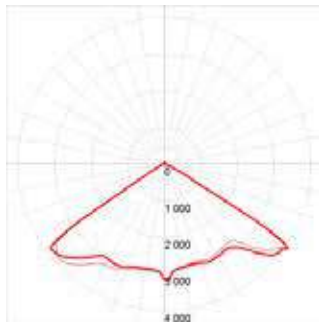
*CCT is Cool White @ 25°C



NGC-LED-02



NGC-LED-02

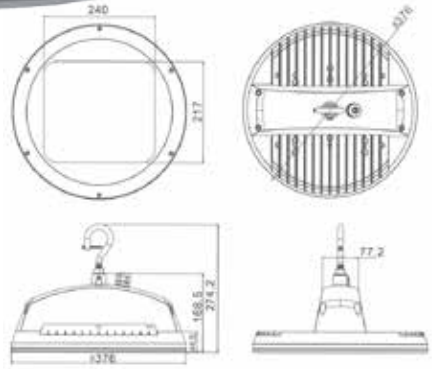


All the products are updated on our website: www.brtes.com

7 LED HIGH BAY LIGHTING

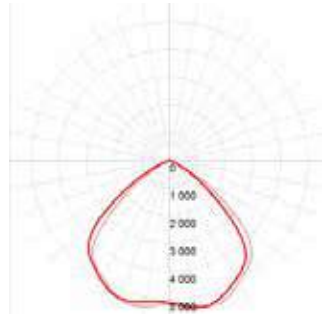
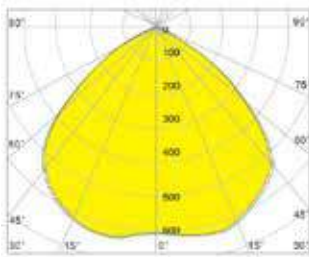
N. LEDS	LED Current	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
48	350mA	50W	5550lm
	530mA	80W	8400lm
	700mA	150W	10500lm
60	350mA	65W	6800lm
	530mA	100W	10500lm
	700mA	130W	13600lm

*CCT is Cool White @ 25°C



NGC-LED-03

NGC-LED-03

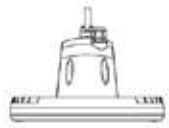
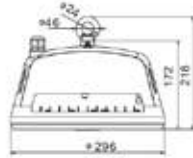
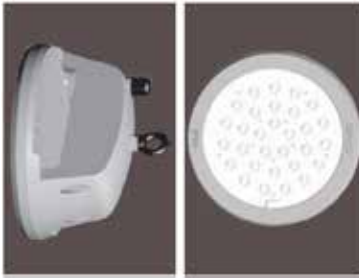


All the products are updated on our website: www.brtes.com

7 LED HIGH BAY LIGHTING

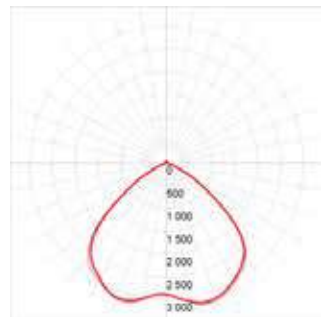
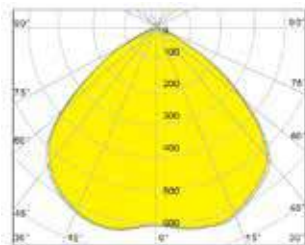
N. LEDS	LED Current	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
48	350mA	50W	5500lm
	530mA	80W	8400lm
	700mA	105W	10500lm
64	350mA	70W	770lm
	530mA	100W	10500lm
	700mA	110W	12000lm

*CCT is Cool White @ 25°C



NGC-LED-04

NGC-LED-04



All the products are updated on our website: www.brtes.com

7^{LED} HIGH BAY LIGHTING

N. LEDS	LED Current	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
30	350mA	33W	3500lm
	530mA	50W	5300lm
	700mA	65W	6800lm

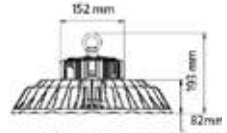
*CCT is Cool White @ 25°C

BRT CERTOS

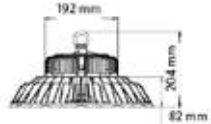
new



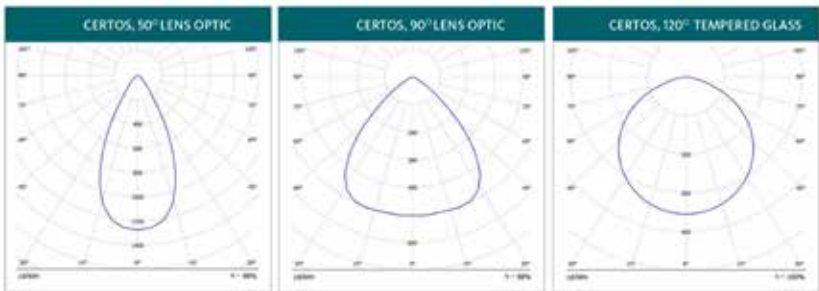
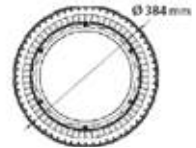
* 3-phase lighting



CERTOS 120 W & 150 W



CERTOS 200 W



All the products are updated on our website: www.brtes.com

7 LED HIGH BAY LIGHTING

TYPE	SYSTEM POWER (W)	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	WEIGHT (kg)
83300102	120	13440	112	6,9
83300103 DALI	120	13440	112	6,8
83300104	150	16800	112	6,9
83300105 DALI	150	16800	112	6,8
83300106	200	22400	112	7,6
83300107 DALI	200	22400	112	7,2



The residential sector presents a large variety of products and styles. In this catalogue only a minimal part of the complete set of products available is displayed.

The products highlighted are aimed at the lighting of facades of buildings. It can be offered with white light Leds or RGB ones. The luminaire can be utilised stand alone or assembled in groups, power supplied and interconnected with weatherproof cables.



L'industrie de l'éclairage pour les applications résidentielles est variée dans ce catalogue. Nous avons inclus seulement une partie de la production, en essayant de promouvoir les produits qui, bien que désormais devenus des standards internationaux, possèdent des caractéristiques du design ou de d'illuminotechnique qui se détachent de la moyenne.



Il settore dell'illuminazione per applicazioni residenziali è ampio ed articolato nel presente catalogo abbiamo inserito solo una minima parte della produzione avendo cura di valorizzare quei prodotti che, pur essendo ormai diventati degli standard internazionali, posseggono delle caratteristiche di design o illuminotecniche che si discostano dalla media.



Technical Details

Insulation Class: I,II

Protection Degree: IP 67

Certifications: CE – UL – Rhos

Voltage: 110/240 V – 50/60 Hz

Rated Voltage: dc 12-24

Led Chips: Cree XP, SMD 3030 etc.

Luminaire efficiency: > 100 lm/W

Residual flux and dispersion: 80/20 or 70/30

Led Feed Current: different

Power Factor: >0,90

Working Temperature: - 20 °C / + 60 °C

Life Span: > 50.000 h

Colour Rendering Index (CRI): > 80

Colour Temperature: WW (3000-3700 °K) – NW (3700-5000 °K)
– CW (5000-6500 °K)

WW (Warm White) – NW (Natural White) – CW (Cold White)

Operation segment

Residence, office, retail, parking

Main Features

Screen: aluminium and glass

Finishing: NA

Closure: NA

Adjustable fixing system: Ground

Integrated surge protection device: Yes

Driver: included (stand-alone use), not included if used in multi assembling

Warranty: 3-5 years

8 LED IN GROUND LIGHTING



Données Techniques Générales

Indice de Protection: IP 67

Homologation: CE

Tension d'alimentation: 110/240 V – 50/60 Hz

LED: Cree XP, SMD 3030 etc.

Efficacité lumineuse: > 100 lm/W

Dispersion: 80/20 ou 70/30

Courant d'alimentation: divers

Facteur de puissance: > 0.90

Température ambiante: - 20 °C / + 60 °C

Durée de vie moyenne: > 50.000 heures

CRI: > 80

Température de couleur: WW (3000-3700 °K) | NW (3700-5000 °K) | CW (5000-6500 °K)

Domaine d'application

Résidence, bureaux, magasins, parking

Caractéristiques principales

1. Structure: ST304 et aluminium
2. Peinture: peinture électrostatique
3. Type de branchement: NA
4. Fermeture: Verre résistant jusqu'à 20 kN
5. Système de montage: au sol
6. Dispositif de protection interne contre les surtensions: Oui
7. Classe de protection: I, II
8. Driver: Inclus



Dati Tecnici Generali

Grado di isolamento: IP 67

Omologazione: CE

Tensione di alimentazione: 110/240 V – 50/60 Hz

LED: Cree XP, SMD 3030 etc.

Efficienza Luminosa: > 100 lm/W

Dispersione: 80/20 oppure 70/30

Correnti di alimentazioni: vari

Fattore di potenza: > 0.90

Temperatura ambiente: - 20 °C / + 60 °C

Vita media: > 50.000 ore

CRI: > 80

Temperatura di colore: WW (3000-3700 °K) | NW (3700-5000 °K) | CW (5000-6500 °K)

Settore di applicazione

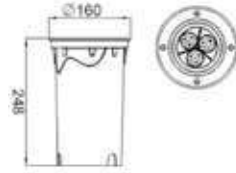
Residenze, uffici, magazzini, negozi, parcheggi

Principali caratteristiche

1. Struttura: ST304 e alluminio
2. Verniciatura: verniciatura elettrostatica
3. Tipo di innesto: NA
4. Chiusura: vetro resistente fino a 20 kN
5. Sistema di montaggio: a terra
6. Dispositivo di protezione interno ai picchi di tensione: SI
7. Classe di isolamento: I, II
8. Driver: incluso

TYPES

GE06301



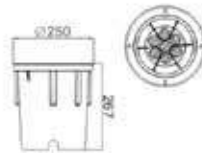
CE
MADE IN ASIA

GE06401



CE
MADE IN ASIA

GE06501



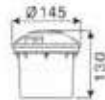
CE
MADE IN ASIA

GE00402



CE
MADE IN ASIA

GE00404



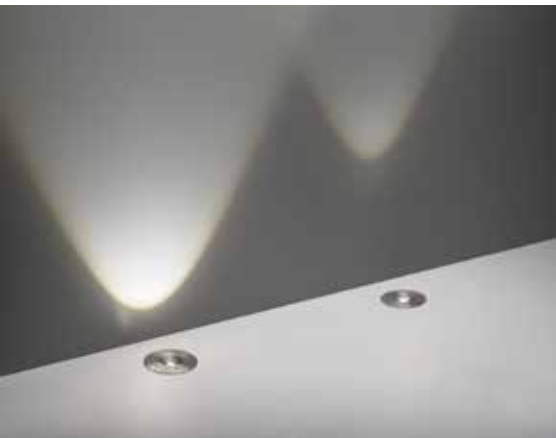
CE
MADE IN ASIA

HLE00905



CE
MADE IN ASIA

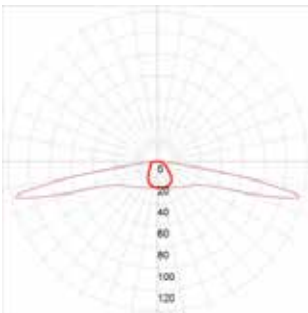
8 LED IN GROUND LIGHTING





GE06301

100-240V
 16W
 1100 LM
 10° | 17°
33° | 45°
 IP67



Use Distance Curve

1m	7012.83 x	22.67cm
2m	1752.49 x	55.16cm
3m	770.21 x	97.72cm
4m	438.50 x	139.29cm
5m	260.55 x	162.86cm
6m	184.85 x	184.43cm
7m	141.54 x	208.00cm
8m	100.58 x	240.58cm
9m	68.99 x	269.15cm
10m	50.16 x	325.72cm
Height	Illuminance	Diameter
Beam Angle: 18.50Deg		





All the products are updated on our website: www.brtes.com

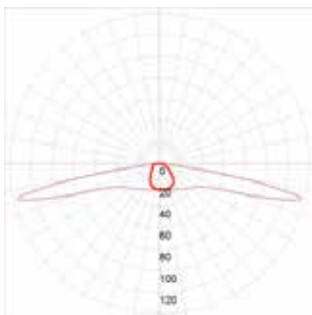
8 LED IN GROUND LIGHTING

N. LEDS	LED FREQUENCY (Hz)	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
9	50/60Hz	16W	1100lm



GE06401

 100-240V	 25.8W	 1750 LM	 10° 17° 33° 45°	IP67	
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1m Distance Curve

Height	Beam Diameter	Beam Diameter
1m	1248.20mm	32.36cm
2m	3111.80mm	84.75cm
3m	1382.80mm	37.16cm
4m	777.80mm	129.57cm
5m	497.80mm	181.96cm
6m	348.70mm	134.35cm
7m	254.00mm	228.75cm
8m	194.80mm	298.14cm
9m	153.80mm	281.54cm
10m	134.80mm	323.93cm

Beam Angle: 18.40Deg

All the products are updated on our website: www.brtes.com






8 LED IN GROUND LIGHTING

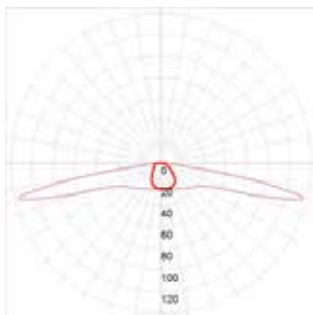
N. LEDS	LED FREQUENCY (Hz)	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
15	50/60Hz	28,5W	1750lm

new



GE06501

- 
 100-240V
- 
 38.4W
- 
 2300 LM
- 
 10° | 17°
33° | 45°
- IP67**
- 



Look-Distance Curve

1m	15226.41x	32.27mm
2m	3895.35x	64.43mm
3m	1863.27x	96.64mm
4m	962.46x	128.86mm
5m	608.58x	161.07mm
6m	423.32x	193.28mm
7m	311.25x	225.50mm
8m	236.12x	257.71mm
9m	188.14x	289.92mm
10m	152.26x	322.14mm
Height	Beamwidth	Diameter

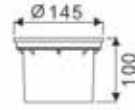
Beam Angle: 15.30Deg

All the products are updated on our website: www.brtes.com

8 LED IN GROUND LIGHTING

N. LEDS	LED FREQUENCY (Hz)	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
21	50/60Hz	38,4W	2300lm

new



GE00402



new



GE00403

GE00404



All the products are updated on our website: www.brtes.com

8 LED IN GROUND LIGHTING

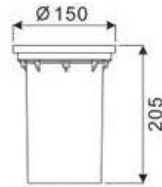
GE00402

N. LEDS	LED FREQUENCY (Hz)	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
3	50/60Hz	3W	300lm

GE00404

N. LEDS	LED FREQUENCY (Hz)	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
28	50/60Hz	2,3W	140lm

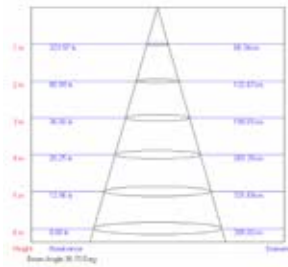
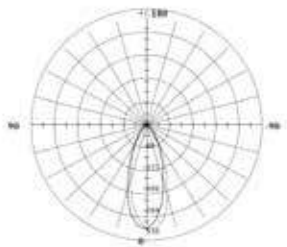
new



HLE00905

- 
220-240V
- 
10W
- 
530 LM
- 
15°
- IP67**
- 

Light Distribution Curve (Unit: cd)



All the products are updated on our website: www.brtes.com

8 LED IN GROUND LIGHTING

N. LEDS	LED FREQUENCY (Hz)	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
1	50Hz	10W	530lm



The products of this section have been designed and engineered to be installed in industrial premises for general lighting and for accent lighting of working posts, ware-houses with shelves, cold storage, private and public underground parking and for wide covered areas.

Achieving an effective lighting installation also has security implications for the working conditions and safety of the employees. The lifetime of the lighting equipment is important, since maintenance is difficult as the ceiling height often makes it hard to access. By using highly efficient luminaires and light sources you can reduce your energy consumption. This saves both money and reduces CO2 emissions. Our sustainable lighting solutions are energy efficient and long lasting.



Les produits de ce type ont été conçus pour des environnements industriels, tels que les entrepôts, les centres logistiques, les parkings privés et publics et en général pour tous les environnements couverts de grande surface. Une installation d'éclairage efficace joue un rôle essentiel en ce qui concerne la sécurité des employés et leurs conditions de travail. Étant donné que la hauteur des plafonds contraint l'accès aux installations et aux activités de maintenance, la durée de vie de l'équipement d'éclairage est importante.

L'utilisation de luminaires et de sources lumineuses à haute efficacité permet de réduire la consommation énergétique, d'économiser de l'argent et de diminuer les émissions de CO₂. Nos solutions d'éclairage durables sont peu énergivores et longue durée.



I prodotti di questa sezione sono stati sviluppati per gli ambienti industriali quali i magazzini, i centri logistici, i parcheggi privati e pubblici ed in genere per tutti gli ambienti di grandi dimensioni coperti.

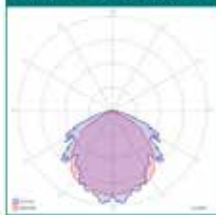
La realizzazione di un impianto di illuminazione efficiente deve soddisfare anche requisiti di sicurezza relativi alle condizioni di lavoro e agli operatori. La durata del dispositivo di illuminazione è importante poiché la manutenzione è difficoltosa, in quanto l'altezza del soffitto generalmente rende l'accesso complicato.

Utilizzando apparecchi di illuminazione e fonti luminose ad elevata efficienza è possibile ridurre il consumo energetico, con un conseguente risparmio economico ed una riduzione delle emissioni di CO₂. Le nostre soluzioni di illuminazione sostenibile sono ad elevata efficienza energetica e di lunga durata.

BRT JUNCUS



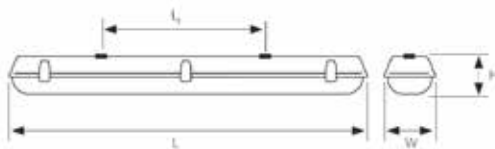
JUNCUS LED (OPAL DIFFUSER)



JUNCUS LED (CLEAR DIFFUSER)



L	W*	H	Lf	Clips	Kg	m3
665	134	98.5	400	6	2,0	0,013
1275	134	98.5	800	8	2,9	0,023
1575	134	98.5	1100	10	3,8	0,028

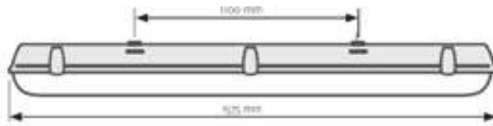


All the products are updated on our website: www.brtes.com

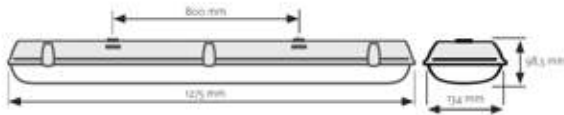
9 LED PLAFONIERE LIGHTING

TYPE	SYTEM POWER (W)	LUMINOUS FLUX (lm)	CRI	WEIGHT (Kg)	K
JNL01W02113654S2	21	2210	>80	2	4000
JNL01W03813654S2	38	4420	>80	2,9	4000
JNL01W04713654S2	42	5520	>80	3,8	4000
JNL01W06513654S2	65	7500	>80	3,9	4000

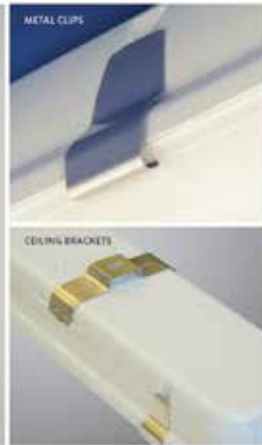
BRT VINZA



VINZA 2X23 W & 2X0



VINZA 2X17 W & 2X



All the products are updated on our website: www.brtes.com

9 LED PLAFONIERE LIGHTING

TYPE	SYTEM POWER (W)	LUMINOUS FLUX (lm)	CRI	WEIGHT (Kg)	K
82125030	39	3920	>80	3,6	4000
82125060	53	5300	>80	4,7	4000



The residential sector presents a large variety of products and styles. In this catalogue only a minimal part of the complete set of products available is displayed.

The products highlighted are aimed at the lighting of facades of buildings. It can be offered with white light Leds or RGB ones. The luminaire can be utilised stand alone or assembled in groups, power supplied and interconnected with weatherproof cables.

10 LED PENDANT LIGHTING



L'industrie de l'éclairage pour l'usage résidentiel est variée dans ce catalogue. Nous avons inséré seulement une partie de la production, en essayant de promouvoir des produits qui, bien que désormais devenus des standards internationaux, possèdent des caractéristiques de design ou d'illuminotechnique qui se détachent de la moyenne.



Il settore dell'illuminazione per applicazioni residenziali è ampio ed articolato nel presente catalogo abbiamo inserito solo una minima parte della produzione avendo cura di valorizzare quei prodotti che, pur essendo ormai diventati degli standard internazionali, posseggono delle caratteristiche di design o illuminotecniche che si discostano dalla media.



Technical Details

Insulation Class: I

Protection Degree: IP 20

Certifications: CE – UL – Rhos

Rated Voltage: dc 12-24

Voltage: 220/240 V – 50/60 Hz

Led Chips: Cree XP, SMD 3030 etc.

Luminaire efficiency: > 100 lm/W

Residual flux and dispersion: 80/20 or 70/30

Led Feed Current: different

Power Factor: >0,95

Working Temperature: - 20 °C / + 25 °C

Life Span: > 58.000 h

Colour Rendering Index (CRI): > 80

Colour Temperature: WW (3000-4000 °K) – NW (3700-5000 °K)

– CW (5000-6500 °K)

WW (Warm White) – NW (Natural White) – CW (Cold White)

Operation segment

Residence, office, retail, school, healthcare

Main Features

Screen: steel, ASA plastic, aluminium and glass

Finishing: NA

Closure: NA

Adjustable fixing system: Ceiling mounting

Integrated surge protection device: Yes

Driver: included (stand-alone use), not included if used in multi assembling

Warranty: 3-5 years

DALI dimmable: available

All the products are updated on our website: www.brtes.com

10 LED PENDANT LIGHTING



Données Techniques Générales

Indice de Protection : IP 20

Homologation : CE

Tension d'alimentation: 220/240 V – 50/60 Hz

LED: Cree XP, SMD 3030 etc.

Efficacité lumineuse : > 100 lm/W

Dispersion : 80/20 ou 70/30

Courant d'alimentation : divers

Facteur de puissance : > 0.95

Température ambiante : - 20 °C / + 25 °C

Durée de vie moyenne : > 58.000 heures

CRI : > 80

Température de couleur : WW (3000-4000 °K) | NW (3700-5000 °K) | CW (5000-6500 °K)

Domaine d'application

Magasins, bureaux, écoles, hôpital, résidence

Caractéristiques principales

1. Structure : Aluminium, acier, plastique
2. Peinture : peinture électrostatique
3. Type de branchement: NA
4. Fermeture : Verre résistant jusqu'à 20 kN
5. Système de montage : au plafond
6. Dispositif de protection interne contre les surtensions : Oui
7. Classe de protection : I



Dati Tecnici Generali

Grado di isolamento: IP 20

Omologazione: CE

Tensione di alimentazione: 220/240 V – 50/60 Hz

LED: Cree XP, SMD 3030 etc.

Efficienza Luminosa: > 100 lm/W

Dispersione: 80/20 oppure 70/30

Correnti di alimentazioni: vari

Fattore di potenza: > 0.95

Temperatura ambiente: - 20 °C / + 25 °C

Vita media: > 58.000 ore

CRI: > 80

Temperatura di colore: WW (3000-4000 °K) | NW (3700-5000 °K) CW (5000-6500 °K)

Settore di applicazione

Residenze, uffici, negozi, scuole, ospedali

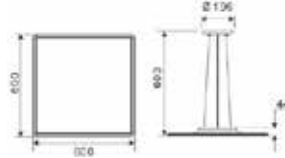
Principali caratteristiche

1. Struttura: Alluminio, acciaio e plastica
2. Verniciatura: verniciatura elettrostatica
3. Tipo di innesto: NA
4. Chiusura: vetro resistente fino a 20 kN
5. Sistema di montaggio: a soffitto
6. Dispositivo di protezione interno ai picchi di tensione: SI
7. Classe di isolamento: I



TYPES

BU00101



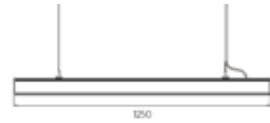
MADE IN ASIA

BRT LEZZON



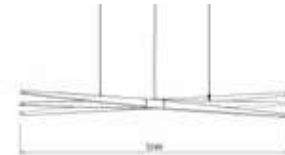
MADE IN EUROPE

BRT EXZITE



MADE IN EUROPE

BRT PROPEL



MADE IN EUROPE

BRT CETRE



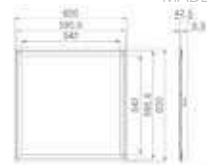
MADE IN EUROPE

BRT NOTUM



MADE IN EUROPE

BRT LUNARIA

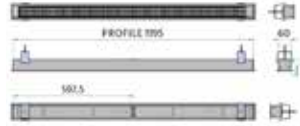


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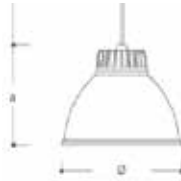
10 LED PENDANT LIGHTING

BRT CARLINA



CE
MADE IN EUROPE

BRT CISTUS



CE
MADE IN EUROPE

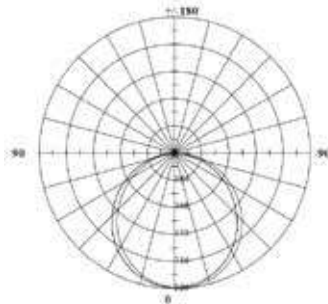
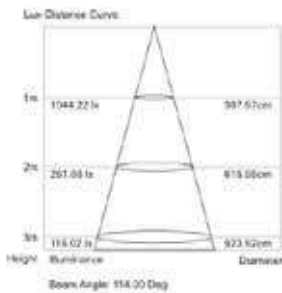
MADE IN ASIA



LED PENDANT LIGHTING 10



BU00101



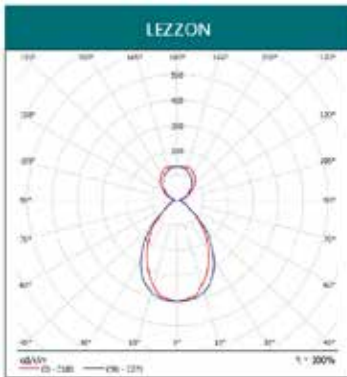
All the products are updated on our website: www.brtes.com

10 LED PENDANT LIGHTING

N. LEDS	LED FREQUENCY (Hz)	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
672	50/60Hz	40W	3360lm

new

BRT LEZZON



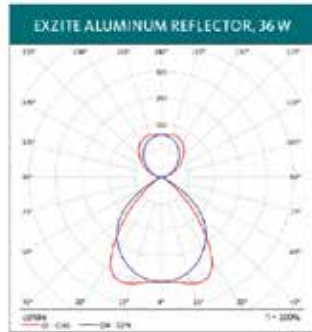
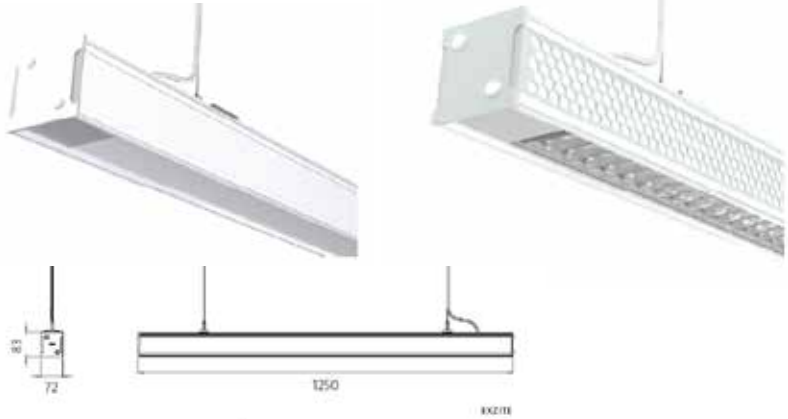
All the products are updated on our website: www.brtes.com

10 LED PENDANT LIGHTING

TYPE	SYSTEM POWER (W)	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	WEIGHT (Kg)
2063.348.00	36	4027	112	6,4
2063.348.20 DALI	36	4027	112	6,4
2063.449.00	36	4148	115	6,4
2063.449.20 DALI	36	4148	115	6,4
2063.355.00	41	4526	111	6,4
2063.355.20 DALI	41	4526	111	6,4
2063.457.00	41	4662	114	6,4
2063.457.20 DALI	41	4662	114	6,4
2063.368.00	53	5637	106	6,4
2063.368.20 DALI	53	5637	106	6,4
2063.470.00	53	5806	110	6,4
2063.470.20 DALI	53	5806	110	6,4
2063.379.00	65	6591	101	6,4
2063.379.20 DALI	65	6591	101	6,4
2063.482.00	65	6789	104	6,4
2063.482.20 DALI	65	6789	104	6,4

new

BRT EXZITE



All the products are updated on our website: www.brtes.com

10 LED PENDANT LIGHTING

TYPE	SYSTEM POWER (W)	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	WEIGHT (Kg)
2082.348.00 3000K	36	4027	112	5,6
2082.449.00 4000K	36	4148	115	6,4
2082.355.00 3000K	41	4526	111	5,6
2082.457.00 4000K	41	4662	114	6,4
2082.368.00 3000K	53	5637	106	5,6
2082.470.00 4000K	53	5806	110	6,4
2082.379.00 3000K	65	6591	101	5,6
2082.482.00 4000K	65	6789	104	6,4

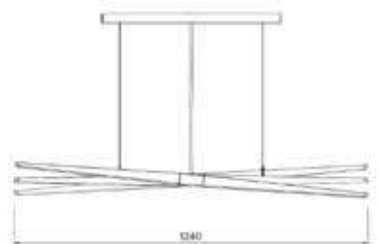
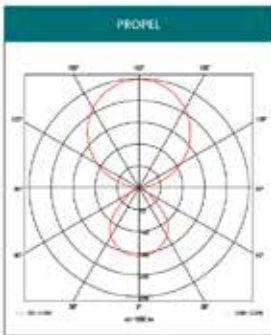
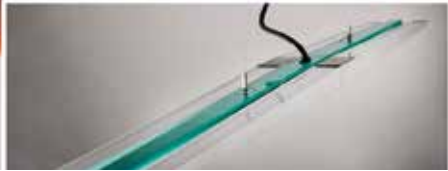
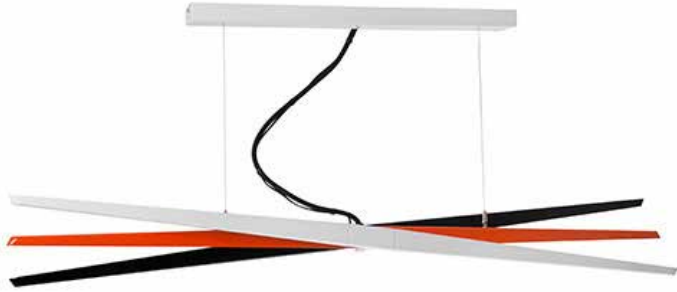
MADE IN EUROPE



LED PENDANT LIGHTING 10

BRT PROPEL

new



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www.brtes.com

10 LED PENDANT LIGHTING

TYPE	SYSTEM POWER (W)	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	WEIGHT (Kg)
2943.392.20 3000 K	80	6560	82	6,0
2943.392.50 3000 K, iDim sensor	80	6560	82	6,1

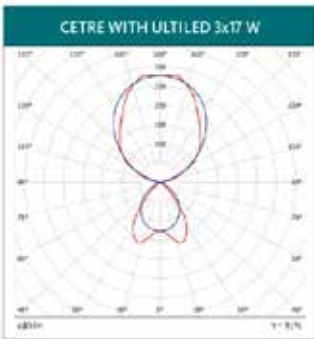
MADE IN EUROPE



LED PENDANT LIGHTING 10

BRT CETRE

new



All the products are updated on our website: www.brtes.com

www.brtes.com

10 LED PENDANT LIGHTING

TYPE	SYSTEM POWER (W)	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	WEIGHT (Kg)
Cetre LED White				
2551.301.00	59	5700	96	5,4
2551.301.20 DALI	59	5700	96	5,4
2551.301.60 pull switch	59	5700	96	5,4
Cetre LED Grey				
2551.301.01	59	5700	96	5,4
2551.301.21 DALI	59	5700	96	5,4
2551.301.61 pull switch	59	5700	96	5,4



CanaLED is an advanced linear LED lighting system, consisting of a series of lighting elements that form a continuous line of light up to 120 meters in length, with just a single connection required at one end.

One of its key advantages is energy saving. CanaLED provides an illumination level equivalent to two T8 tubes, but with 60% lower power consumption.

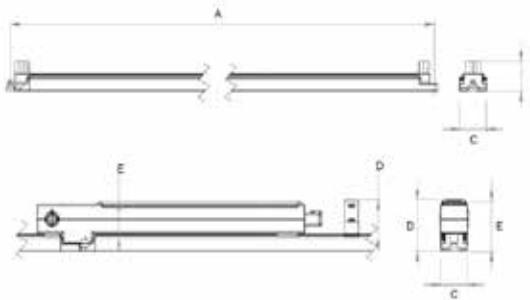
Installation time is also reduced to one third, since the lighting system CanaLED integrates all necessary cabling inside and so does not require any prior electrical installation.



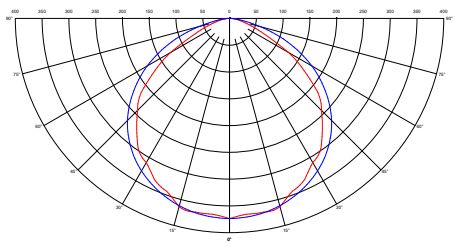
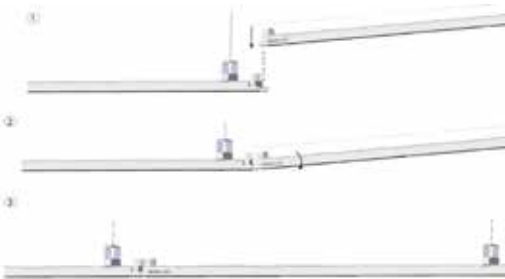
CanaleLED è un avanzato sistema di illuminazione lineare a LED composto da una serie di elementi di illuminazione che formano una linea continua di luce, che può raggiungere una lunghezza massima di 120 metri con un unico collegamento in una delle estremità. Uno dei vantaggi principali è sicuramente il risparmio energetico. CanaleLED fornisce un livello di illuminazione equivalente a due lampade T8 in continuo, ma con un risparmio energetico pari al 60%.

Il tempo di installazione viene ridotto di due terzi poiché il sistema di illuminazione CanaleLED integra al suo interno i cablaggi necessari e non richiede pertanto alcuna precedente installazione elettrica.

BRT CANALED



TYPE	A	B	C	D	E
3 meter elements	2837	51	50	88	85
2 meter elements	1713				



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11 LED CANALED

COD.	DESCR.	TYPE	TEMP. (K)	SYTEM POWER (W)	LUMINOUS FLUX (lm)
C3TZA343340	Canaled 3T	Transparen	4.000	125 W	13400
C3DZA34433350	Canaled 3O	Opal light	4.000	125 W	12910
C2TZA243340	Canaled 2T	Transparen	4.000	76 W	8050
C2DZA243350	Canaled 2O	Opal light	4.000	76 W	7750



**SMR
2006**

EcoEnergy Solution



ENGINEERING



CONTRACTOR



ESCO



**OPERATING &
MAINTENANCE**

SMR 2006 s.r.l. is a company based in Milano and it is operating in the Italian market since ten years.

SMR is a highly specialized Energy Service Company (ESCo) whose technological expertise caters for the development of solutions enabling a rational use of energy resources.

*“Energy costs are getting higher,
and the cheapest energy is the
energy you don't use”*

SMR 2006 s.r.l. Esco Energy Service Company

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20158 Milano
T +39 02 89753177
F +39 02 8975 3178

www.smr2006.com
mail: info@smr2006.com





Available in different versions, the catalog series of products have been created to illuminate urban and suburban roads, parks, squares and city centers, meeting the need for savings in the lighting of cities, utilizing Led technology.

BRT products characteristics evidence quality light, excellent colour output, energy efficiency, contemporary design.

Functionality, versatility are the distinguishing features of these products, in addition to a large variety of solutions and specific mechanical and optical emissions can also be achieved on demand, based on custom technical requests



Les produits du catalogue sont disponibles en plusieurs versions et sont destinés à éclairer les routes urbaines et les voies rapides, les parcs, les places et les centres urbains, en répondant aux besoins actuels en matière d'éclairage à technologie LED. Une lumière de qualité, un excellent rendu des couleurs, une efficacité énergétique, un excellent design compact en ligne avec l'idée de tendance. Fonctionnalité, polyvalence et large variété de solutions sur demande, font de ces produits un très bon choix de technologie. Sur demande, il est également possible d'obtenir des optiques sur mesure, en plus de la gamme normale, déjà complète et capable de faire face à différentes géométries d'installation standard.



Disponibile in più versioni i prodotti inseriti nel catalogo rappresentano quanto necessario per illuminare strade urbane ed extraurbane, parchi, piazze e centri cittadini rispondendo alle attuali esigenze nel campo dell'illuminazione con tecnologia LED. Luce di qualità, eccellente resa cromatica, efficienza energetica, ottimo design compatto in linea con l'idea di tendenza contemporanea.

Funzionalità, versatilità ed ampia varietà di soluzioni ottenibili su richiesta, fanno di questi prodotti una valida scelta tecnologica.

A richiesta sono ottenibili ottiche "custom made" oltre alla normale gamma già completa in grado di far fronte alle diverse geometrie di installazione standard.



Technical Details

Insulation Class: I, II

Protection Degree: IP 66

Certifications: CE – UL – Rhos

Rated Voltage: 120/277 V – 50/60 Hz

Led Chips: Cree, Bridgelux etc.

Luminaire efficiency: > 100 lm/W

Residual flux and dispersion: 80/20 or 70/30

Led Feed Current: 350/530/700 mA

Power Factor: >0,95

Working Temperature: -40 ° C/+55 ° C

Life Span: > 50.000 h

Color Rendering Index (CRI): > 70

Colour Temperature: WW (3000-3700 °K) – NW (3700-5000 °K)

– CW (5000-6500 °K)

WW (Warm White) – NW (Natural White) – CW (Cold White)

Operation segment

Street Lighting

Main Features:

Screen: High pressure die-cast aluminium housing, glass, PMMA

Finishing: Powder Coating

Graft type: on support of 60 mm diameter

Closure: Screen with tempered clear or frosted glass

Adjustable fixing system: Top or Side mounting

Integrated surge protection device: Yes

Warranty: 3-5 years



Données Techniques Générales

Indice de Protection: P 66

Homologation: CE et UL

Tension d'alimentation: 120/277 V – 50/60 Hz

LED: CREE, BRIDGELUX

Efficacité lumineuse: > 100 lm/W

Dispersion: 80/20 ou 70/30

Courant d'alimentation: 350/530/700 mA

Facteur de puissance: > 0.95

Température ambiante: - 40 °C / + 55 °C

Durée de vie moyenne: > 50.000 heures

CRI: Ra >70

Température de couleur: WW (3000-3700 °K) | NW (3700-5000 °K) | CW (5000-6500 °K)

Domaine d'application

Routier

Caractéristiques principales

1. Structure: en aluminium moulé sous pression, verre, PMMA
2. Peinture: revêtement par poudre
3. Type de branchement: sur un support de 60mm de diamètre
4. Fermeture: verre trempé transparent ou opalin
5. Système de montage: de tête ou de côté
6. Dispositif de protection interne contre les surtensions: Oui
7. Classe de protection: I ou IIz



Dati Tecnici Generali

Grado di isolamento: IP 66

Omologazione: CE e UL

Tensione di alimentazione: 120/277 V – 50/60 Hz

LED: CREE, BRIDGELUX

Efficienza Luminosa: > 100 lm/W

Dispersione: 80/20 oppure 70/30

Correnti di alimentazione: 350/530/700 mA

Fattore di potenza: > 0.95

Temperatura ambiente: - 40 °C / + 55 °C

Vita media: > 50.000 ore

CRI: Ra >70

Temperatura di colore: WW (3000-3700 °K) | NW (3700-5000 °K) CW (5000-6500 °K)

Settore di applicazione

Stradale

Principali caratteristiche

1. Struttura: in alluminio pressofuso, vetro, PMMA
2. Verniciatura: a polvere
3. Tipo di innesto: su supporto diam. 60 mm.
4. Chiusura: vetro temperato trasparente od opalino
5. Sistema di montaggio: di testa o di lato
6. Dispositivo di protezione interno ai picchi di tensione: SI
7. Classe di isolamento: I o II

TYPES

NBDD-LED-25A



MADE IN ASIA

NBDD-LED-210



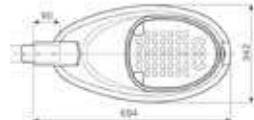
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NBDD-LED-290A



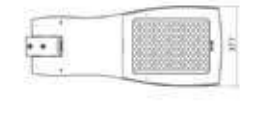
MADE IN ASIA

NBDD-LED-290B



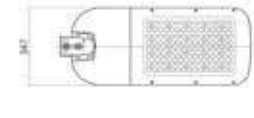
MADE IN ASIA

NBDD-LED-390



MADE IN ASIA

NBDD-LED-400



MADE IN ASIA

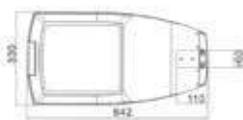
NBDD-LED-400A



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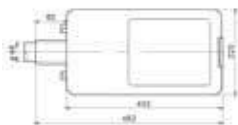
12 LED STREET LIGHTING

NBDD-LED-400B



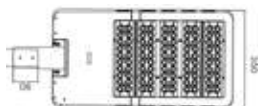
MADE IN ASIA

NBDD-LED-420



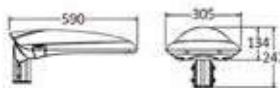
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NBDD-LED-500



MADE IN ASIA

BRT MOLINIA



MADE IN EUROPE

BRT PRUNUS



MADE IN EUROPE

BRT NOCTILED

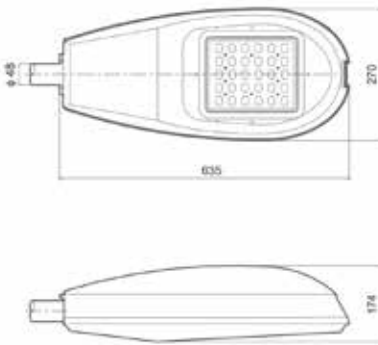


MADE IN EUROPE

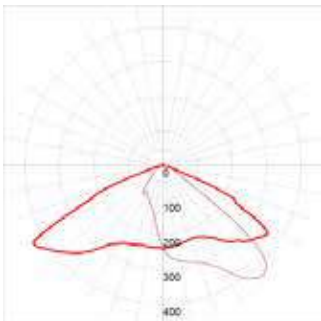
LYTY-LED-6650



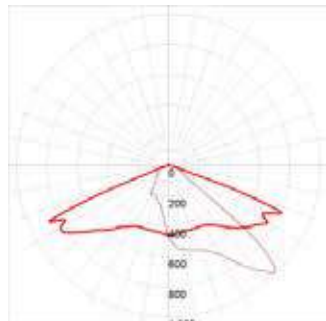
MADE IN ASIA



NBDD-LED-25A



NBDD-LED-25A

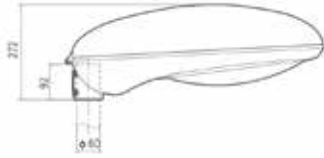
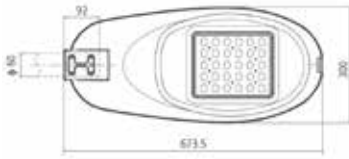


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12 LED STREET LIGHTING

N. LEDs	LED Current	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
18	350mA	20W	2200lm
	530mA	30W	3150lm
	700mA	40W	4000lm
24	350mA	25W	2700lm
	530mA	40W	4200lm
	700mA	52W	5200lm
30	350mA	35W	3850lm
	530mA	50W	5250lm
	700mA	--	--

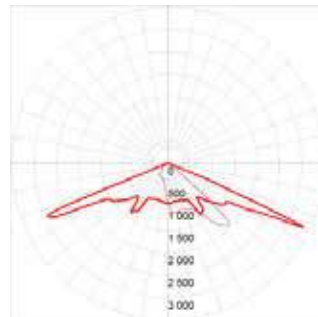
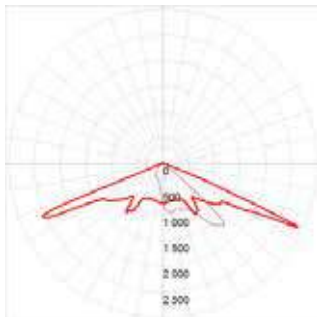
*CCT is Cool White @ 25°C



NBDD-LED-210



NBDD-LED-210

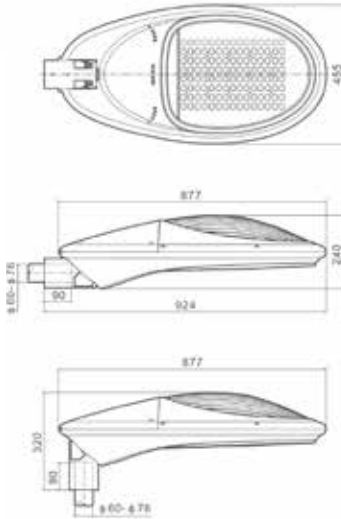


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12 LED STREET LIGHTING

N. LEDS	LED Current	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
18	350mA	20W	2200lm
	530mA	30W	3150lm
	700mA	--	--
24	350mA	25W	2700lm
	530mA	40W	4200lm
	700mA	--	--
30	350mA	35W	3850lm
	530mA	50W	5250lm
	700mA	--	--

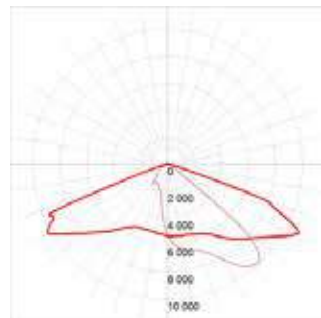
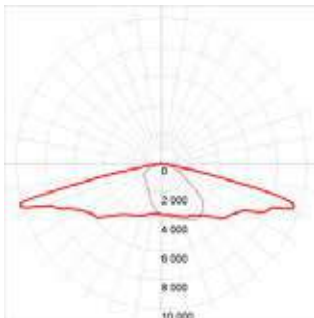
*CCT is Cool White @ 25°C



NBDD-LED-290A



NBDD-LED-290A

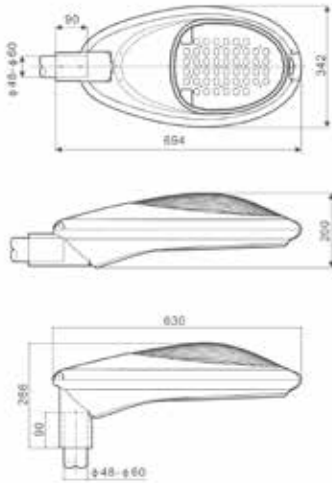


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12 LED STREET LIGHTING

N. LEDS	LED Current	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
90	350mA	100W	11000lm
	530mA	150W	15750lm
	700mA	200W	20000lm
120	350mA	130W	14300lm
	530mA	200W	21000lm
	700mA	--	--

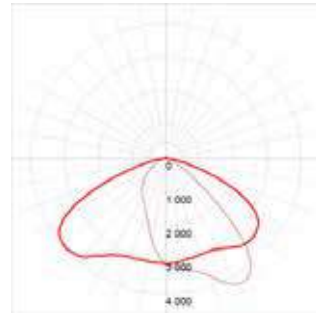
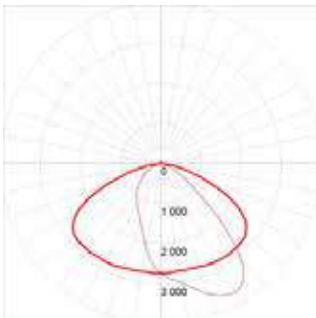
*CCT is Cool White @ 25°C



NBDD-LED-290B



NBDD-LED-290B



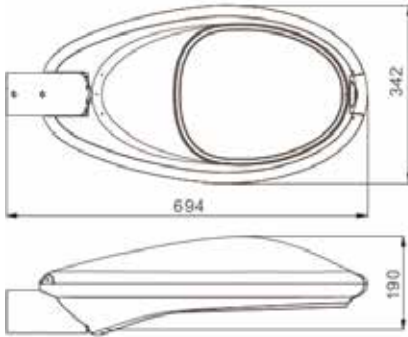
All the products are updated on our website: www.brtes.com

12 LED STREET LIGHTING

N. LEDS	LED Current	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
48	350mA	50W	5500lm
	530mA	80W	8400lm
	700mA	100W	10000lm
60	350mA	65W	7150lm
	530mA	100W	11000lm
	700mA	--	--

*CCT is Cool White @ 25°C

MADE IN ASIA



NBDD-LED-290B(G)

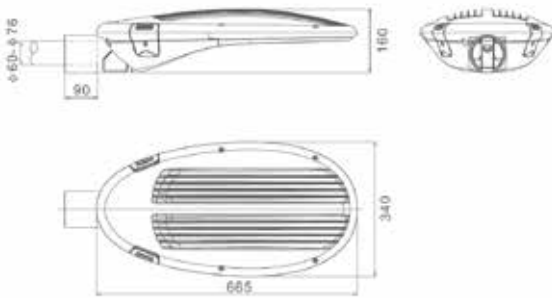


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12 LED STREET LIGHTING

N. LEDS	LED Current	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
48	350mA	50W	5500lm
	530mA	80W	8400lm
	700mA	100W	10000lm
60	350mA	65W	7150lm
	530mA	100W	11000lm
	700mA	--	--

*CCT is Cool White @ 25°C



NBDD-LED-290D

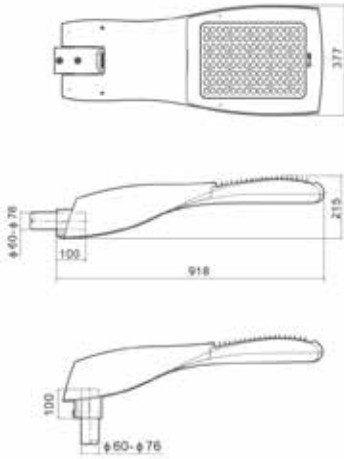


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12 LED STREET LIGHTING

N. LEDS	LED Current	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
72	350mA	80W	8800lm
	530mA	120W	13000lm
	700mA	160W	16800lm

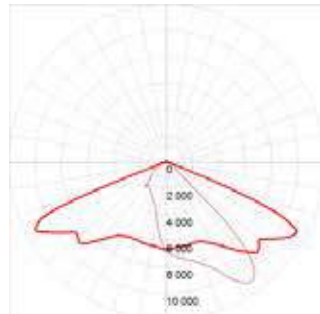
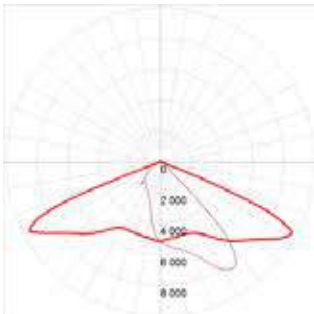
*CCT is Cool White @ 25°C



NBDD-LED-390



NBDD-LED-390

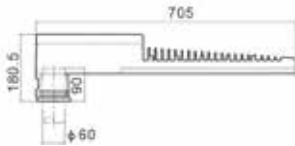
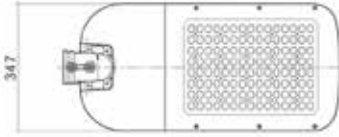


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12 LED STREET LIGHTING

N. LEDS	LED Current	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
90	350mA	100W	11000lm
	530mA	150W	15750lm
	700mA	200W	20000lm
120	350mA	130W	14300lm
	530mA	200W	21000lm
	700mA	--	--

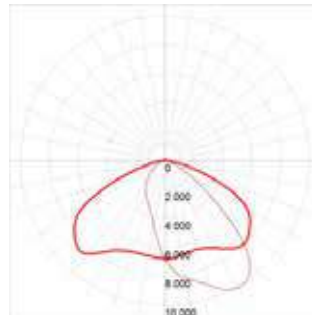
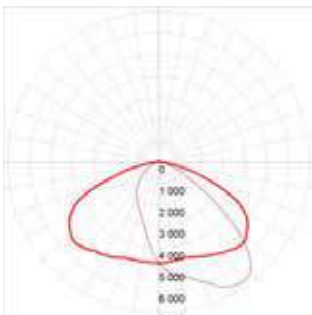
*CCT is Cool White @ 25°C



NBDD-LED-400



NBDD-LED-400

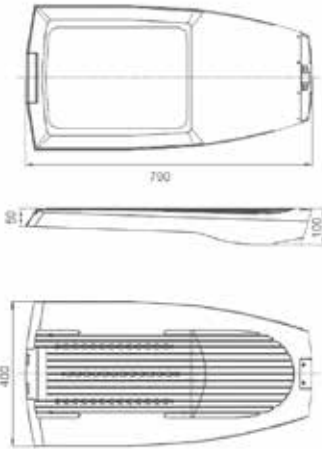


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12 LED STREET LIGHTING

N. LEDS	LED Current	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
90	350mA	100W	11000lm
	530mA	150W	15750lm
	700mA	200W	20000lm
120	350mA	130W	14300lm
	530mA	200W	21000lm
	700mA	--	--

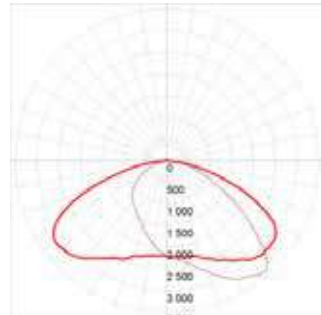
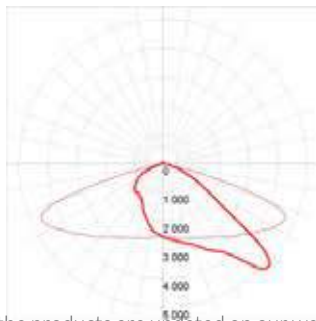
*CCT is Cool White @ 25°C



NBDD-LED-400A



NBDD-LED-400A

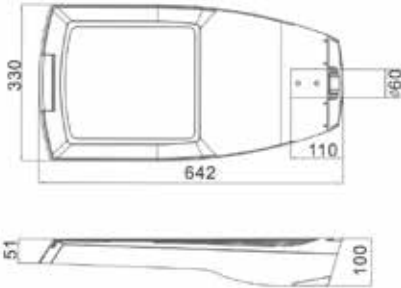


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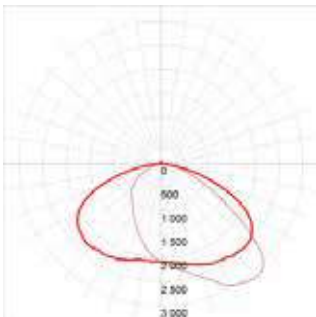
12 LED STREET LIGHTING

N. LEDS	LED Current	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
80	350mA	90W	9900lm
	530mA	135W	14750lm
	700mA	175W	17500lm
96	350mA	105W	11550lm
	530mA	160W	16800lm
	700mA	200W	20000lm
112	350mA	120W	12300lm
	530mA	180W	15900lm
	700mA	250W	25000lm

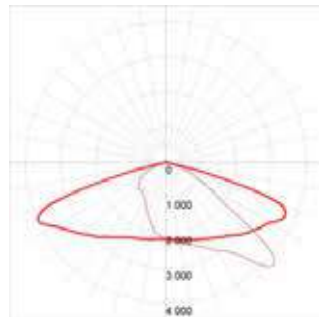
*CCT is Cool White @ 25°C



NBDD-LED-400B



NBDD-LED-400B

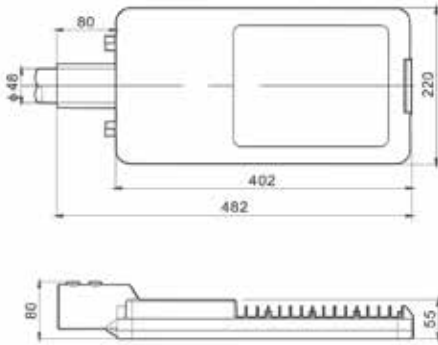


All the products are updated on our website: www.brtes.com

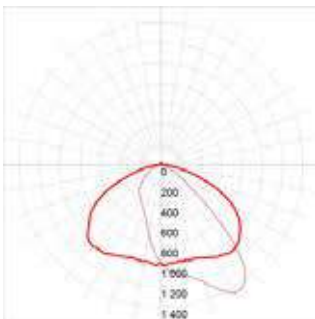
12 LED STREET LIGHTING

N. LEDS	LED Current	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
48	350mA	50W	5500lm
	530mA	80W	8400lm
	700mA	100W	10000lm
64	350mA	65W	7150lm
	530mA	100W	11000lm
	700mA	--	--

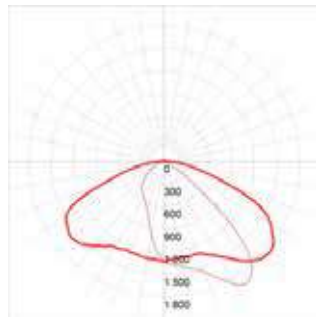
*CCT is Cool White @ 25°C



NBDD-LED-420



NBDD-LED-420

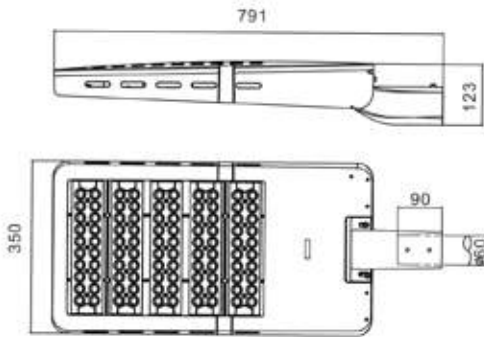


All the products are updated on our website: www.brtes.com

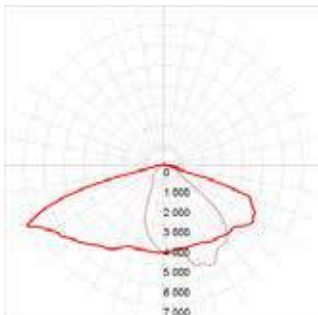
12 LED STREET LIGHTING

N. LEDS	LED Current	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
18	350mA	20W	2200lm
	530mA	30W	3150lm
	700mA	40W	4000lm
24	350mA	25W	2700lm
	530mA	40W	4200lm
	700mA	52W	5200lm
30	350mA	35W	3850lm
	530mA	50W	5250lm
	700mA	--	--

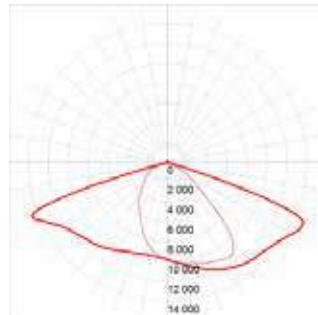
*CCT is Cool White @ 25°C



NBDD-LED-500



NBDD-LED-500



All the products are updated on our website: www.brtes.com

12 LED STREET LIGHTING

N. LEDS	LED Current	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
18	700mA	120W	12000lm
80	700mA	160W	16000lm
18	700mA	200W	20000lm

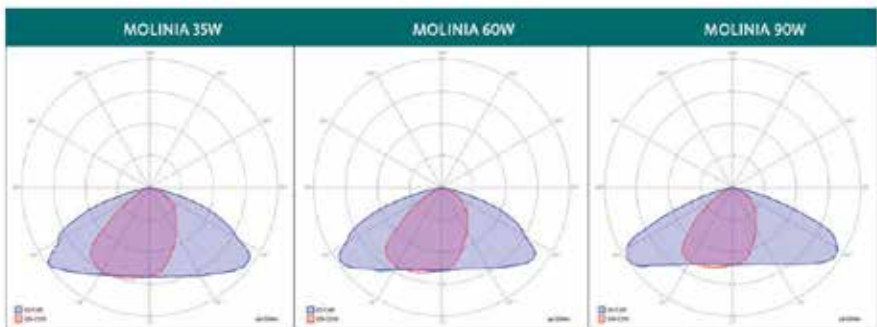
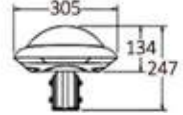
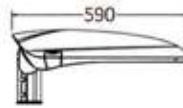
*CCT is Cool White @ 25°C

MADE IN EUROPE



BRT MOLINIA

new



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12 LED STREET LIGHTING

TYPE	SYSTEM POWER (W)	LUMINOUS FLUX (lm)	LUMINOUS EFFICIENCY (lm/W)	mA
MLN01Y03513664TK	35	3.300	94	530
MLN01Y06013664TK	60	6.000	100	530
MLN01Y09013664TK	90	9.000	100	700
MLN01Y12013664TK	120	11.500	96	900
124216	150	15.000	100	700
124217	200	20.000	100	700
124218	240	24.000	100	700

MADE IN ASIA



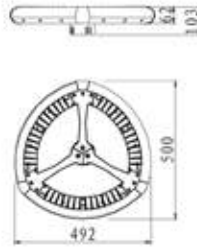
LED STREET LIGHTING 12

LYTY-LED-6650

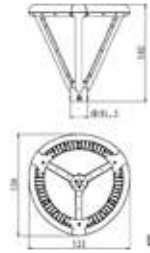
new



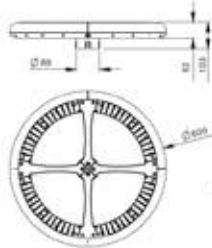
LYTY6650A



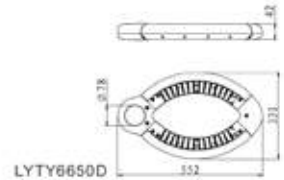
LYTY6650B



LYTY6650E



LYTY6650C



LYTY6650D

CODE	Power Consumpt	Nominal Initial Flux (lm)
LYTY6650A	50/100W	2200
LYTY6650B	40/80W	3150
LYTY6650C	30/60W	4000
LYTY6650D	20/40W	2700
LYTY6650E	30/60W	4200

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12 LED STREET LIGHTING





The residential sector presents a large variety of products and styles. In this catalogue only a minimal part of the complete set of products available is displayed.

The products highlighted are aimed at the lighting of facades of buildings. It can be offered with white light Leds or RGB ones. The luminaire can be utilised stand alone or assembled in groups, power supplied and interconnected with weatherproof cables.



L'industrie de l'éclairage pour l'usage résidentiel est large et variée dans le présent catalogue. Nous avons inclus seulement une partie de la production, en cherchant de promouvoir des produits qui, bien que désormais devenus des standards internationaux, possèdent les caractéristiques du design ou de l'illuminotechnique qui se détachent de la moyenne.



Il settore dell'illuminazione per applicazioni residenziali è ampio ed articolato nel presente catalogo abbiamo inserito solo una minima parte della produzione avendo cura di valorizzare quei prodotti che, pur essendo ormai diventati degli standard internazionali, posseggono delle caratteristiche di design o illuminotecniche che si discostano dalla media.



Technical Details

Insulation Class: II

Protection Degree: IP 65

Certifications: CE – UL – Rhos

Rated Voltage: dc 12-24

Led Chips: Cree XP , SMD 3030 etc.

Luminaire efficiency: > 100 lm/W

Residual flux and dispersion: 80/20 or 70/30

Led Feed Current: different

Power Factor: >0,90

Working Temperature: -20 ° C/+60 ° C

Life Span: > 50.000 h

Colour Rendering Index (CRI): > 80

Colour Temperature: WW (3000-3700 °K) – NW (3700-5000 °K)

– CW (5000-6500 °K)

WW (Warm White) – NW (Natural White) – CW (Cold White)

Operation segment

Industry, warehouse, outdoor, public area

Main Features

Screen: aluminium and glass

Finishing: NA

Closure: NA

Adjustable fixing system: Ceiling mounting

Integrated surge protection device: Yes

Insulation Class: I , II

Driver: included (stand-alone use), not included if used in multi assembling

13 LED WALL WASHER



Données Techniques Générales

Indice de Protection : IP 65

Homologation : CE

Tension d'alimentation : 110/240 V – 50/60 Hz

LED : SMD 3030

Efficacité lumineuse : 100 lm/W

Dispersion : 80/20 ou 70/30

Courant d'alimentation : divers

Facteur de puissance : > 0.90

Température ambiante : - 20 °C / + 60 °C

Durée de vie moyenne : > 50.000 heures

CRI : > 80

Température de couleur : WW (3000-3700 °K) | NW (3700-5000 °K) | CW (5000-6500 °K)

Domaine d'application

Industriels, espaces publics

Caractéristiques principales

1. Structure : Aluminium, verre

2. Peinture : NA

3. Type de branchement : NA

4. Fermeture : Verre

5. Système de montage : au plafond, sur barre

6. Dispositif de protection interne contre les surtensions : Oui

7. Classe de protection : II

8. Driver: Inclus



Dati Tecnici Generali

Grado di isolamento : IP 65

Omologazione: CE

Tensione di alimentazione : 110/240 V – 50/60 Hz

LED: SMD 3030

Efficienza Luminosa: 100 lm/W

Dispersione: 80/20 oppure 70/30

Correnti di alimentazioni : vari

Fattore di potenza : > 0.90

Temperatura ambiente : - 20 °C / + 60 °C

Vita media: > 50.000 ore

CRI: > 80

Temperatura di colore: WW (3000-3700 °K) | NW (3700-5000 °K) CW (5000-6500 °K)

Settore di applicazione

Industrie, magazzini, spazi pubblici, spazi esterni

Principali caratteristiche

1. Struttura: alluminio, vetro

2. Verniciatura : NA

3. Tipo di innesto: NA

4. Chiusura: vetro

5. Sistema di montaggio: su plafone, su sbarra

6. Dispositivo di protezione interno ai picchi di tensione: SI

7. Classe di isolamento: II

8. Driver : incluso

TYPES

FB23202



24W



2100 LM



MADE IN ASIA

FB03811



36W



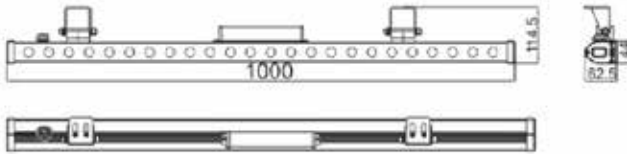
3240 LM



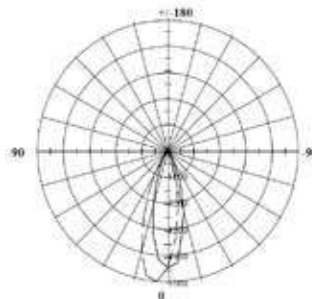
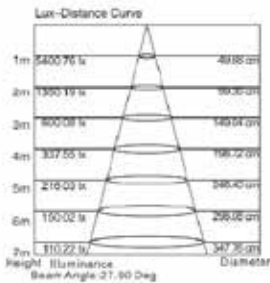
MADE IN ASIA

13 LED WALL WASHER





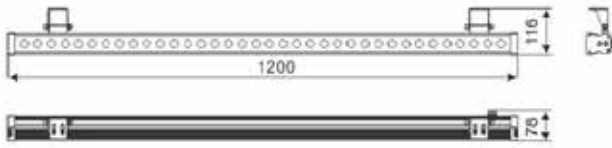
FB23202



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13 LED WALL WASHER

N. LEDS	LED FREQUENCY (Hz)	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
24	50/60Hz	24W	2100lm



FB03811



All the products are updated on our website: www.brtes.com

13 LED WALL WASHER

N. LEDS	LED FREQUENCY (Hz)	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
36	50/60Hz	36W	3240lm



The product choice has been determined by the need of the availability of a complete family of models able to address the greater part of technical requests of the application sector. The model NBS with the versions 10,11,12,13 guarantee the fulfilment of the standard technical requests and in the meantime with optimal lighting performances and cost effective energy savings.



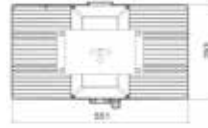
Le choix qui a été fait était celui d'identifier une seule famille en mesure de satisfaire la plupart des demandes dans ce domaine spécifique. Les NBS, dans les versions 10, 11, 12 et 13, garantissent la couverture des exigences normales en combinant de très bonnes caractéristiques technologiques à des excellentes performances illuminotechniques et énergétiques.



La scelta effettuata è stata quella di individuare una singola famiglia in grado di soddisfare la gran parte delle richieste in questo settore specifico. Le NBS nelle versioni 10, 11, 12 e 13 garantiscono la copertura delle normali esigenze unendo alle buone caratteristiche tecnologiche delle ottime rese illuminotecniche ed energetiche.

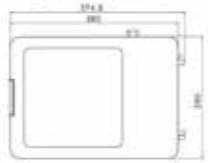
TYPES

NBS-LED-10



MADE IN ASIA

NBS-LED-11



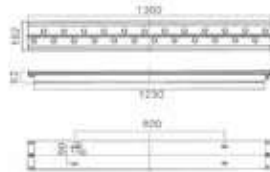
MADE IN ASIA

NBS-LED-12



MADE IN ASIA

NBS-LED-18



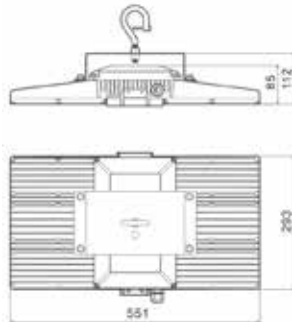
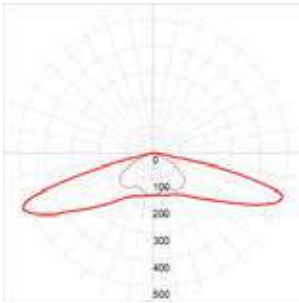
MADE IN ASIA

14^{LED} TUNNEL LIGHTING

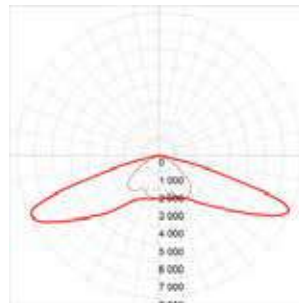
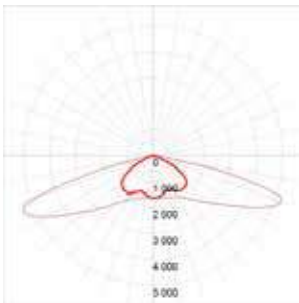




NBS-LED-10



NBS-LED-10



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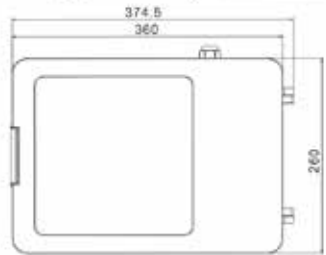
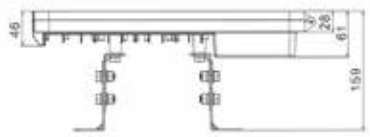
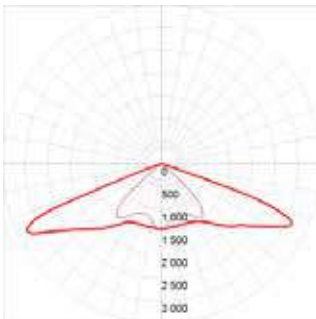
14 LED TUNNEL LIGHTING

N. LEDES	LED Current	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
48	350mA	50W	5800lm
	530mA	80W	9400lm
	700mA	100W	11000lm
72	350mA	80W	9200lm
	530mA	120W	13500lm
	700mA	150W	16000lm

*CCT is Cool White @ 25°C



NBS-LED-11

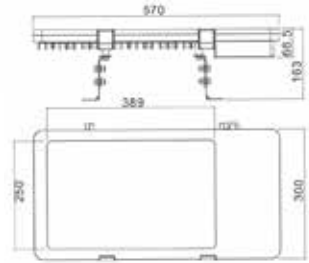


All the products are updated on our website: www.brtes.com

14 LED TUNNEL LIGHTING

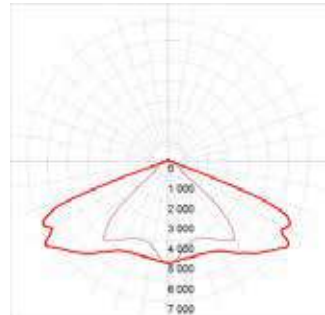
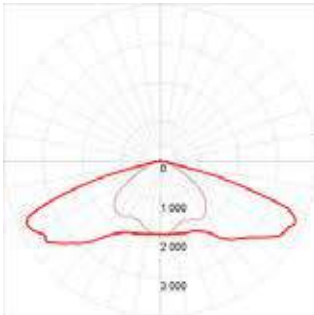
N. LEDS	LED Current	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
24	350mA	25W	2750lm
	530mA	40W	4200lm
	700mA	52W	5200lm
30	350mA	35W	3850lm
	530mA	50W	5250lm
	700mA	65W	6500
36	350mA	40W	4400lm
	530mA	60W	6300lm
	700mA	--	--

*CCT is Cool White @ 25°C



NBS-LED-12

NBS-LED-12



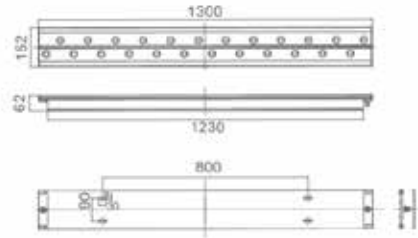
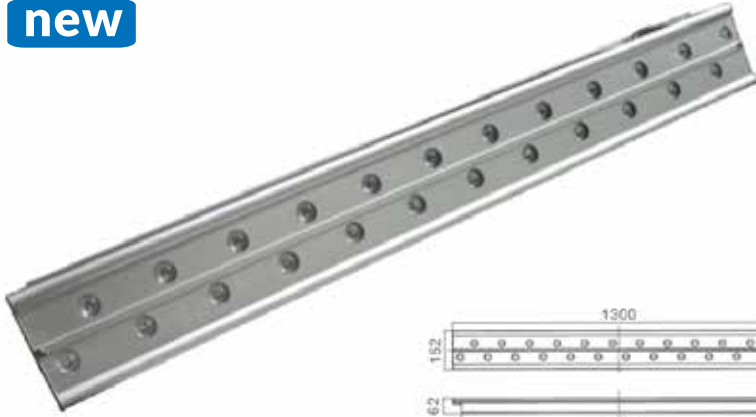
All the products are updated on our website: www.brtes.com

14 LED TUNNEL LIGHTING

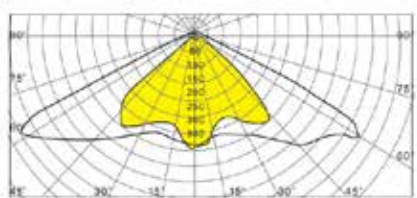
N. LEDS	LED Current	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
48	350mA	50W	5500lm
	530mA	80W	8400lm
	700mA	105W	10500lm
60	350mA	60W	7150lm
	530mA	100W	1100lm
	700mA	130W	13000
72	350mA	40W	4400lm
	530mA	60W	6300lm
	700mA	--	--

*CCT is Cool White @ 25°C

new



NBS-LED-18



All the products are updated on our website: www.brtes.com

14 LED TUNNEL LIGHTING

N. LEDS	LED Current	SYSTEM POWER (W)	LUMINOUS FLUX (lm)
18	350mA	25W	2300lm
	530mA	40W	3500lm
	700mA	--	6800lm

*CCT is Cool White @ 25°C



The products of this section have been designed and engineered to be installed in industrial premises for general lighting and for accent lighting of working posts, ware-houses with shelves, cold storage, private and public underground parking and for wide covered areas etc. The technical and mechanical features have been conceived in order to replace existing linear illuminations with neon tubes, 1xT8 or 2xT8, IP 65, or for new designs. The main characteristic is that the diodes are surface mounted and not assembled inside a led tube. This fact enhances the thermal dispersion increasing the reliability of the semiconductors. The luminaire can be offered either with a cylindrical body or in the usual linear structure of the standard neon luminaires. The lamp can be also offered in emergency version or equipped with a radar sensor to control the on/off operation according to men presence.



Les produits de ce type ont été conçus pour des environnements industriels, tels que les entrepôts, les centres logistiques, les parkings privés et publics et en général pour tous les environnements couverts de grande surface.

Ces produits se déclinent tant en format cylindrique qu'en format trapézoïdale traditionnel. Ils peuvent être normaux, d'urgence et depuis peu ils peuvent être équipés d'un capteur de proximité qui commande la lampe individuelle chaque fois qu'une personne en mouvement rentre dans l'espace d'action du capteur (Microwave Sensor), ce qui est une nouveauté. Grâce à un tel système la consommation est encore plus réduite, car l'appareillage ne se met en marche qu'en cas de nécessité.



I prodotti di questa sezione sono stati sviluppati per gli ambienti industriali quali i magazzini, i centri logistici, i parcheggi privati e pubblici ed in genere per tutti gli ambienti di grandi dimensioni coperti.

Si possono avere sia nel formato CILINDRICO sia nel tradizionale trapezoidale, possono essere normali, di emergenza e, novità, dotate di un sensore di prossimità che comanda la singola lampada ogni qualvolta il soggetto in movimento entra nel campo d'influenza del sensore (Microwave Sensor). Con tale sistema si diminuiscono ulteriormente i consumi in quanto tutto l'apparato entra in funzione solo in caso di necessità.



Technical Details

Insulation Class: II

Protection Degree: IP 65

Certifications: CE – UL – Rhos

Rated Voltage: 110/240 V – 50/60 Hz

Led Chips: SMD 3528

Luminaire efficiency: > 100 lm/W

Residual flux and dispersion: 80/20 or 70/30

Led Feed Current: different

Power Factor: >0,90

Working Temperature: -20 ° C/+60 ° C

Life Span: > 50.000 h

Colour Rendering Index (CRI): > 80

Colour Temperature: WW (3000-3700 °K) – NW (3700-5000 °K)

– CW (5000-6500 °K)

WW (Warm White) – NW (Natural White) – CW (Cold White)

Operation segment

Industrial Lighting

Main Features

Screen: Polycarbonate | Acrylic/nylon

Finishing: NA

Closure: Polycarbonate | Acrylic/nylon

Fixing system: Power bus, Ceiling/hanging chain mounting

Integrated surge protection device: Yes

Driver: included



Données Techniques Générales

Indice de Protection: IP 65

Homologation: CE

Tension d'alimentation: 110/240 V – 50/60 Hz

LED: SMD 3528

Efficacité lumineuse: 100 lm/W

Dispersion: 80/20 ou 70/30

Courant d'alimentation: divers

Facteur de puissance: > 0.90

Température ambiante: - 20 °C / + 60 °C

Durée de vie moyenne: > 50.000 heures

CRI: > 80

Température de couleur: WW (3000-3700 °K) | NW (3700-5000 °K) | CW (5000-6500 °K)

Domaine d'application

Industriel

Caractéristiques principales

1. Structure: Polycarbonate | Acrylique + Nylon
2. Peinture: NA
3. Type de branchement: NA
4. Fermeture: Polycarbonate | Acrylique + Nylon
5. Système de montage: blindosbarra ou suspendu
6. Dispositif de protection interne contre les surtensions : Oui
7. Classe de protection: II
8. Driver: Inclus



Dati Tecnici Generali

Grado di isolamento: IP 65

Omologazione: CE

Tensione di alimentazione: 110/240 V – 50/60 Hz

LED: SMD 3528

Efficienza Luminosa: 100 lm/W

Dispersione: 80/20 oppure 70/30

Correnti di alimentazioni: vari

Fattore di potenza: > 0.90

Temperatura ambiente: - 20 °C / + 60 °C

Vita media: > 50.000 ore

CRI: > 80

Temperatura di colore: WW (3000-3700 °K) | NW (3700-5000 °K) CW (5000-6500 °K)

Settore di applicazione

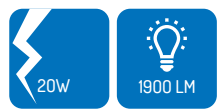
Industriale

Principali caratteristiche

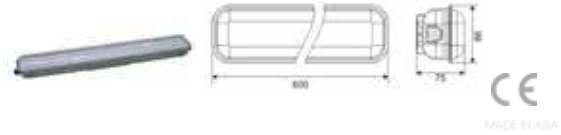
1. Struttura: Policarbonato | acrilico + nylon
2. Verniciatura: NA
3. Tipo di innesto: NA
4. Chiusura: policarbonato | acrilico + nylon
5. Sistema di montaggio: blindo o sospesa
6. Dispositivo di protezione interno ai picchi di tensione: SI
7. Classe di isolamento: II
8. Driver: incluso

TYPES

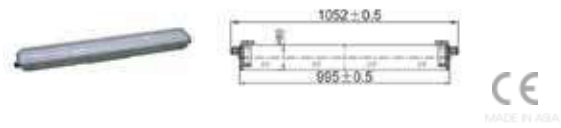
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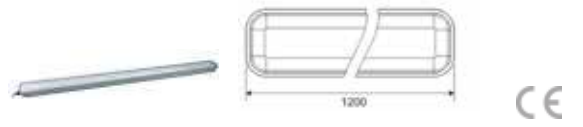
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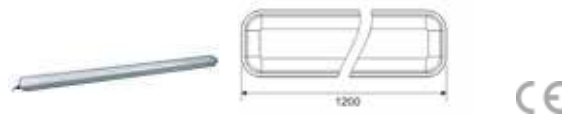
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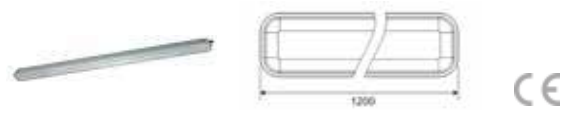
GS00101



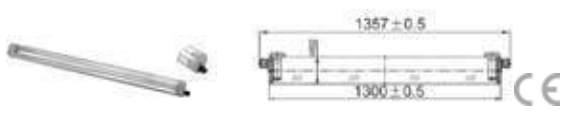
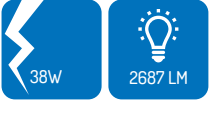
GS00102



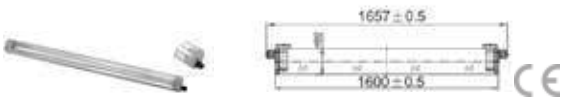
GS00103



GS00502



GS00602



15 LED TRI-PROOF

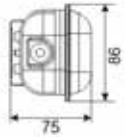
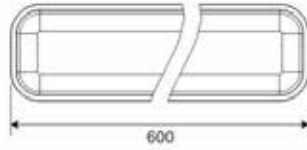


MADE IN ASIA

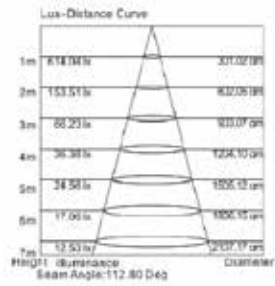
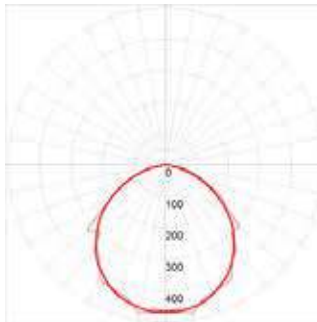


LED TRI-PROOF 15

NORMAL MODE



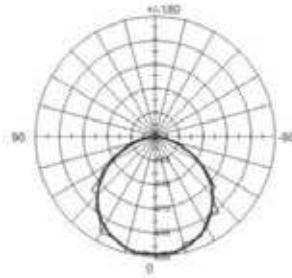
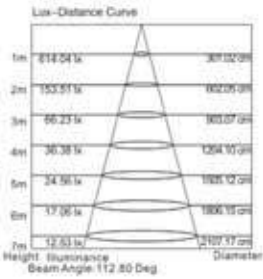
GS00203



MICROWAVE SENSOR



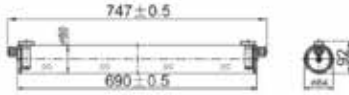
GS00204



MADE IN ASIA

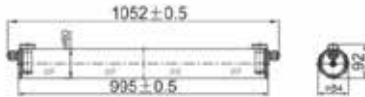


LED TRI-PROOF 15



GS00302

- 110-240V
- 21W
- 1327 LM
- 120°
- IP65
- Grounding symbol



GS00402

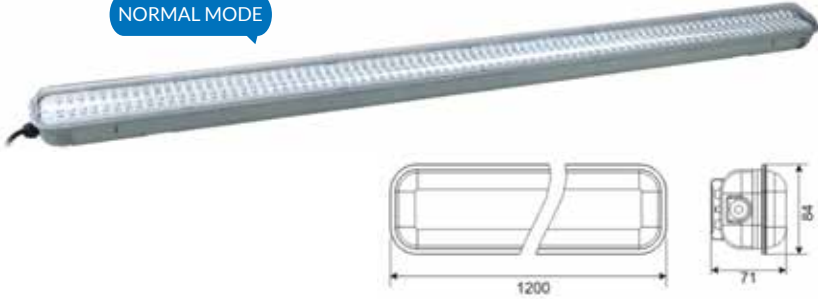
- 110-240V
- 29W
- 2034 LM
- 120°
- IP65
- Grounding symbol



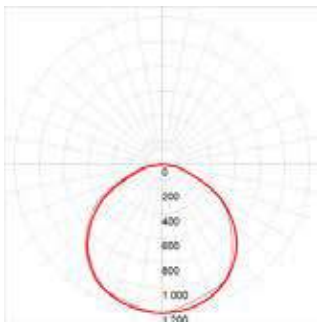
15 LED TRI-PROOF

MADE IN ASIA **CE**

NORMAL MODE



GS00101

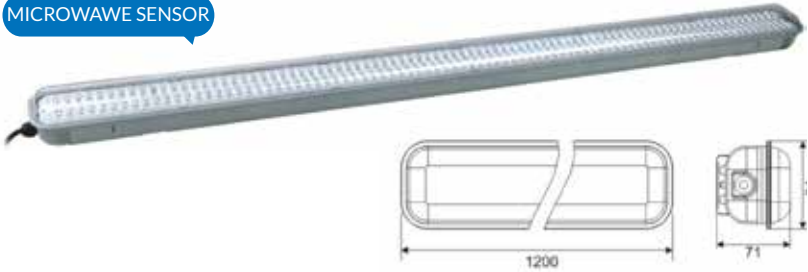


Lux-Distance Curve

1m	1200.18 lx	315.33 cm
2m	301.20 lx	630.67 cm
3m	133.31 lx	945.00 cm
4m	75.32 lx	1260.33 cm
5m	48.33 lx	1584.67 cm
6m	33.33 lx	1860.00 cm
7m	24.33 lx	2130.33 cm
8m	18.33 lx	2306.67 cm
9m	14.33 lx	2483.00 cm
10m	12.00 lx	2700.00 cm
11m	9.99 lx	2846.67 cm
12m	8.99 lx	3000.00 cm
13m	7.99 lx	3156.67 cm
14m	7.14 lx	3300.00 cm
15m	6.38 lx	3450.00 cm

Height Illuminance
Beam Angle: 114.50 Deg Diameter

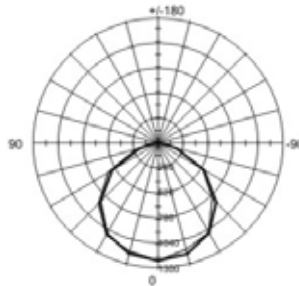
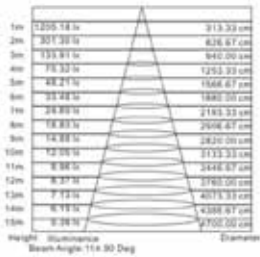
MICROWAVE SENSOR



GS00102

 110-240V
  41W
  3600 LM
  120°
  IP65
 

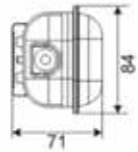
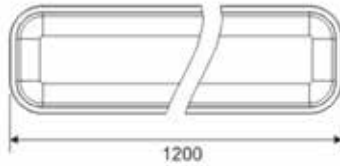
Light-Distance Curve



15 LED TRI-PROOF

MADE IN ASIA **CE**

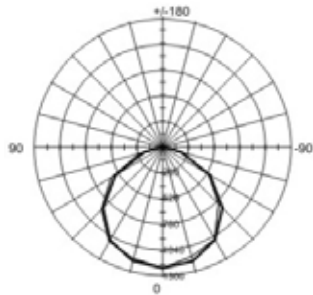
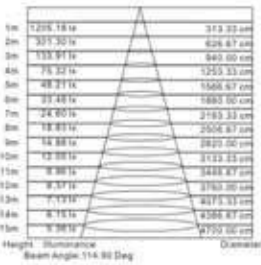
EMERGENCY MODE

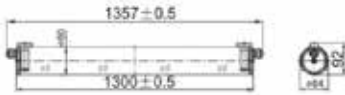


GS00103



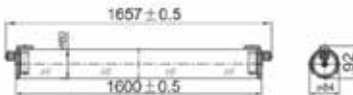
Lux-Distance Curve





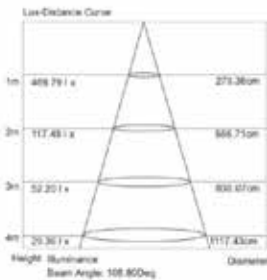
GS00502

- 
110-240V
- 
38W
- 
2687 LM
- 
120°
- IP65**
- 



GS00602

- 
110-240V
- 
46W
- 
3378 LM
- 
120°
- IP65**
- 



15 LED TRI-PROOF





BRT led tube is a highly efficient LED T8 retrofit light source that delivers excellent energy efficiency, high quality of light. It is intended to be used as a quick solution to save energy in existing luminaire installations replacing T8 fluorescent tubes operated by magnetic ballasts. This way achieving the maximum saving while maintaining the CE luminaire omologation. The tube is “one end” fulfilling the european standard.



Les produits que nous proposons trouvent leur place idéale dans la pratique du retrofit. Les tubes LED sont une bonne source de lumière à faible coût et capable d'assurer un très bon rendement énergétique. Grâce à ce produit, dans sa configuration de clip de fixation « one end », nous garantissons le remplacement d'un tube fluorescent T8 sans avoir besoin d'aucune modification à la douille existante et toujours en gardant l'homologation CE de la lampe dans son intégralité.



I prodotti da noi proposti trovano nella tecnica del retrofit il loro ideale posizionamento. I tubi a led sono una valida sorgente luminosa a basso costo che è in grado di garantire un'ottima efficienza energetica. Con questo prodotto nella sua configurazione con attacchi "one end", possiamo garantire la sostituzione di un tubo T8 fluorescente, senza necessità di alcuna modifica al portalampada esistente senza perdere l'omologazione CE della lampada nella sua completezza.



Technical Details

Protection Degree: NA

Certifications: CE – UL – Rhos

Voltage: 110-240 V, 220/240 V - 50/60 Hz

Led Chips: different

Luminaire efficiency: > 100 lm/W

Residual flux and dispersion: 80/20 or 70/30

Led Feed Current: different

Power Factor: >0,90

Working Temperature: -20 ° C/+60 ° C

Life Span: > 50.000 h

Color Rendering Index (CRI): > 80

Colour Temperature: WW (3000-3700 °K) – NW (3700-5000 °K)

– CW (5000-6500 °K)

WW (Warm White) – NW (Natural White) – CW (Cold White)

Operation segment

Residence, office, warehouses, parking

Main Features

One end, with led starter for direct replacement of neon starter, in luminaires with passive ballast .

Body: glass or aluminium and polycarbonate

Emission light angle: 225° (glass), 120° (aluminium/polycarbonate)

Finishing: NA

Closure: NA

Fixing system: G13 connector

Integrated surge protection device: Yes

Driver: ac/dc inside the tube



Données Techniques Générales

Indice de Protection: NA

Homologation: CE

Tension d'alimentation: 110/240 V, 220/240 V – 50/60 Hz

LED: different

Efficacité lumineuse: > 100 lm/W

Dispersion: 80/20 ou 70/30

Courant d'alimentation: divers

Facteur de puissance: > 0.90

Température ambiante: - 20 °C / + 60 °C

Durée de vie moyenne: > 50.000 heures

CRI: > 80

Température de couleur: WW (3000-3700 °K) | NW (3700-5000 °K) | CW (5000-6500 °K)

Domaine d'application

Bureaux

Caractéristiques principales

1. Structure: Aluminium , polycarbonate, verre
2. Peinture: NA
3. Type de branchement: one end
4. Fermeture: Polycarbonate ou verre
5. Système de montage: Divers
6. Dispositif de protection interne contre les surtensions: Oui
7. Driver: NA



Dati Tecnici Generali

Grado di isolamento: NA

Omologazione: CE

Tensione di alimentazione: 110/240 V – 50/60 Hz

LED: SMD 4014

Efficienza Luminosa: > 100 lm/W

Dispersione: 80/20 oppure 70/30

Correnti di alimentazioni: vari

Fattore di potenza: > 0.90

Temperatura ambiente: - 20 °C / + 60 °C

Vita media: > 50.000 ore

CRI: > 80

Temperatura di colore: WW (3000-3700 °K) | NW (3700-5000 °K) CW (5000-6500 °K)

Settore di applicazione

Uffici

Principali caratteristiche

1. Struttura: alluminio , polycarbonate, vetro
2. Verniciatura: NA
3. Tipo di innesto: one end
4. Chiusura: polycarbonate o vetro
5. Sistema di montaggio: vari
6. Dispositivo di protezione interno ai picchi di tensione: SI
7. Driver: NA

TYPES

HPR-LT0610CE



579255



579035



SD-T8E-1B01



A108501



A108502



A109102

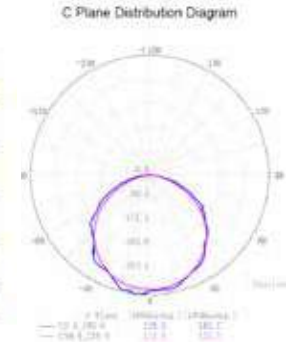
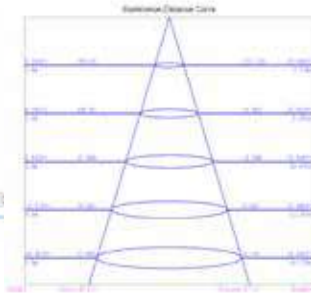
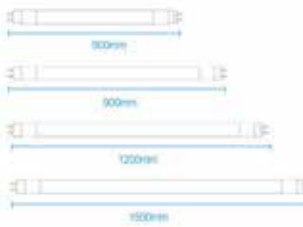


16 LED TUBE



T8 TUBE SERIES for CCG and ECG

FULL COMPATIBLE TO LED LIGHTING SYSTEM WITHOUT NEW WIRING AND DIRECTLY SUBSTITUTION



HPR-LT0610CE

220-240V

18W

2160 LM

IP20

COD.	VOLTAGE	POWER	LUMENS	CCT
HPR-LT0610CE	50/60 Hz	10 W	1200lm	3000K-6000K
HPR-LT0915CE	50/60 Hz	15 W	1800lm	
HPR-LT1218CE	50/60 Hz	18 W	2160lm	
HPR-LT1524CE	50/60 Hz	24 W	2880lm	

1-INSTALLATION FOR MAGNETIC BALLAST

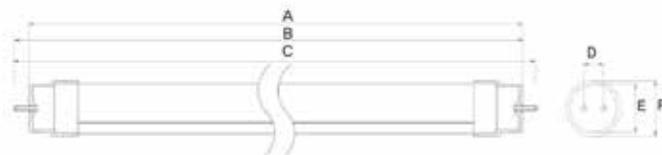


2-INSTALLATION FOR ELECTRONIC BALLAST

According to different electronic ballasts and models

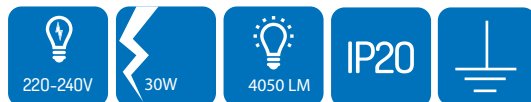
EASY T8 LONG LIFE SERIES for retrofit HIGH OUTPUT CCG type

new

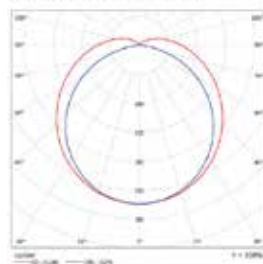


TYPE	A	B	C	D	E	F
1200 mm	1198 mm	1205,3 mm	1213,6 mm	12,7 mm	25,5 mm	27,7 mm
1500 mm	1498 mm	1505 mm	1512 mm	12,7 mm	25,5 mm	27,7 mm

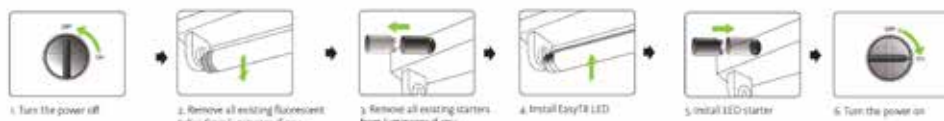
579255



Light Distribution EasyT8 Long Life

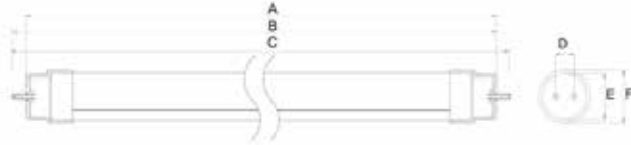


COD.	VOLTAGE	POWER	LUMENS	CCT
579235	50/60 Hz	20 W	2800lm	3000K-6000K
579255	50/60 Hz	30 W	4050lm	



EASY T8 LONG LIFE SERIES for retrofit CCG type

new

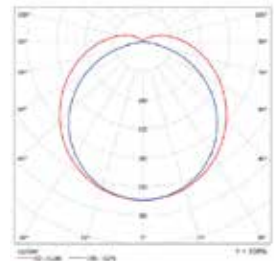


TYPE	A	B	C	D	E	F
1200 mm	1198 mm	1205.3 mm	1213.6 mm	12.7 mm	25.5 mm	27.7 mm
1500 mm	1498 mm	1505 mm	1512 mm	12.7 mm	25.5 mm	27.7 mm
590 mm	590 mm	597.1 mm	606 mm	12.7 mm	25.5 mm	27.7 mm

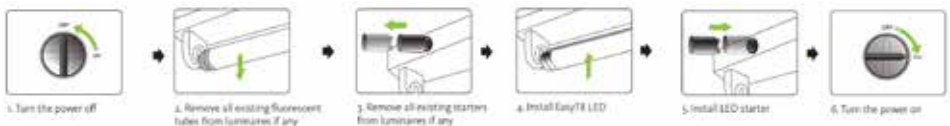
579035 for retrofit CCG type

220-240V
 15W
 2025 LM
 IP20

Light Distribution EasyT8 Long Life



COD.	VOLTAGE	POWER	LUMENS	CCT
579015	50/60 Hz	9 W	1280lm	3000K-6000K
579035	50/60 Hz	15 W	2025lm	
579055	50/60 Hz	21 W	2900lm	



T8 TUBE SERIES for CCG



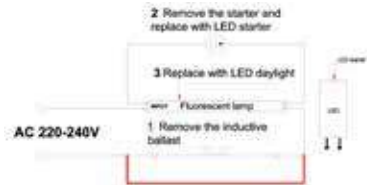
SD-T8E-1B01



COD.	VOLTAGE	POWER	LUMENS	CCT
SdT8E1B01	50/60 Hz	9 W	P:1000lm W:900lm	P:6500K W:3000K
SdT8E3B01	50/60 Hz	18 W	P:2000lm W:1900lm	
SdT8E4B01	50/60 Hz	24 W	P:2400lm W:2300lm	

Installation steps of replace the Fluorescent Lamp

1-Installation steps of replace the inductance ballast Fluorescent Lamp with LED Daylight

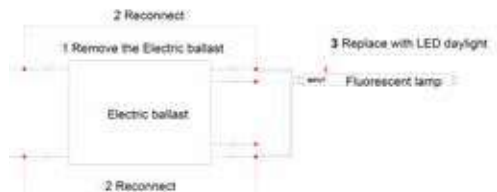


2-Demolishing circuit the electric circuit's inductance ballast. Connecting the lines anew.

3-Remove the starter and replace with LED starter.

4- Replacing the Fluorescent Lamp with LED Daylight

5- Installation steps of replace the electronic ballast Fluorescent Lamp with LED Daylight.

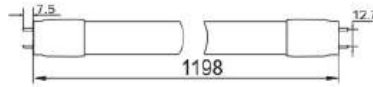


6- Demolishing the electric circuit's Electronic ballast.

7-Connecting the lines anew.

8-Replacing the Fluorescent Lamp with LED Daylight.

9-Red line is the new wire connection method in the graphic.



AI08501


 220-240V

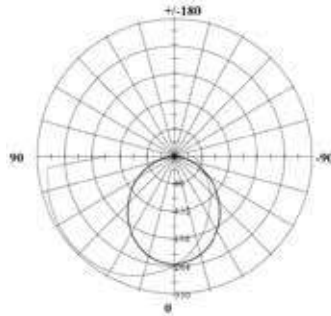
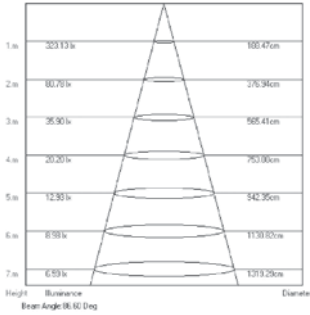

 18W


 1300 LM


 225°

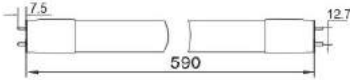
IP20





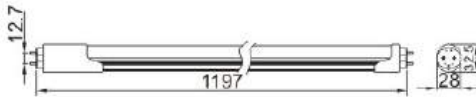
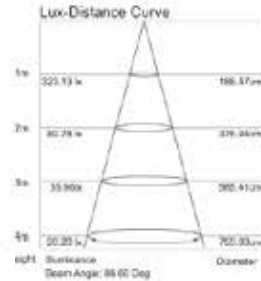
16 LED TUBE

CE MADE IN ASIA



AI08502

- 
 220-240V
- 
 9W
- 
 760 LM
- 
 225°
- IP20
- 



AI09102

- 
 100-240V
- 
 18W
- 
 1600 LM
- 
 120°
- IP20
- 

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SMR 2006 SRL

sede legale

via B. Davanzati, 5

20158 Milano (MI) ITALY

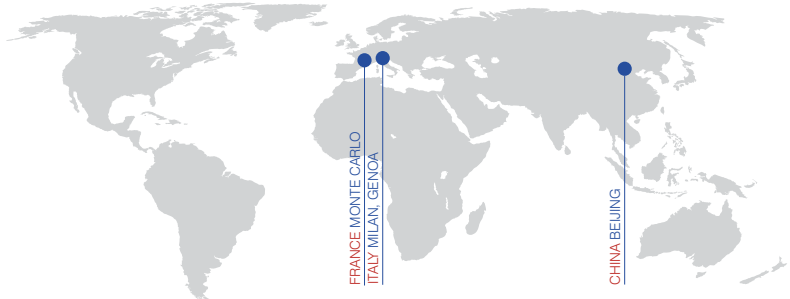
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REA MI-1784684

PEC smr2006@pec.smr2006.com

MAIL info@smr2006.com



AURA LIGHT

AURA LIGHT ITALY s.r.l

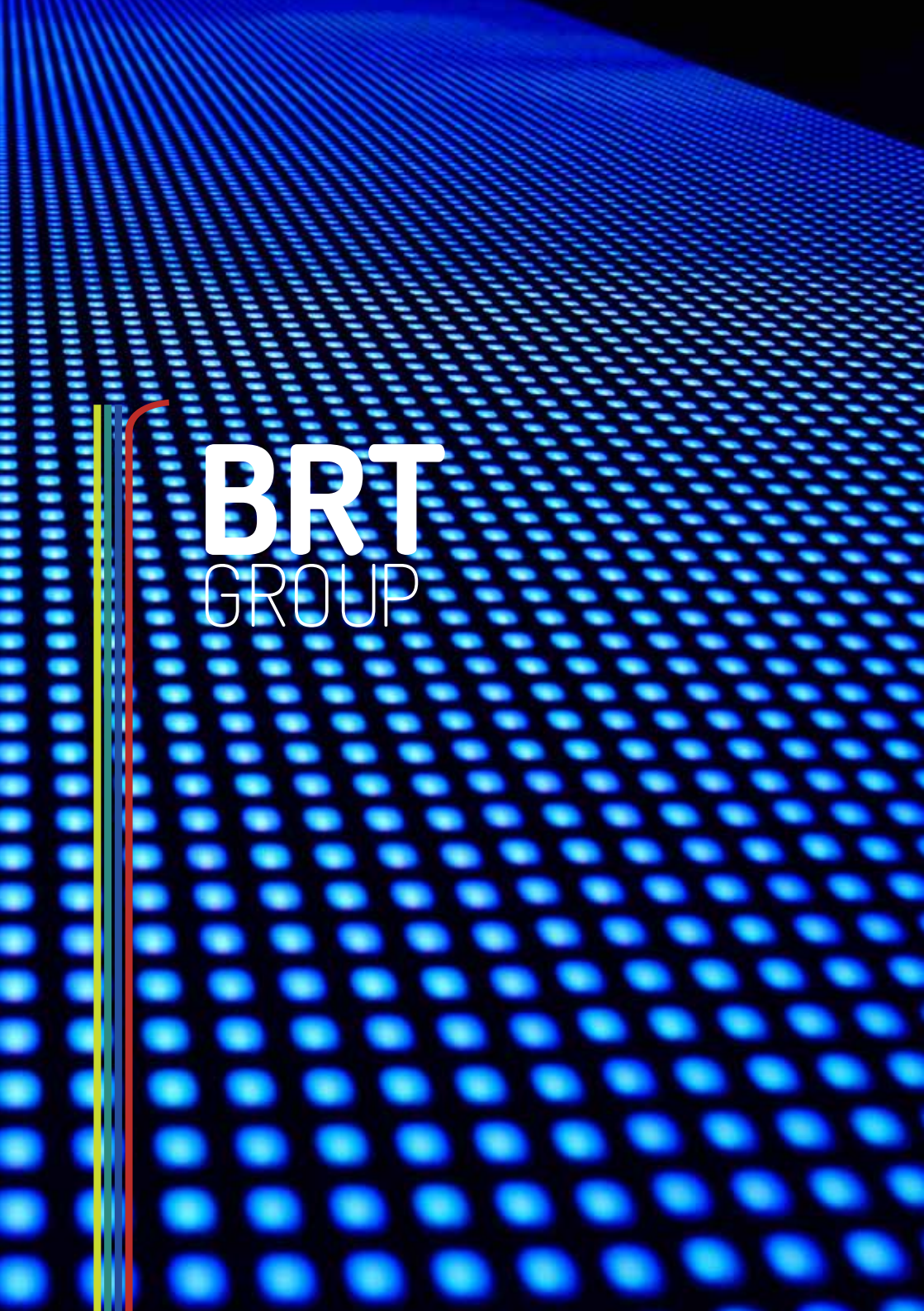
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MAIL: info@auralight.it



BRT
GROUP