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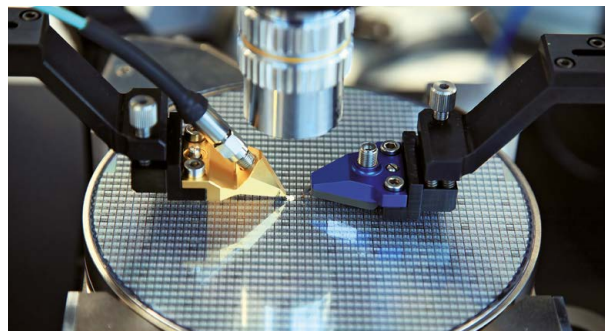
The first LED packaging manufacturer with production center entirely based in the EU

Octa Light Bulgaria was founded in 2010 as a research and manufacturing center for Light Emitting Diodes (LED) located in Bulgaria. Since then it has established itself as one of the fastest growing companies in the field of optoelectronics and lighting industry in the European market.

Today Octa Light Bulgaria is completely vertically integrated manufacturer of LED packages, LED modules, LED lamps and LED luminaires. The company also offers complete lighting solutions accomplishing a variety of lighting projects with its own range of LED luminaires. Further to the core lighting business Octa Light offers Electronics Manufacturing Services (EMS) for various industries like industrial electrical and electronics equipment, consumer household electronics, communication equipment, etc.

Octa Light Bulgaria key advantages

- Most modern technology equipment
- Flexibility in production and delivery terms, customized products solutions
- Trustworthy quality according to the EU standards at competitive prices
- Fast delivery time and easy on-site control as production is based the EU.





Modern production site specially designed for vertically integrated manufacturing

Octa Light has modern, state-of-the-art production site, expanded in 2016. Main facility area 11 500 m², total site area 20 000 m². Starting from the light emitting diodes to the ready product – LED luminaires or LED lamps – everything is produced under one roof. The factory is located 40 km. from the country capital Sofia and main transport routes to Europe and the Middle East.

Constant focus on quality management and execution

- Production processes compliant with ISO 9001, ISO 14001, OHSAS 18001, certified by INTERTEK.
- Completely equipped company laboratory for photometric tests, electrical and electromagnetic measurements, accelerated product performance tests.
- Specially dedicated quality management and R&D teams.
- All LED products comply to the EU Regulations (Low Voltage Directive, Electromagnetic Compatibility Directive, Restriction of Hazardous Substances Directive – RoHS) and respective EN standards.
- Products certificates and test protocols from accredited laboratories in the EU.





LED packaging supplier for your LED lighting solutions

Octa Light Bulgaria Plc. is the first LED packaging manufacturer with production site based entirely in the EU. The company produces own range of light emitting diodes specially designed to maximize reliability, lifetime and color stability while providing top efficiency levels.

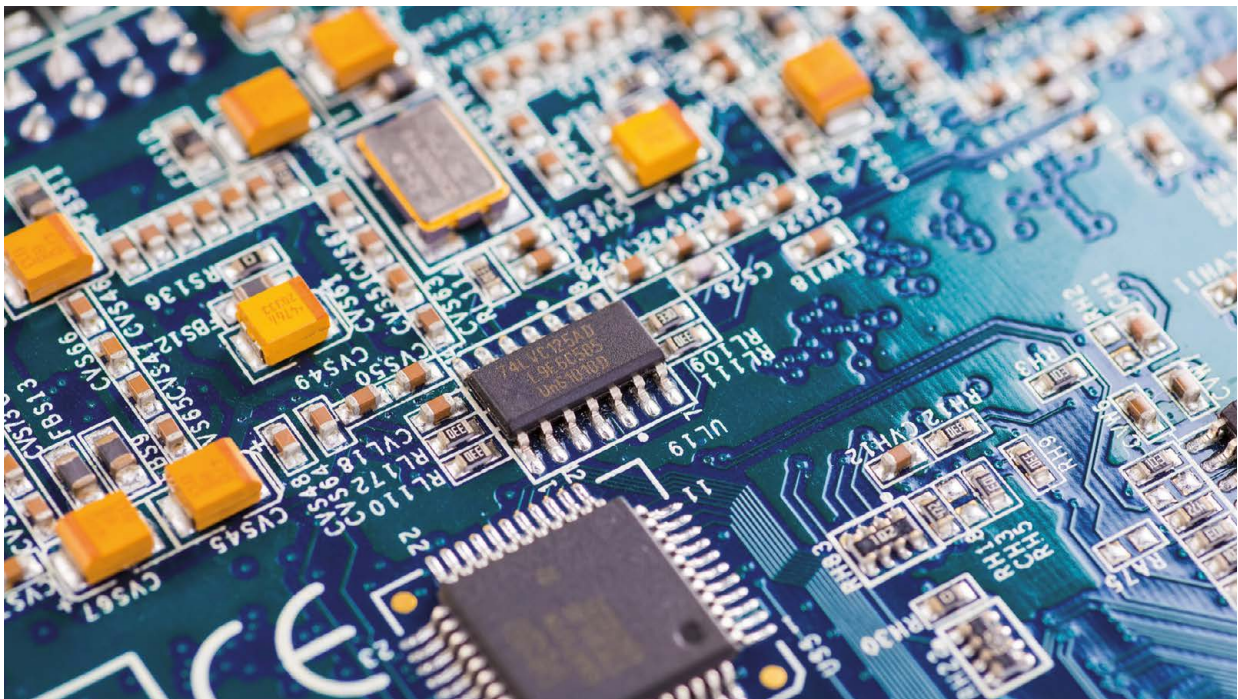
Capabilities and equipment:

- More than 1000 m² ESD protected Clean room facility
- Die Bonding- Vertical, Horizontal, Flip Chip Dies
- Wire Bond – Au to Au, Au to Ag, Au to Al Ball/Wedge Bonding
- In-production testing and qualification, wire pull, die shearing, plasma cleaning
- Encapsulation – Low to Ultra High viscosity dispensing, Dam and Fill applications, Micro Jet pumping, conformal coating
- Testing – Optical and Electrical parameters – from 10 to 20 000 lumen, from 0.01 to 500 W
- Optoelectronic emitters CCT color Binning 2700K – 7000K, MacAdam 2, 3, 5-steps binning
- CRI Capabilities >70, >80, >90, >95

Product range:

- High power LEDs
- AC LEDs
- PLCC low and mid-power LEDs
- COB LEDs
- Tunable white LEDs
- RGB, RGB/W and color LEDs
- Custom color LEDs
- Special applications LEDs: IR, UV LEDs





EMS partner for your electronics

We provide complete EMS solutions to satisfy the most demanding requirements. Manufacturing equipment has been carefully selected and deployed in optimally designed facilities to flexibly deliver prototype, NPI, low and high volume manufacturing. Advanced equipment with a strong team expertise enabling to provide EMS solutions with different areas of application: Lighting, Consumer electronics, Telecommunications, Industrial applications, Medical equipment.

Capabilities and equipment:

- ESD protected facility
- Cutting edge electronics assembly facility, powered by Siplace
- Product dependent, up to 120 000 CPH assembly capacity
- Full components range 01005 to 50x50x20 mm automated assembly
- Up to 800 mm x 500 mm PCB size assembly
- Automated line for Axial TH components assembly
- Automated line for Radial TH component assembly
- Solder Wave equipment for automated TH soldering
- Automated Optical Inspection (AOI) equipment
- Manual Visual Control Area

Services range:

- Materials / Supply Chain Management
- PCBA (Printed Circuit Board Assembly)
- Microelectronics – Advanced Manufacturing
- Assembly Technologies
- Mechanical Assembly & Box Build
- System Integration
- Optical Component & Final Assembly
- Test Solutions





OEM, ODM partner for your led lamps - T8, T5, Bulbs

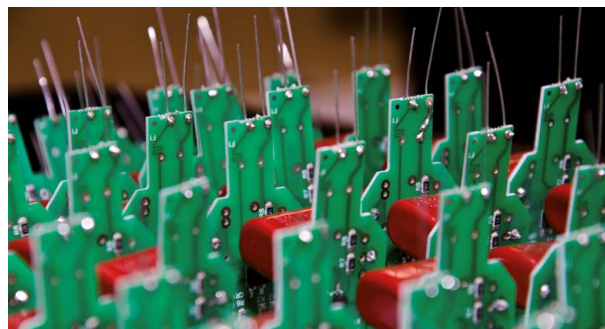
We produce a wide portfolio of LED bulbs and tubes with great variety of models, power options, EEL A++ and A+, CCT from Warm white to Cool White, CRI>80 and CRI>90. All range is entirely produced on two robotic assembly lines.

T5 and T8 LED tubes

- Robotized assembly of T8 and T5 LED tubes
- Available models for Direct AC 230 V single/double sided power supply, or
- Electromagnetic ballast (ECG) compatible, or
- Magnetic ballast (CCG) compatible direct retrofit products
- Customizable power consumption and light emission levels, sizes 2 feet, 4 feet, 5 feet, 6 feet and 8 feet products
- Robotized strip soldering, automated assembly, screwing, testing powered by FANUC anthropomorphic robots
- 100% in-production optical and electrical testing

LED bulbs:

- Wide range of classical shape E27, B22, E14, B12, GU10, MR16 models
- Equivalents to 40, 60, 75 W Incandescent lamps, varying from DC 12 / 24 / 36V / 60V to AC 110V/230V 50Hz
- Automated body feeding, robotic heatsink placement, robotic power supply and LED PCB placement
- Automated body screwing, robotic socket placement, glue attachment, cover placement
- 100% in-production optical and electrical testing and sorting
- Maximum flexibility granted by FANUC anthropomorphic robotic assembly





OEM, ODM partner for your led luminaires

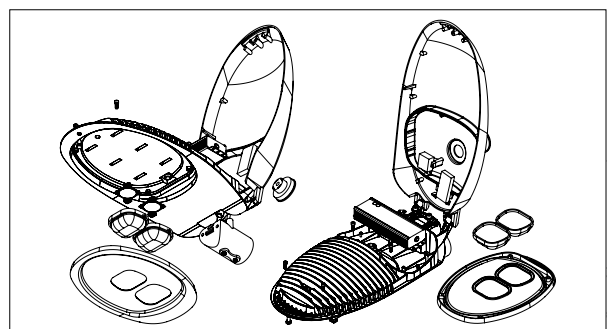
Octa Light Bulgaria produces a standard range of highly efficient LED luminaires for great variety of lighting applications. We also supply OEM products for a number of international lighting companies. The company established itself as a leading European manufacturer of LED panels for office applications. Our industrial luminaires reach one of the leading efficiency levels in the lighting industry - up to 180 lm/W.

Type of lighting applications:

Office, retail, industrial, sports, petrol stations, street, architectural.

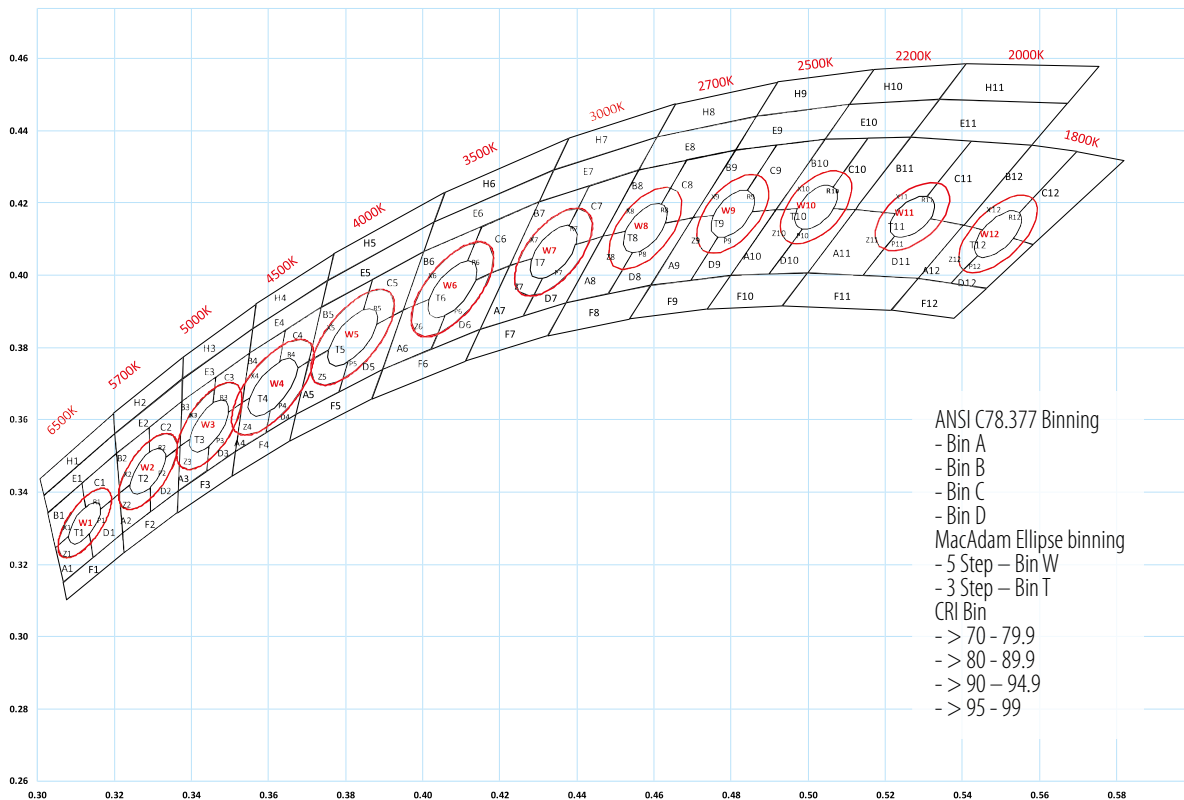
Capabilities and equipment:

- Most modern production facility certified ISO 9001, ISO 14001, ISO 18001 for LED lighting manufacturing
- Plastic injection molding, PC and PMMA extrusion
- LGP production (flat panels and commercial signage)
- Powder coating (epoxy and non-epoxy type), optimized for steel and aluminum coating
- Mechanical workshop
- In-house laboratories for electrical (LVD, EMC) tests, Optical testing laboratory (LM79)
- Own R&D and D&D teams of electronics, optical and mechanical engineers





Light emitting diodes chromaticity range



ANSI C78.377 Binning

- Bin A
- Bin B
- Bin C
- Bin D

MacAdam Ellipse binning

- 5 Step - Bin W
- 3 Step - Bin T

CRI Bin

- > 70 - 79.9
- > 80 - 89.9
- > 90 - 94.9
- > 95 - 99

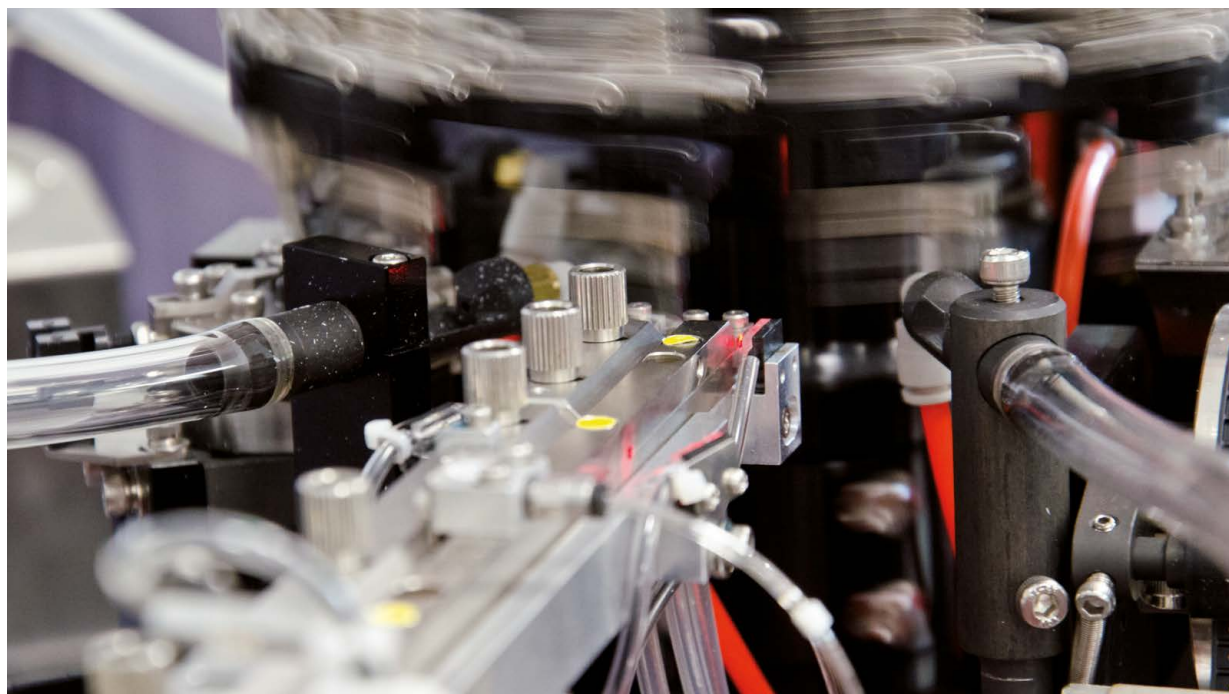
All devices binned at 25°C junction temperature
Temperature derating curves available for all series








General Coding Instructions

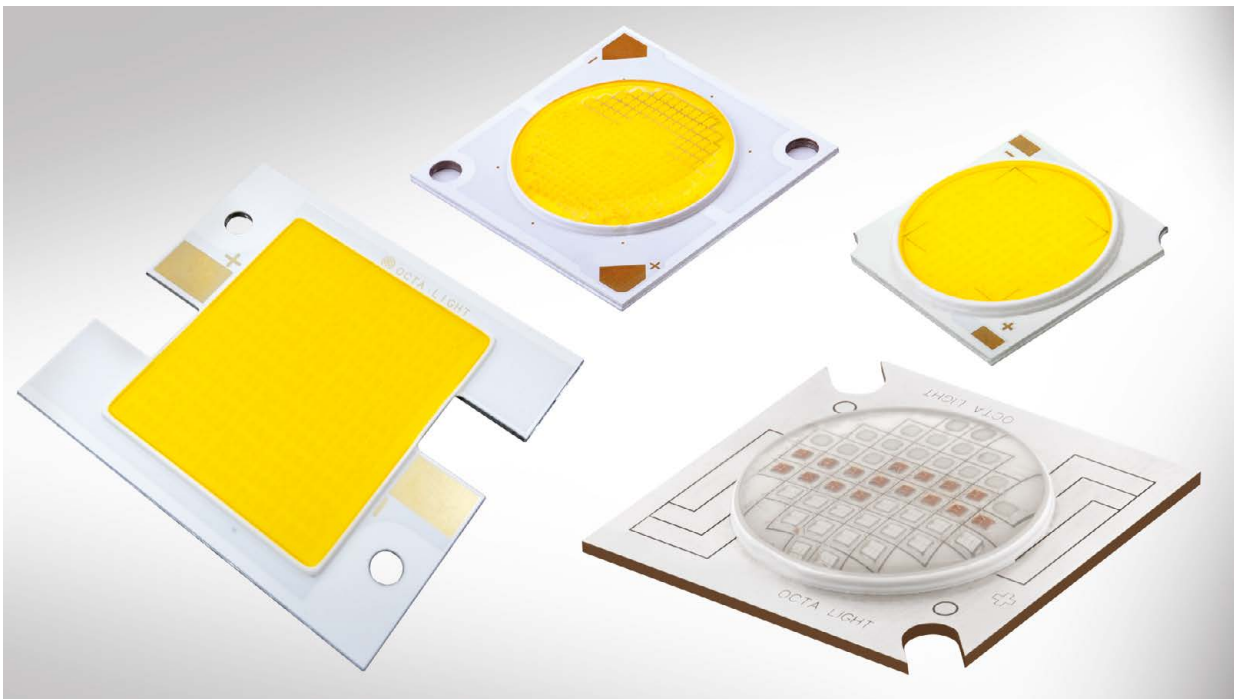
$\frac{OCTL}{X1} - \frac{C9A}{X2} - \frac{CW}{X3} \frac{F}{X6} - \frac{A2A}{X4 X5 X7} - \frac{T}{X8} \frac{90}{X9}$









- X1 - Company name signature, constant for all Octa light series
- X2 - Octa light series name, TGL for TG LEDs, constant for TG led series
- X3 - Cool white (CW), Neutral white (NW), Warm white (WW) options available
- X6 - luminous flux characteristics, example available up to 65 lumen @ 150 mA, F binning group

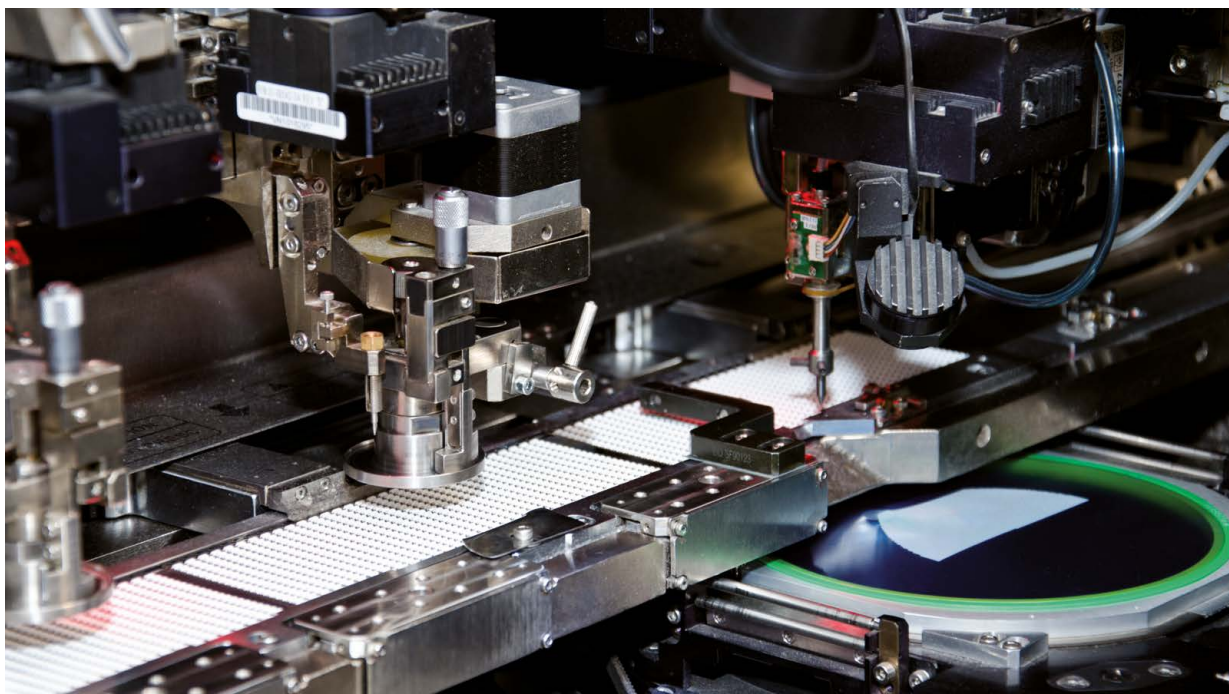
- X4 - Optical distribution type, example avialbe A -120 degree lambertian
- X5 - Color chromaticity coordinates, please see Octa light standart binning list
- X7 - Test current
- X8 - Forward voltage group
- X9 - CRI range



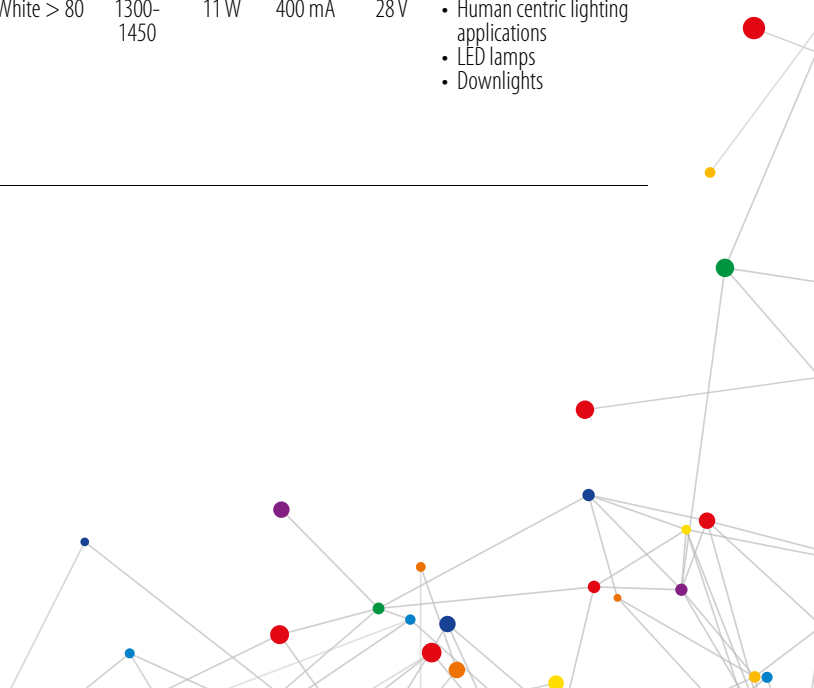
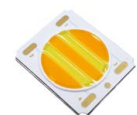
Product type	Key advantages	CCT (K.) binning	CRI Typ. (Ra)	Luminous flux (lm)	Nominal power (W)	Nominal Forward current (mA)	Typical Forward Voltage (V)	Application
Mid and Low-power LEDs								
3014 	<ul style="list-style-type: none"> Low power, miniature design nominal powers up to 0.1 W @ 20 mA Available in full ANSI white binning and R/G/B with selectable peak wavelength 	full ANSI white binning	White >90 White >80 White >70	10-12	0.06 W	20 mA	2.8-3 V	<ul style="list-style-type: none"> Uniform light engines Signal luminaires Dispalys Backlighting
2835 PLCC 	<ul style="list-style-type: none"> Small industry package 2835 PLCC 0.2 W @ 60 mA 2835 PLCC 0.5 W @ 150 mA Available in full ANSI white binning and R/G/B with selectable peak wavelength 	Full ANSI binning, RED/ GREEN/ BLUE/	White > 90 White > 80 White > 70	20-28 50-70	0.2 W 0.5 W	60 mA 150 mA	2.8-3.2V 2.8-3.2V	<ul style="list-style-type: none"> LED bulbs T8 Tubes LED signal applications SMD rigid LED strips Linear LED products Uniform LED light solutions
28A PLCC 	<ul style="list-style-type: none"> Small industry package 28A PLCC 0.20 W @ 75 mA 28A PLCC 0.42 W @ 150 mA Available in full ANSI white binning and R/G/B with selectable peak wavelength 	Full ANSI binning, RED/ GREEN/ BLUE/	White > 90 White > 80	30-40 75-85	0.20W 0.42W	75 mA 150 mA	2.8-3.2V 2.8-3.2V	<ul style="list-style-type: none"> LED bulbs T8 Tubes LED signal applications SMD rigid LED strips Linear LED products Uniform LED light solutions
282 PLCC 	<ul style="list-style-type: none"> High forward voltage LED package, Multi junction structure 23 to 25 V forward voltage at 20 mA forward current, Simplifying power converter requirements 	6500 5700 5000 4500 4000 3500 3000 2700	White > 90 White > 80 White > 70	55-65	0.5 W	20 mA	23-25 V	<ul style="list-style-type: none"> Luminaires requiring simplified power converter designs, minimizing required LED number for reaching minimal voltage drop-out
5730 PLCC 	<ul style="list-style-type: none"> Industry standard PLCC package, up to 180 lm/W for standard single die packages Available in Color R/G/B LM-80 qualified Fully reflow solderable 	Full ANSI binning, RED/ GREEN/ BLUE/	White > 95 White > 90 White > 80 White > 70	60-70	0.5 W	150 mA	2.8-3.4 V	<ul style="list-style-type: none"> LED bulbs T8 Tubes LED signal applications SMD rigid LED strips Linear LED products
572 PLCC 	<ul style="list-style-type: none"> High forward voltage LED package, Multi junction structure 23 to 25 V forward voltage at 20 mA forward current, Simplifying power converter requirements 	6500 5700 5000 4500 4000 3500 3000 2700	White > 90 White > 80 White > 70	55-65	0.5 W	20 mA	23-25 V	<ul style="list-style-type: none"> Luminaires requiring simplified power converter designs, minimizing required LED number for reaching minimal voltage drop-out
57P PLCC 	<ul style="list-style-type: none"> Industry highest single package efficiency – up to 230 lm/W Industry standard 5730 package sizing 	6500 5700 5000 4500 4000 3500 3000 2700	White > 80 White > 70	65-80	0.5 W	150 mA	2.7-3.0V	<ul style="list-style-type: none"> High efficiency LED products Cutting Edge street/interior/commercial lighting applications



Product type	Key advantages	CCT (K.) binning	CRI Typ. (Ra)	Luminous flux (lm)	Nominal power (W)	Nominal Forward current (mA)	Typical Forward Voltage (V)	Application
Aluminum BASE Chip On Boards, 3 McAdam Binning (ANSI C78.377)								
C1A 	<ul style="list-style-type: none"> Uniform consistent light Minimized Color Shift versus Angle 14 x 14 mm package 10 mm Light Emitting Area Gold Plate Contact Area 	Full ANSI binning	White > 90 White > 80 White > 70	1000- 1400	9.5 W	350 mA	27-28.8V	<ul style="list-style-type: none"> LED bulbs Retail products General lighting
C2A 	<ul style="list-style-type: none"> Uniform consistent light Minimized Color Shift versus Angle 19 x 19 mm package 15 mm Light Emitting Area Gold Plate Contact Area 	Full ANSI binning	White > 90 White > 80 White > 70	2000- 2800	23 W	600 mA	33.6- 38.4 V	<ul style="list-style-type: none"> Downlights Floodlights General lighting applications Track lights Floodlights
C3A 	<ul style="list-style-type: none"> Minimized Color Shift versus Angle 19 x 19 mm package 16.5 mm Light Emitting Area Gold Plate Contact Area 	Full ANSI binning	White > 90 White > 80 White > 70	3000- 4200	28 W	800 mA	33.6- 38.4 V	<ul style="list-style-type: none"> Downlights Track light General lighting applications
C5A 	<ul style="list-style-type: none"> Uniform consistent light Minimized Color Shift versus Angle 28 x 28 mm package 20.5 mm Light Emitting Area Gold Plate Contact Area 	Full ANSI binning	White > 90 White > 80 White > 70	5000- 7000	54 W	1050 mA	50.4- 57.6 V	<ul style="list-style-type: none"> Street lighting applications General lighting High bay
C8B 	<ul style="list-style-type: none"> Uniform consistent light Minimized Color Shift versus Angle 48 x 48 mm package 	Full ANSI binning	White > 80 White > 70	10000- 12500	70 W	250 mA	280- 295 V	<ul style="list-style-type: none"> Street lighting applications High bay
C8C 	<ul style="list-style-type: none"> Uniform consistent light Minimized Color Shift versus Angle 48 x 48 mm package 	Full ANSI binning	White > 80 White > 70	10000- 12000	80 W	350 mA	216- 238 V	<ul style="list-style-type: none"> Street lighting applications High bay
C8D 	<ul style="list-style-type: none"> Uniform consistent light Minimized Color Shift versus Angle 48 x 48 mm package 	Full ANSI binning	White > 80 White > 70	5000- 6500	42 W	770 mA	44.8- 54.4 V	<ul style="list-style-type: none"> Downlights Track lights General lighting applications
C9A 	<ul style="list-style-type: none"> Uniform consistent light Minimized Color Shift versus Angle 	Full ANSI binning	White > 80 White > 70	7900	50 W	300 mA	165- 167 V	<ul style="list-style-type: none"> Street lighting applications High bay



Product type	Key advantages	CCT (K.) binning	CRI Typ. (Ra)	Luminous flux (lm)	Nominal power (W)	Nominal Forward current (mA)	Typical Forward Voltage (V)	Application
Color LEDs								
2835 3014 5730	<ul style="list-style-type: none"> • Customized monochrome colors • 385-950 nm 	Whole visible range, UV-A, IR	/	Custom- ized	5-1000	Custom- ized	Custom- ized	<ul style="list-style-type: none"> • Special application luminaires (special effects devices) • Stage lighting applications • Architectural lighting • Multicolor single light sources
RGB LEDs								
C1F RGB C2F RGB	<ul style="list-style-type: none"> • Industry unique R/G/B technology, single Chip on Board packages with multicolor outputs • Open Anode/Open cathode or Open Anode/common cathode variants available 	R/G/B, selectable peak wavelength	/	1100- 1300		350 mA per color	8.4- 10.2 V	<ul style="list-style-type: none"> • Stage lighting applications • Architectural lighting • Multicolor single light sources • Special application luminaires (special effects devices)
C3F RGB C5F RGB	<ul style="list-style-type: none"> • Highest possible density of color mix, single source color for all three primary colors • Custom Current Voltage setup available (coupling of required forward current to forward for specific power supply type possible) 	R/G/B, selectable peak wavelength	/	5900- 7000		700 mA per color	24-28 V	
			/	10000- 12000		1400 mA per color	24-28 V	
Multi white COB								
C2T	<ul style="list-style-type: none"> • Adjustable colour temperature • Excellent brightness and colour uniformity • Simplified integration 	2700 K - 5700 K	White > 80	1300- 1450	11 W	400 mA	28 V	<ul style="list-style-type: none"> • Human centric lighting applications • LED lamps • Downlights





LED LUMINAIRES

Top efficient LED luminaires produced in the EU

Octa Light Bulgaria produces wide range of highly efficient LED luminaires for office, industrial, street and other popular lighting applications. Our vertically integrated production process and most modern technology equipment provides highest level of product efficiency and reliability. The company manufacturing facility is based entirely in the EU.



INTERIOR

INDUSTRIAL

STREET

EXTERIOR



Flat Panel GII Premium Series

The new Octa Light Bulgaria LED panels are characterized by exclusive elegance and ultra slim design. They are an excellent solution for lighting of all types of office environments thanks to the homogeneous soft illumination without glare. The LED panels are energy efficient alternative to all Troffer type

conventional lighting systems. Octa Light offers a wide variety of models with various sizes: 30x30, 60x60, 30x120, 60x120.

Applications

Offices, hotels, conference rooms, schools, universities, hospitals, administrative buildings.

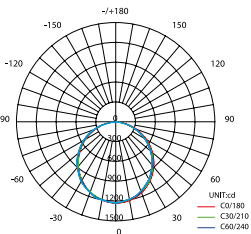
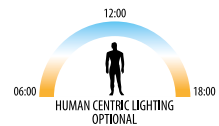
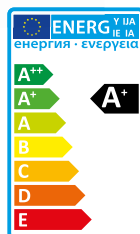
Product type	Product code*	Dimensions	Nominal Voltage	Nominal Wattage	Luminous flux			CRI	Nominal lifespan
					CW	NW	WW		
Flat Panel GII Premium 296x296 18 W	PLNPRE029602960188XX	296/296	230 V AC	18 W	1 980 lm	1 980 lm	1 880 lm	80	50 000 h
Flat Panel GII Premium 296x596 20 W	PLNPRE029605960208XX	296/596	230 V AC	20 W	2 200 lm	2 200 lm	2 090 lm	80	50 000 h
Flat Panel GII Premium 596x596 36 W	PLNPRE059605960368XX	596/596	230 V AC	36 W	3 960 lm	3 960 lm	3 760 lm	80	50 000 h
Flat Panel GII Premium 600x600 36 W	PLNPRE060006000368XX	600/600	230 V AC	36 W	3 960 lm	3 960 lm	3 760 lm	80	50 000 h
Flat Panel GII Premium 622x622 36 W	PLNPRE062206220368XX	622/622	230 V AC	36 W	3 960 lm	3 960 lm	3 760 lm	80	50 000 h
Flat Panel GII Premium 625x625 36 W	PLNPRE062506250368XX	625/625	230 V AC	36 W	3 960 lm	3 960 lm	3 760 lm	80	50 000 h
Flat Panel GII Premium 1192x592 70 W	PLNPRE119205920708XX	1 192/592	230 V AC	70 W	7 700 lm	7 700 lm	7 320 lm	80	50 000 h
Flat Panel GII Premium 1200x300 36 W	PLNPRE120003000368XX	1 200/300	230 V AC	36 W	3 960 lm	3 960 lm	3 760 lm	80	50 000 h
Flat Panel GII Premium 1200x600 36 W	PLNPRE120006000368XX	1 200/600	230 V AC	36 W	3 960 lm	3 960 lm	3 760 lm	80	50 000 h
Flat Panel GII Premium 1200x600 70 W	PLNPRE120006000708XX	1 200/600	230 V AC	70 W	7 700 lm	7 700 lm	7 320 lm	80	50 000 h
Flat Panel GII Premium 1250x185 40 W	PLNPRE125001850408XX	1 250/185	230 V AC	40 W	4 400 lm	4 400 lm	4 180 lm	80	50 000 h
Flat Panel GII Premium 1250x312.5 40 W	PLNPRE125003120408XX	1 250/312.5	230 V AC	40 W	4 400 lm	4 400 lm	4 180 lm	80	50 000 h
Flat Panel GII Premium 1492x292 70 W	PLNPRE149202920708XX	1 492/292	230 V AC	70 W	7 700 lm	7 700 lm	7 320 lm	80	50 000 h
Flat Panel GII Premium 1492x592 80 W	PLNPRE149205920808XX	1 492/592	230 V AC	80 W	8 800 lm	8 800 lm	8 360 lm	80	50 000 h
Flat Panel GII Premium 1550x185 18 W	PLNPRE155001850188XX	1 550/185	230 V AC	18 W	1 980 lm	1 980 lm	1 880 lm	80	50 000 h
Flat Panel GII Premium 1550x312.5 70 W	PLNPRE155003120708XX	1 550/312.5	230 V AC	70 W	7 700 lm	7 700 lm	7 320 lm	80	50 000 h

* Last three symbols – CRI and CCT. i.e. 840 mean CRI> 80, CCT 4000K

*Surface mounting kit optional

*Suspended mounting kit optional

* Gypsum board clips optional





Flat Panel GII UHE Series

Octa Light Flat Panels of UHE series have ultra high efficiency for this type of luminaires - up to 125 lm/W. The LED panels are standard offered for recessed mounting. Other mounting methods are also available upon request: recessed with

additional mounting clips for gypsum board ceilings or metal ceilings, surface mounting through frame box, or hanging with special suspended mounting kit.

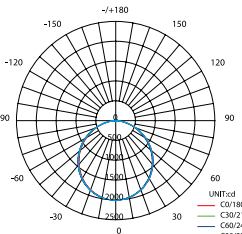
Product type	Product code*	Dimensions	Nominal Voltage	Nominal Wattage	Luminous flux			CRI	Nominal lifespan
					CW	NW	WW		
Flat Panel GII UHE 296x296 18 W	PLNUHE029602960188XX	296/296	230 V AC	18 W	2 250 lm	2 250 lm	2 140 lm	80	50 000 h
Flat Panel GII UHE 296x596 20 W	PLNUHE029605960208XX	296/596	230 V AC	20 W	2 500 lm	2 500 lm	2 380 lm	80	50 000 h
Flat Panel GII UHE 596x596 36 W	PLNUHE059605960368XX	596/596	230 V AC	36 W	4 500 lm	4 500 lm	4 280 lm	80	50 000 h
Flat Panel GII UHE 600x600 36 W	PLNUHE060006000368XX	600/600	230 V AC	36 W	4 500 lm	4 500 lm	4 280 lm gradient=0.8" 80	50 000 h	
Flat Panel GII UHE 622x622 36 W	PLNUHE062206220368XX	622/622	230 V AC	36 W	4 500 lm	4 500 lm	4 280 lm	80	50 000 h
Flat Panel GII UHE 625x625 36 W	PLNUHE062506250368XX	625/625	230 V AC	36 W	4 500 lm	4 500 lm	4 280 lm	80	50 000 h
Flat Panel GII UHE 1192x592 70 W	PLNUHE119205920708XX	1 192/592	230 V AC	70 W	8 750 lm	8 750 lm	8 310 lm	80	50 000 h
Flat Panel GII UHE 1200x300 36 W	PLNUHE120003000368XX	1 200/300	230 V AC	36 W	4 500 lm	4 500 lm	4 280 lm	80	50 000 h
Flat Panel GII UHE 1200x600 36 W	PLNUHE120006000368XX	1 200/600	230 V AC	36 W	4 500 lm	4 500 lm	4 280 lm	80	50 000 h
Flat Panel GII UHE 1200x600 70 W	PLNUHE120006000708XX	1 200/600	230 V AC	70 W	8 750 lm	8 750 lm	8 310 lm	80	50 000 h
Flat Panel GII UHE 1250x185 40 W	PLNUHE125001850408XX	1 250/185	230 V AC	40 W	5 000 lm	5 000 lm	4 750 lm	80	50 000 h
Flat Panel GII UHE 1250x312.5 40 W	PLNUHE125003120408XX	1 250/312.5	230 V AC	40 W	5 000 lm	5 000 lm	4 750 lm	80	50 000 h
Flat Panel GII UHE 1492x292 70 W	PLNUHE149202920708XX	1 492/292	230 V AC	70 W	8 750 lm	8 750 lm	8 310 lm	80	50 000 h
Flat Panel GII UHE 1492x592 80 W	PLNUHE149205920808XX	1 492/592	230 V AC	80 W	10 000 lm	10 000 lm	9 500 lm	80	50 000 h
Flat Panel GII UHE 1550x185 18 W	PLNUHE155001850188XX	1 550/185	230 V AC	18 W	2 250 lm	2 250 lm	2 140 lm	80	50 000 h
Flat Panel GII UHE 1550x312.5 70 W	PLNUHE155003120708XX	1 550/312.5	230 V AC	70 W	8 750 lm	8 750 lm	8 310 lm	80	50 000 h

* Last three symbols – CRI and CCT. i.e. 840 mean CRI > 80, CCT 4000K

* Surface mounting kit optional

* Suspended mounting kit optional

* Gypsum board clips optional





OLOT-C, OLOT-N and OLOT-S Series

The OLOT series has been created for replacement of popular existing square 60 x 60 cm fluorescent lighting fixtures 2x14W, 4x14W, 2x18W, 4x18W with highly efficient LED solutions. All models are characterized with soft homogeneous light. The fixtures have excellent thermal management to ensure long life time of LEDs and their reliable operation. OLOT-C and OLOT-S can be installed via recessed or surface mounting. The size complies to the standard dimensions

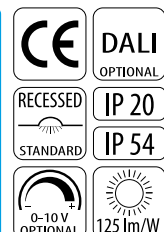
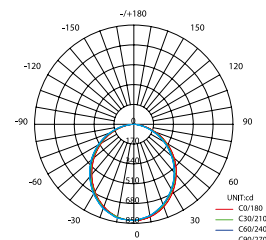
of the most popular conventional lighting of this type, which makes replacement quick and easy.

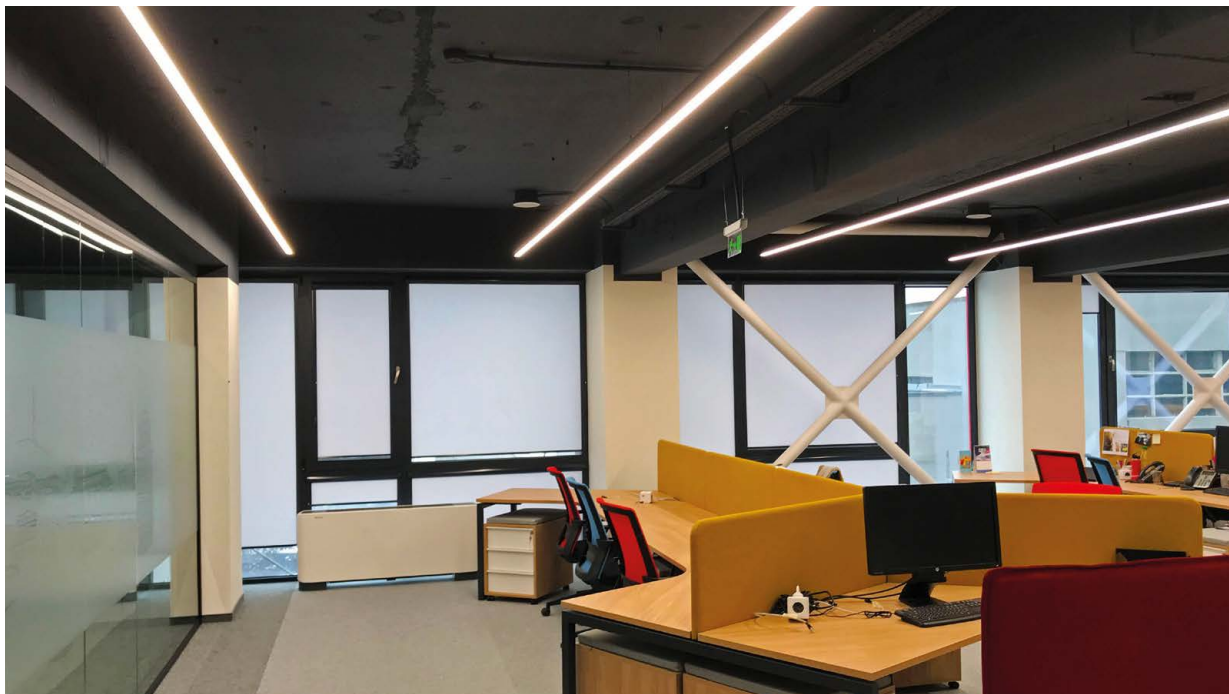
Applications

Offices, hotels, conference rooms, schools, universities, hospitals, administrative buildings. Selected models are suitable for some industrial applications as clean rooms in microelectronics manufacturing.

Product type	Product code*	Dimensions	Nominal Voltage	Nominal Wattage	Luminous flux			CRI	Nominal lifespan
					CW	NW	WW		
OLOT-C High Efficiency Recessed 30 W	OLCHEF0308XXR	60/60	230 V AC	30 W	3 750 lm	3 750 lm	3 560 lm	80	50 000 h
OLOT-C High Efficiency Recessed 40 W	OLCHEF0408XXR	60/60	230 V AC	40 W	5 000 lm	5 000 lm	4 750 lm	80	50 000 h
OLOT-S High Efficiency Recessed 30 W	OLSHEF0308XXR	60/60	230 V AC	30 W	3 750 lm	3 750 lm	3 560 lm	80	50 000 h
OLOT-S High Efficiency Recessed 40 W	OLSHEF0408XXR	60/60	230 V AC	40 W	5 000 lm	5 000 lm	4 750 lm	80	50 000 h
OLOT-C High Efficiency Surface 30 W	OLCHEF0308XXS	60/60	230 V AC	30 W	3 750 lm	3 750 lm	3 560 lm	80	50 000 h
OLOT-C High Efficiency Surface 40 W	OLCHEF0408XXS	60/60	230 V AC	40 W	5 000 lm	5 000 lm	4 750 lm	80	50 000 h
OLOT-S High Efficiency Surface 30 W	OLSHEF0308XXS	60/60	230 V AC	30 W	3 750 lm	3 750 lm	3 560 lm	80	50 000 h
OLOT-S High Efficiency Surface 40 W	OLSHEF0408XXS	60/60	230 V AC	40 W	5 000 lm	5 000 lm	4 750 lm	80	50 000 h
OLOT-N High Efficiency Recessed 30 W	OLNHEF0308XXR	60/60	230 V AC	30 W	3 750 lm	3 750 lm	3 560 lm	80	50 000 h
OLOT-N High Efficiency Recessed 40 W	OLNHEF0408XXR	60/60	230 V AC	40 W	5 000 lm	5 000 lm	4 750 lm	80	50 000 h

* 8XX - CRI and CCT, i.e. 840 means CRI > 80, CCT 4000K





SSR

The SSR series are suspended linear luminaires that provide a clean, continuous, linear profile of light, creating a contemporary look for a range of applications. The fixtures are offered in two standard lengths of 1000 mm and 2000 mm. They can be combined in long continuous line as a single luminaire. Customer-specific lengths and curved types models are available on request.

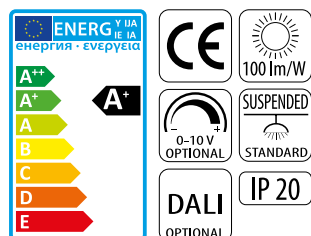
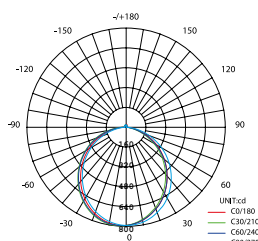
The LED driver is typically integrated in the housing to contribute to the stylish look of the fixture.

Applications

Offices, hotels, conference rooms, museums, retail outlets, schools.

Product type	Product code*	Dimensions	Nominal Voltage	Nominal Wattage	Luminous flux			CRI	Nominal lifespan
					CW	NW	WW		
SSR 22 W	SSRADV100228XX	100 cm	186-245 V	22 W	2 200 lm	2 200 lm	2 100 lm	80	50 000 h
SSR 44 W	SSRADV200448XX	200 cm	186-245 V	44 W	4 400 lm	4 400 lm	4 150 lm	80	50 000 h

*8XX-CRI and CCT, i.e. 840 means CRI >80, CCT 4000K





SLIM LINE Series

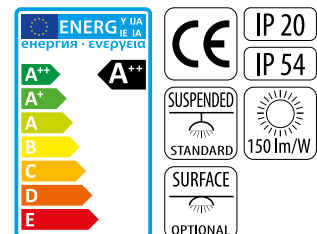
The SLIM LINE range comprises different modules which can be combined in numerous options. Designers and engineers working in the field of lighting believe that modular lighting systems create both impressive aesthetic effect and ergonomic comfort with minimum project costs and reduced operational costs.

Applications

Offices, retail outlets, public buildings, schools, parking places. Suitable for some industrial applications.

Product type	Product code*	Length	Nominal Voltage	Nominal Wattage	Luminous flux			CRI	Nominal lifespan
					CW	NW	WW		
SLIMLINE SLR Premium 10 W	SLRPRE06000108XX	60 cm	230 V AC	10 W	1 500 lm	1 500 lm	1 430 lm	80	50 000 h
SLIMLINE SLR Premium 18 W	SLRPRE06000188XX	60 cm	230 V AC	18 W	2 700 lm	2 700 lm	2 570 lm	80	50 000 h
SLIMLINE SLR Premium 27 W	SLRPRE12000278XX	120 cm	230 V AC	27 W	4 050 lm	4 050 lm	3 850 lm	80	50 000 h
SLIMLINE SLR Premium 40 W	SLRPRE12000408XX	120 cm	230 V AC	40 W	6 000 lm	6 000 lm	5 700 lm	80	50 000 h
SLIMLINE SLR Premium 47 W	SLRPRE15000478XX	150 cm	230 V AC	47 W	7 050 lm	7 050 lm	6 700 lm	80	50 000 h
SLIMLINE SLR Premium 60 W	SLRPRE15000608XX	150 cm	230 V AC	60 W	9 000 lm	9 000 lm	8 550 lm	80	50 000 h
SLIMLINE SLS Premium 10 W	SLSPRE06000108XX	60 cm	230 V AC	10 W	1 500 lm	1 500 lm	1 430 lm	80	50 000 h
SLIMLINE SLS Premium 18 W	SLSPRE06000188XX	60 cm	230 V AC	18 W	2 700 lm	2 700 lm	2 570 lm	80	50 000 h
SLIMLINE SLS Premium 27 W	SLSPRE12000278XX	120 cm	230 V AC	27 W	4 050 lm	4 050 lm	3 850 lm	80	50 000 h
SLIMLINE SLS Premium 40 W	SLSPRE12000408XX	120 cm	230 V AC	40 W	6 000 lm	6 000 lm	5 700 lm	80	50 000 h
SLIMLINE SLS Premium 47 W	SLSPRE15000478XX	150 cm	230 V AC	47 W	7 050 lm	7 050 lm	6 700 lm	80	50 000 h
SLIMLINE SLS Premium 60 W	SLSPRE15000608XX	150 cm	230 V AC	60 W	9 000 lm	9 000 lm	8 550 lm	80	50 000 h

* 8XX - CRI and CCT, i.e. 840 means CRI > 80, CCT 4000K





PROLUX Series

PROLUX series are LED luminaires with high efficiency and elegant design. Direct replacement for the popular 1x18W, 1x36W, 2x36W, 1x54W, 2x54W fluorescent lighting sources. PROLUX is provided in two basic types: PROLUX A - oval shape of the front cover and PROLUX B - rectangular shape of the front cover.

Applications

Offices, retail outlets, public buildings, schools, parking places.

Product type	Product code*	Dimensions	Nominal Voltage	Nominal Wattage	Luminous flux			CRI	Nominal lifespan
					CW	NW	WW		
PROLUX A 20 W	PRA06000208XX	60 cm	230 V AC	20 W	2 600 lm	2 600 lm	2 450 lm	80	50 000 h
PROLUX A 27 W	PRA12000278XX	120 cm	230 V AC	27 W	3 500 lm	3 510 lm	3 300 lm	80	50 000 h
PROLUX A 37 W	PRA12000378XX	120 cm	230 V AC	37 W	4 810 lm	4 810 lm	4 570 lm	80	50 000 h
PROLUX A 47 W	PRA15000478XX	150 cm	230 V AC	47 W	6 110 lm	6 110 lm	5 800 lm	80	50 000 h
PROLUX B 20 W	PRB06000208XX	60 cm	230 V AC	20 W	2 600 lm	2 600 lm	2 470 lm	80	50 000 h
PROLUX B 27 W	PRB12000278XX	120 cm	230 V AC	27 W	3 510 lm	3 010 lm	3 330 lm	80	50 000 h
PROLUX B 37 W	PRB12000378XX	120 cm	230 V AC	37 W	4 810 lm	4 810 lm	4 570 lm	80	50 000 h
PROLUX B 47 W	PRB15000478XX	150 cm	230 V AC	47 W	6 110 lm	6 110 lm	5 800 lm	80	50 000 h

* 8XX - CRI and CCT, i.e. 840 means CRI > 80, CCT 4000K





RLL Series

The recessed linear luminaire RLL has been designed to offer eye-catching architectural appeal and to provide options for versatile indoor lighting solutions. Whether being used for general illumination or to enhance and highlight architectural elements, this series

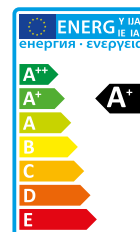
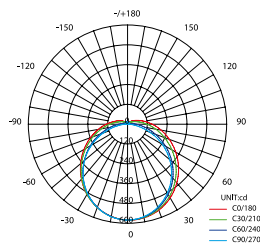
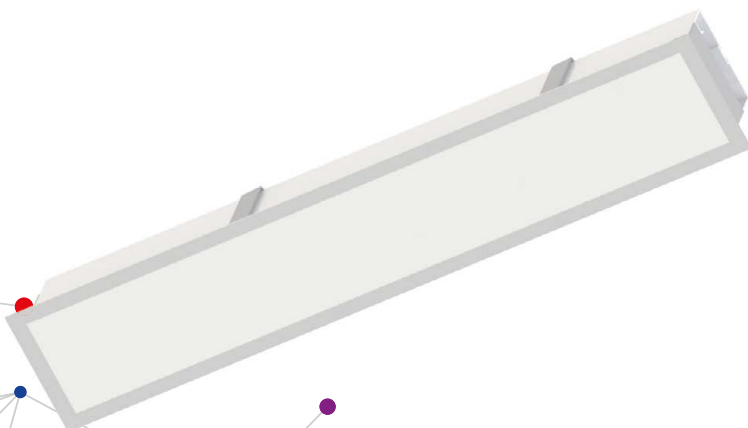
offers great design flexibility, providing at the same time soft homogenous light.

Applications

Offices, public buildings, corridors.

Product type	Product code*	Dimensions	Nominal Voltage	Nominal Wattage	Luminous flux			CRI	Nominal lifespan
					CW	NW	WW		
RLL 6 W	RLS06000068XX	60/5.7 cm	230 V AC	6 W	700 lm	700 lm	640 lm	80	50 000 h
RLL 12 W	RLS06000128XX	60/5.7 cm	230 V AC	12 W	1 300 lm	1 300 lm	1 150 lm	80	50 000 h
RLL 12 W	RLS12000128XX	120/5.7 cm	230 V AC	12 W	1 400 lm	1 400 lm	1 200 lm	80	50 000 h
RLL 24 W	RLS12000248XX	120/5.7 cm	230 V AC	24 W	2 600 lm	2 600 lm	2 300 lm	80	50 000 h
RLL 18 W	RLS15000188XX	150/5.7 cm	230 V AC	18 W	2 100 lm	2 100 lm	1 900 lm	80	50 000 h
RLL 36 W	RLS15000368XX	150/5.7 cm	230 V AC	36 W	4 000 lm	4 000 lm	3 600 lm	80	50 000 h
RLL 6 W	RLL06000068XX	60/8.5 cm	230 V AC	6 W	770 lm	770 lm	700 lm	80	50 000 h
RLL 12 W	RLL06000128XX	60/8.5 cm	230 V AC	12 W	1 430 lm	1 430 lm	1 260 lm	80	50 000 h
RLL 12 W	RLL12000128XX	120/8.5 cm	230 V AC	12 W	1 540 lm	1 540 lm	1 320 lm	80	50 000 h
RLL 24 W	RLL12000248XX	120/8.5 cm	230 V AC	24 W	2 860 lm	2 860 lm	2 530 lm	80	50 000 h
RLL 18 W	RLL15000188XX	150/8.5 cm	230 V AC	18 W	2 300 lm	2 300 lm	2 090 lm	80	50 000 h
RLL 36 W	RLL15000368XX	150/8.5 cm	230 V AC	36 W	4 400 lm	4 400 lm	3 960 lm	80	50 000 h

* 8XX - CRI and CCT, i.e. 840 means CRI > 80, CCT 4000K





ESTRELLA Series

ESTRELLA is a LED luminaire that can provide various lighting solutions in the retail outlets. It can be used for general or accent lighting. Lighting is a key factor for sales in commercial zones and retail outlets. It can directly affect buyers purchasing intentions by influencing the mood or focusing their attention to retail merchandising and products specific attributes. ESTRELLA series include models with

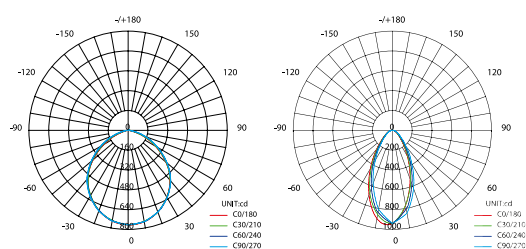
different design and the option to direct the light angle. ESTRELLA enables retailers to achieve significant energy saving as it is 70% more efficient in comparison to conventional energy-saving lamps.

Applications

Commercial zones, retail outlets, shop windows. Offices, public buildings, corridors.

Product type	Product code*	Dimensions	Nominal Voltage	Nominal Wattage	Luminous flux			CRI	Nominal lifespan
					CW	NW	WW		
ESTRELLA S Recessed 12 W	ESTS0128XXR	Ø 178 mm	230 V AC	12 W	1 200 lm	1 200 lm	1 140 lm	80	50 000 h
ESTRELLA M Recessed 12 W	ESTM0128XXR	Ø 188 mm	230 V AC	12 W	1 200 lm	1 200 lm	1 140 lm	80	50 000 h
ESTRELLA M Recessed 15 W	ESTM0158XXR	Ø 188 mm	230 V AC	15 W	1 500 lm	1 500 lm	1 430 lm	80	50 000 h
ESTRELLA L Recessed 15 W	ESTL0158XXR	Ø 240 mm	230 V AC	15 W	1 500 lm	1 500 lm	1 430 lm	80	50 000 h
ESTRELLA L Recessed 20 W	ESTL0208XXR	Ø 240 mm	230 V AC	20 W	2 000 lm	2 000 lm	1 900 lm	80	50 000 h
ESTRELLA L Recessed 25 W	ESTL0258XXR	Ø 240 mm	230 V AC	25 W	2 500 lm	2 500 lm	2 370 lm	80	50 000 h
ESTRELLA 7" M Recessed 15 W	EST70158XXR	Ø 199 mm	230 V AC	15 W	1 500 lm	1 500 lm	1 430 lm	80	50 000 h
ESTRELLA 7" M Recessed 20 W	EST70208XXR	Ø 199 mm	230 V AC	20 W	2 000 lm	2 000 lm	1 900 lm	80	50 000 h
ESTRELLA 7" M Recessed 25 W	EST70258XXR	Ø 199 mm	230 V AC	25 W	2 500 lm	2 500 lm	2 375 lm	80	50 000 h
ESTRELLA R Recessed 11 W	ESTR0118XXR	Ø 120 mm	230 V AC	11 W	1 100 lm	1 100 lm	1 050 lm	80	50 000 h
ESTRELLA Square 15 W	ESTQ0158XXR	220 mm	230 V AC	15 W	1 500 lm	1 500 lm	1 430 lm	80	50 000 h
ESTRELLA Square 22 W	ESTQ0228XXR	220 mm	230 V AC	22 W	2 200 lm	2 200 lm	2 100 lm	80	50 000 h

* 8XX - CRI and CCT, i.e. 840 means CRI > 80, CCT 4000K





EOS and DLG Series

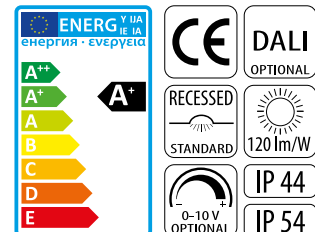
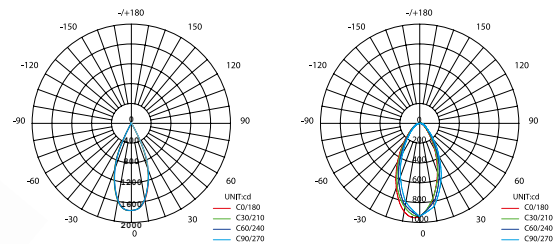
EOS and DLG series are advanced downlight fixtures with higher IP level of protection against water and dust. The EOS series is specially developed to provide high quality downlight solutions for demanding projects in terms of lighting parameters, lifetime and contemporary design. The fixtures provide low glare illumination for both general and spot lighting applications.

Applications

Commercial zones, offices, public areas, such as stairways, lobbies, receptions. Suitable for bathrooms and industrial zones requiring fixtures with high IP protection.

	Product type	Product code***	Dimensions, Outer Ø	Nominal Voltage	Nominal Wattage	Luminous flux			CRI	Nominal lifespan
						CW	NW	WW		
EOS	EOS 5" 15 W IP 54	EOS50158XXR	160 mm	230V AC	15 W	1 800 lm	1 800 lm	1 700 lm	80	50 000 h
	EOS 5" 20 W IP 54	EOS50208XXR	160 mm	230V AC	20 W	2 400 lm	2 400 lm	2 280 lm	80	50 000 h
	EOS 7" 15 W IP54	EOS70158XXR	185 mm	230V AC	15 W	1 800 lm	1 800 lm	1 700 lm	80	50 000 h
	EOS 7" 20 W IP54	EOS70208XXR	185 mm	230V AC	20 W	2 400 lm	2 400 lm	2 280 lm	80	50 000 h
	EOS 7" 25 W IP54	EOS70258XXR	185 mm	230V AC	25 W	3 000 lm	3 000 lm	2 850 lm	80	50 000 h
	EOS 9" 20 W IP54	EOS90208XXR	240 mm	230V AC	20 W	2 400 lm	2 400 lm	2 280 lm	80	50 000 h
	EOS 9" 25 W IP54	EOS90258XXR	240 mm	230V AC	25 W	3 000 lm	3 000 lm <td 2 850 lm	80	50 000 h	
	EOS 9" 30 W IP54	EOS90308XXR	240 mm	230V AC	30 W	3 600 lm	3 600 lm	3 420 lm	80	50 000 h
DLG	DLG 9 W IP44	DLG098XXYYR	110 mm	230 V AC	9 W	720 lm	720 lm	680 lm	80	50 000 h
	DLG 12 W IP44	DLG128XXYYR	110 mm	230 V AC	12 W	960 lm	960 lm	910 lm	80	50 000 h

* 8XX-CRI and CCT, i.e. 840 means CRI>80, CCT 4000K,
 **YY- beam angle, i.e. 38 means 38 degrees beam angle





OVALED and OVALED HDT Series

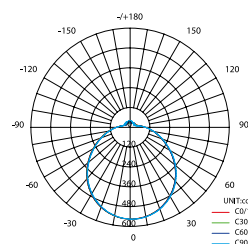
OVALED is a LED plafond type of luminaire. It is excellent value for money, yet energy efficient solution for indoor lighting applications requiring higher IP protection class. Neat design and soft homogeneous light. The new OVALED HDT Series is engineered for lighting applications demanding higher efficiency and reliability levels of performance.

Applications

Wet areas, bathrooms, terraces, corridors, cellars.

Product type	Product code*	Dimensions, Outer Ø	Nominal Voltage	Nominal Wattage	Luminous flux			CRI	Nominal lifespan
					CW	NW	WW		
OVALED 12 W IP 54	OVL0128XX	340/300 mm	230 V AC	12 W	1 020 lm	1 020 lm	970 lm	80	50 000 h
OVALED 15 W IP 54	OVL0158XX	340/300 mm	230 V AC	15 W	1 275 lm	1 275 lm	1 200 lm	80	50 000 h
OVALED HDT 10 W IP 65	OVLHDT0108XX	300 mm	230 V AC	10 W	1 200 lm	1 200 lm	1 140 lm	80	50 000 h
OVALED HDT 15 W IP 65	OVLHDT0158XX	300 mm	230 V AC	15 W	1 800 lm	1 800 lm	1 710 lm	80	50 000 h
OVALED HDT 18 W IP 65	OVLHDT0188XX	300 mm	230 V AC	18 W	2 160 lm	2 160 lm	2 050 lm	80	50 000 h
OVALED HDT 25 W IP 65	OVLHDT0258XX	300 mm	230 V AC	25 W	3 000 lm	3 000 lm	2 850 lm	80	50 000 h

* 8XX - CRI and CCT, i.e. 840 means CRI > 80, CCT 4000K



REFERENCE PROJECTS

INTERIOR



Millennium Business Center Sofia, Bulgaria – Office LED lighting
FLAT PANEL Series, OLOT Series



Fitness Center in Millennium Hotel, Sofia, Bulgaria
SSR Advance Series, Estrella Series



A1 Bulgaria, Sofia, Bulgaria - Company head offices
Estrella Square Series



A1 Bulgaria, Sofia, Bulgaria - Company head offices
SSR Linear Series



SENSATA Technologies, Bulgaria
OLOT Series customized solutions for clean rooms



IMI, electronics, Bulgaria
OLOT Series, PROFFIT Series



Private School St. George, Sofia, Bulgaria
LED Flat Panel Series, OLOT-S Series, Estrella Series



City Center Sofia, Bulgaria – Interior lighting
ESTRELLA Series, PROFFIT Series



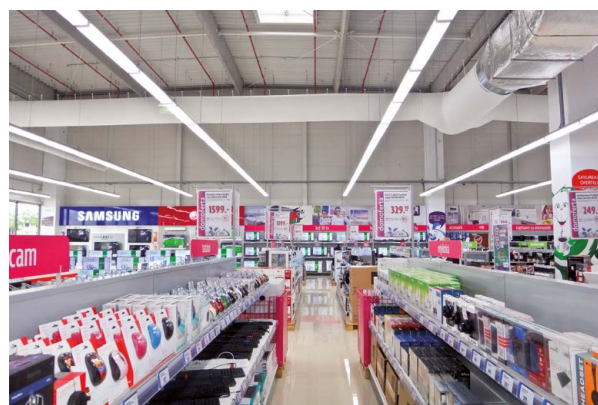
TELENOR shops, Bulgaria, over 150 shops and two data centers
ESTRELLA Series, SLR Series



VIVACOM shops, Bulgaria
ESTRELLA Series



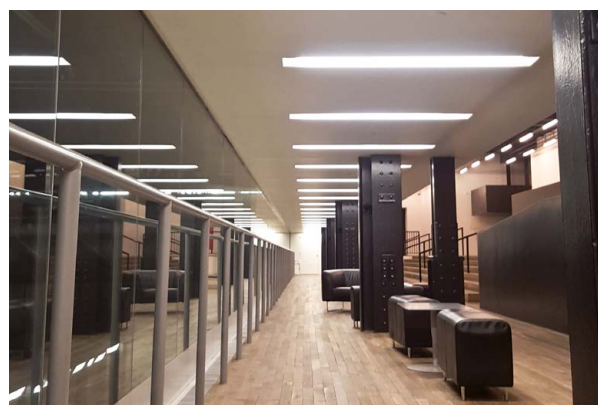
TECHNOMARKET stores, Bulgaria
OLOT Series, SLR Series



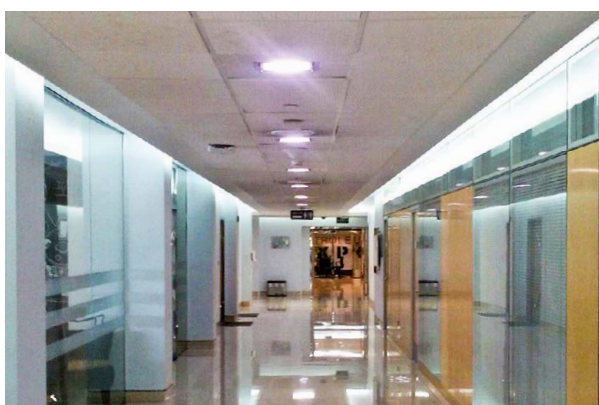
DOMO retail stores, Romania
PROLUX Series



KFC restaurants, Bulgaria
ESTRELLA Series



LONDON Art Gallery, United Kingdom
LED T8 customized solution

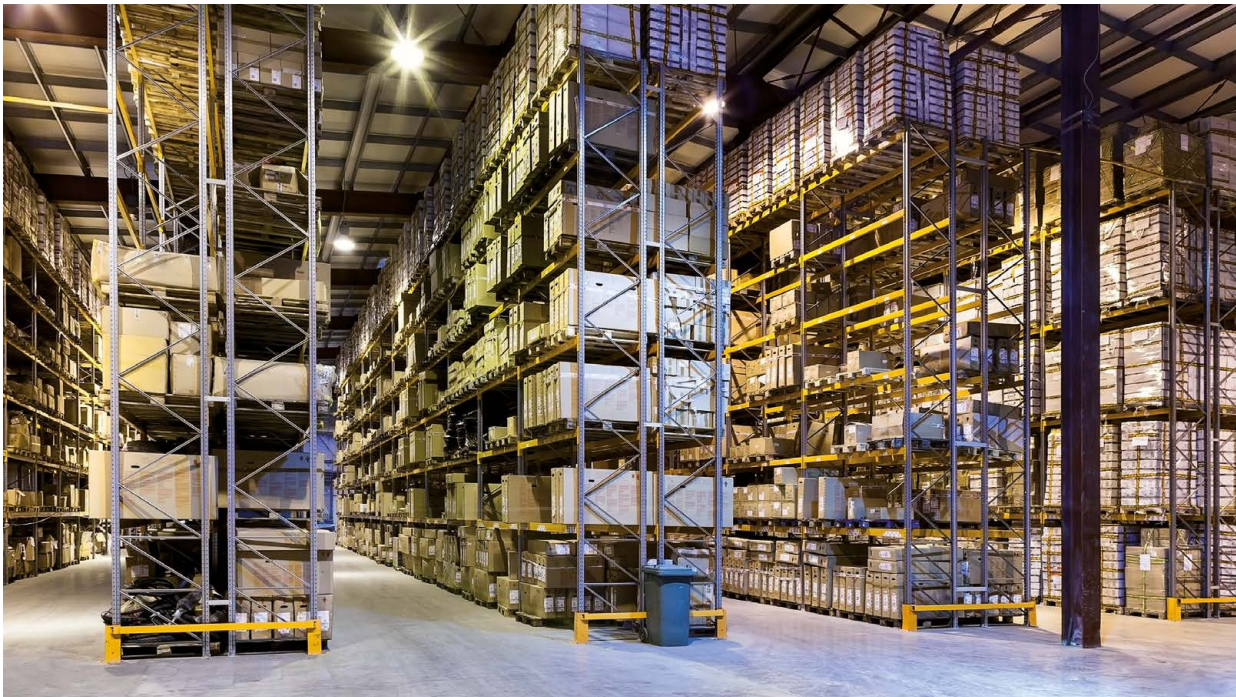


Al-Amer Electrical, Kuwait – PIC office project
ESTRELLA Series, FLAT PANELS Series



LANCASTER Paris, France – Company head office
SLR Series





TANGRA Series

The TANGRA series are new generation industrial luminaires specially designed as an efficient substitute to traditional high power lighting fixtures with great variety of applications not only in the industrial lighting. The luminaire is produced in two modifications - UHE, 160 lm/W and Premium, 130 lm/W. TANGRA series is fully dimmable which guarantees additional electricity savings. Suitable for replacing the powerful metal halide, sodium and other conventional lighting. The high grade of protection IP66 and IK10 and special design allows TANGRA2 series to be used in harsh conditions

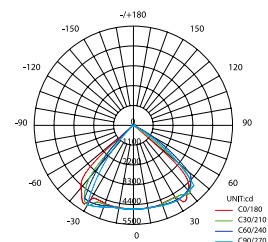
and applications including as outdoor projectors and for architectural and street lighting. The series is available with various types of optics and light distribution patterns.

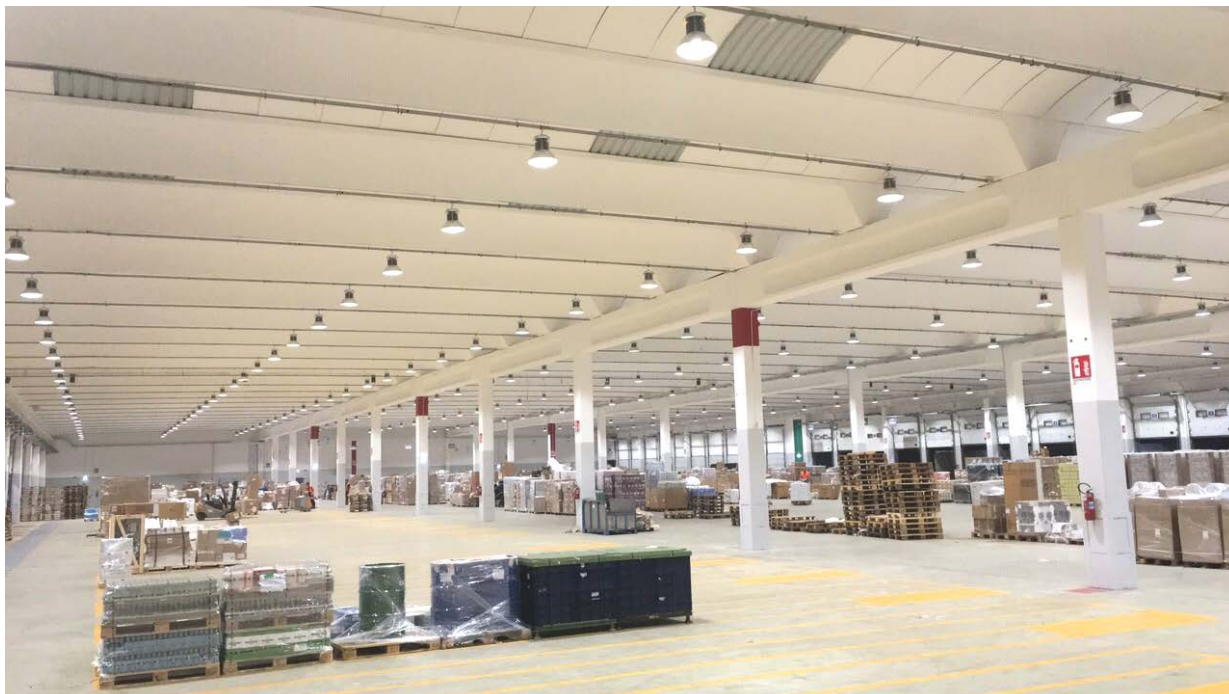
Applications

Industrial areas, workshops, warehouses both covered and open space. Excellent for harsh industrial environment. Sports halls and centers. Excellent for projectors including outdoor application and area lighting.

	Product type	Product code*	Diameter / Height	Nominal Voltage	Nominal Wattage	Luminous flux			CRI	Nominal lifespan
						CW	NW	WW		
UHE	TANGRA 2 UHE 80W IP65	TRA2UHE080Y7XX	210/239 mm	230V AC	80W	12 800 lm	12 800 lm	12 160 lm	70 / 80	50 000 h
	TANGRA 2 UHE 120W IP65	TRA2UHE120Y7XX	210/239 mm	230V AC	120W	19 200 lm	19 200 lm	18 240 lm	70 / 80	50 000 h
	TANGRA 2 UHE 160W IP65	TRA2UHE160Y7XX	210/239 mm	230V AC	160W	25 600 lm	25 600 lm	24 320 lm	70 / 80	50 000 h
Premium	TANGRA 2 PRE 80W IP65	TRA2PRE080Y7XX	210/239 mm	230V AC	80W	10 400 lm	10 400 lm	9 880 lm	70 / 80	50 000 h
	TANGRA 2 PRE 120W IP65	TRA2PRE120Y7XX	210/239 mm	230V AC	120W	15 600 lm	15 600 lm	14 820 lm	70 / 80	50 000 h
	TANGRA 2 PRE 160W IP65	TRA2PRE160Y7XX	210/239 mm	230V AC	160W	20 800 lm	20 800 lm	19 760 lm	70 / 80	50 000 h

* XXX - CRI and CCT, i.e. 840 means CRI > 80, CCT 4000K; Y-optics type





TANGRA 2RP UHE Series

Following the success of the company first high bay series, the new model TANGRA 2RP sets new dimensions for efficiency while improving the total cost of ownership. The series efficiency is up to 160 lm/W. This extremely reliable, high-illuminance and low glare high bay fixture can be provided with different distribution patterns for various industrial lighting applications. The TANGRA 2RP series can

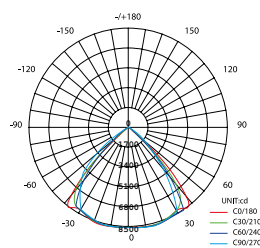
be equipped also with all major type of lighting control systems like DALI, ZigBee LightLink, WiFi allowing remote control of operation.

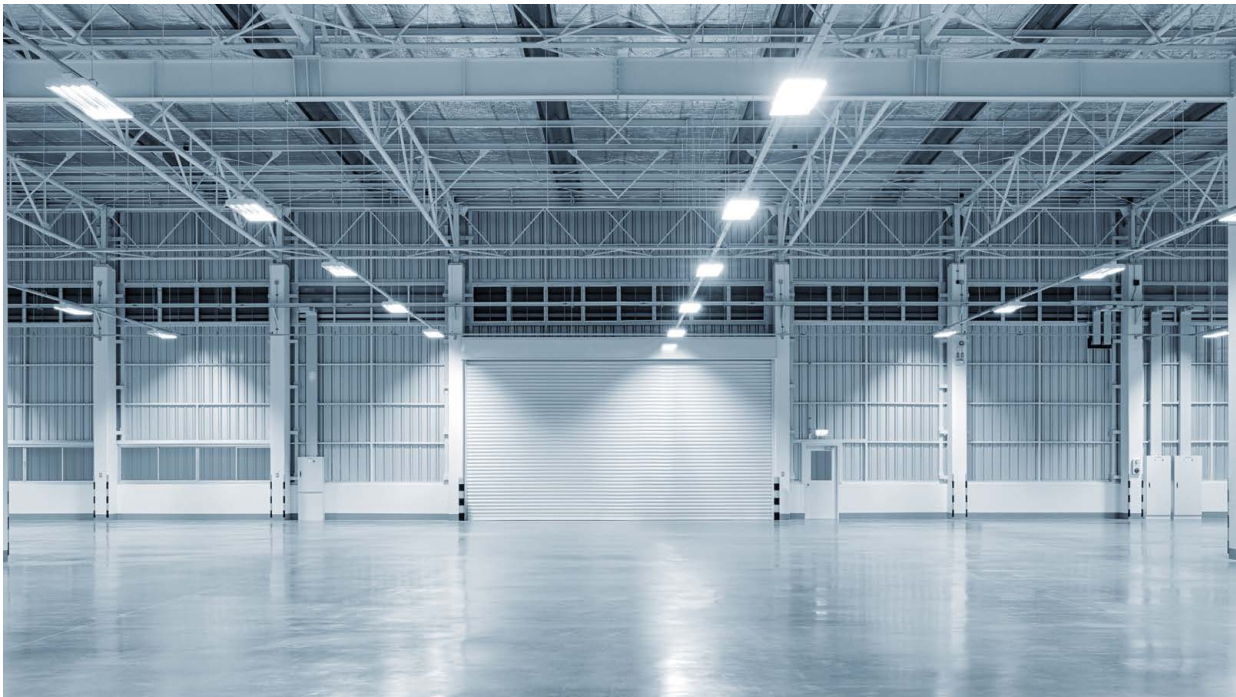
Applications

Industrial areas, workshops, warehouses, logistic centers, sport halls. Excellent for harsh industrial environment and factories with continuous machine run.

Product type	Product code*	Diameter / Height	Nominal Voltage	Nominal Wattage	Luminous flux			CRI	Nominal lifespan
					CW	NW	WW		
TANGRA 2RP 40 W IP65	TRA2RP0407XX	500/430 mm	230V AC	40 W	6 400 lm	6 400 lm	6 100 lm	70	50 000 h
TANGRA 2RP 60 W IP65	TRA2RP0607XX	500/430 mm	230V AC	60 W	9 600 lm	9 600 lm	9 100 lm	70	50 000 h
TANGRA 2RP 90 W IP65	TRA2RP0907XX	500/430 mm	230V AC	90 W	14 400 lm	14 400 lm	13 700 lm	70	50 000 h
TANGRA 2RP 120 W IP65	TRA2RP1207XX	500/430 mm	230V AC	120 W	19 200 lm	19 200 lm	18 240 lm	70	50 000 h
TANGRA 2RP 150 W IP65	TRA2RP1507XX	500/430 mm	230V AC	150 W	24 000 lm	24 000 lm	22 800 lm	70	50 000 h

* 7XX-CRI and CCT, i.e. 740 means CRI > 70, CCT 4000K





DCR Series

The DCR Premium Series is specially designed to create powerful illumination at a long range in commercial, industrial and warehouses areas with high ceilings. The luminaire is available in different sizes and dimensions, as the most powerful model is 320W and delivers over 41 000 lm. Thanks to the latest generation of imple-

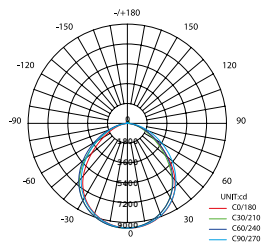
mented LED light sources and low profile design, the DCR provides high output efficiency at excellent glare control.

Applications

Large commercial stores, industrial areas, workshops, warehouses, logistic centers.

Product type	Product code*	Dimensions	Nominal Voltage	Nominal Wattage	Luminous flux			CRI	Nominal lifespan
					CW	NW	WW		
DCR Premium 95W 2ft	DCRPRE20958XX	600 mm	230V AC	95 W	12 350 lm	12 350 lm	11 700 lm	80	50 000 h
DCR Premium 125W 2ft	DCRPRE21258XX	600 mm	230V AC	125 W	16 250 lm	16 250 lm	15 430 lm	80	50 000 h
DCR Premium 160W 2ft	DCRPRE21608XX	600 mm	230V AC	160 W	20 800 lm	20 800 lm	19 760 lm	80	50 000 h
DCR Premium 160W 4ft	DCRPRE41608XX	1200 mm	230V AC	160 W	20 800 lm	20 800 lm	19 760 lm	80	50 000 h
DCR Premium 225W 4ft	DCRPRE42258XX	1200 mm	230V AC	225 W	29 250 lm	29 250 lm	27 780 lm	80	50 000 h
DCR Premium 320W 4ft	DCRPRE43208XX	1200 mm	230V AC	320W	41 600 lm	41 600 lm	39 500 lm	80	50 000 h

* 8XX-CRI and CCT, i.e. 840 means CRI>80, CCT 4000K





HSL Series

The HSL is an ultra-high efficient luminaire with many lighting applications. The major application of HSL is as an industrial luminaire in some highly demanding production processes in metallurgy, metal processing, chemical industry. Thanks to its unique design and high IP and IK grade, it can be used as suspended street lumi-

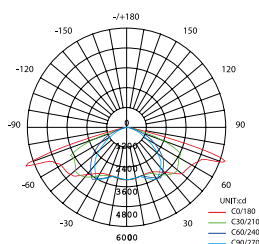
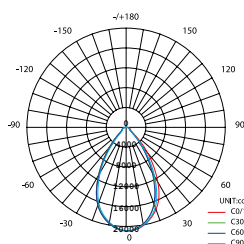
naire. The luminaire can be equipped with DALI or wireless control drivers.

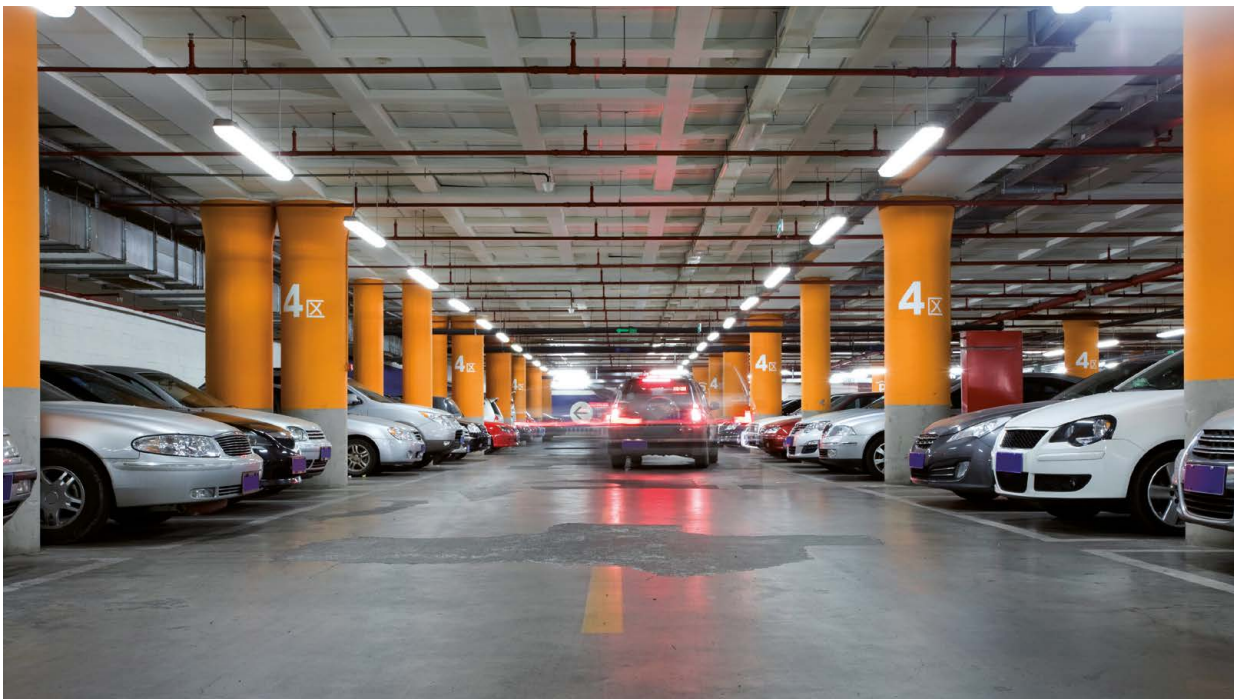
Applications

Industrial, street lighting applications.

Product type	Product code*	Diameter / Height	Nominal Voltage	Nominal Wattage	Luminous flux			CRI	Nominal lifespan
					CW	NW	WW		
HSL UHE 50 W	HSLUHE050Y7XX	520/251 mm	230V AC	50 W	8 500 lm	8 500 lm	8 100 lm	70	70 000 h
HSL UHE 70 W	HSLUHE070Y7XX	520/251 mm	230V AC	70 W	11 900 lm	11 900 lm	11 300 lm	70	70 000 h
HSL UHE 100 W	HSLUHE100Y7XX	520/251 mm	230V AC	100 W	17 000 lm	17 000 lm	16 100 lm	70	70 000 h
HSL UHE 130 W	HSLUHE130Y7XX	520/251 mm	230V AC	130 W	22 100 lm	22 100 lm	20 900 lm	70	70 000 h

7XX-CRI and CCT, i.e. 740 means CRI>70, CCT 4000K





PROFFIT Series

The PROFFIT series is cost-efficient solution for linear industrial luminaire suitable for great number of applications requiring protection class IP 65. The lighting fixture is with simple robust design and excellent thermal management providing very high level of reliability. Easy to be installed with minimum cost for maintenance. The luminaire can be optionally offered with GRP

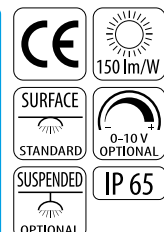
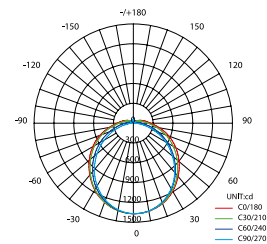
(glass-reinforced plastics) front cover. The series is produced in many modifications of which the most efficient one is: Premium with 150 lm/W.

Applications

Industrial areas, workshops, warehouses. Suitable for food processing industry factories. Corridors, parking lots, garages, facility areas.

	Product type	Product code*	Dimensions	Nominal Voltage	Nominal Wattage	Luminous flux			CRI	Nominal lifespan
						CW	NW	WW		
Excellence	PROFFIT Excellence 20W IP65	PRF2EXC20208XX	600 mm	230V AC	20 W	2 400 lm	2 400 lm	2 280 lm	80	50 000 h
	PROFFIT Excellence 36W IP65	PRF2EXC40368XX	1200 mm	230V AC	36 W	4 320 lm	4 320 lm	4 100 lm	80	50 000 h
	PROFFIT Excellence 47W IP65	PRF2EXC60478XX	1500 mm	230V AC	47 W	5 640 lm	5 640 lm	5 350 lm	80	50 000 h
Premium	PROFFIT Premium 20W IP65	PRF2PRE20208XX	600 mm	230V AC	20 W	3 000 lm	3 000 lm	2 850 lm	80	50 000 h
	PROFFIT Premium 36W IP65	PRF2PRE40368XX	1200 mm	230V AC	36 W	5 400 lm	5 400 lm	5 130 lm	80	50 000 h
	PROFFIT Premium 47W IP65	PRF2PRE50478XX	1500 mm	230V AC	47 W	7 050 lm	7 050 lm	6 700 lm	80	50 000 h

* XXX - CRI and CCT, i.e. 840 means CRI > 80, CCT 4000K



REFERENCE PROJECTS



E. Mirogljo textile factories, Pirot, Serbia
Proffit Premium Series



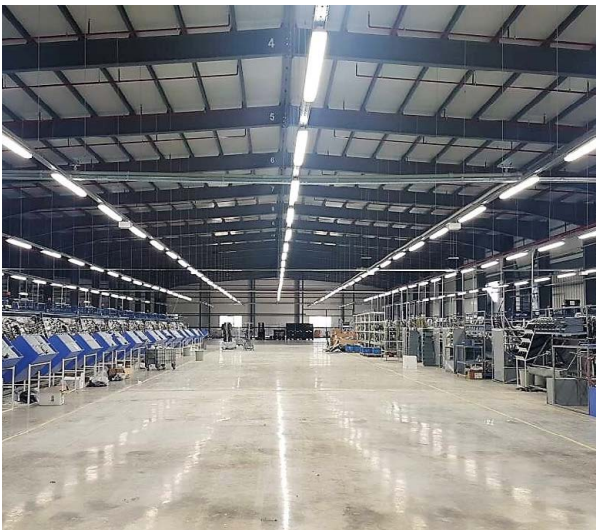
SENSATA Technologies, Bulgaria
OLOT Series customized solutions for clean rooms



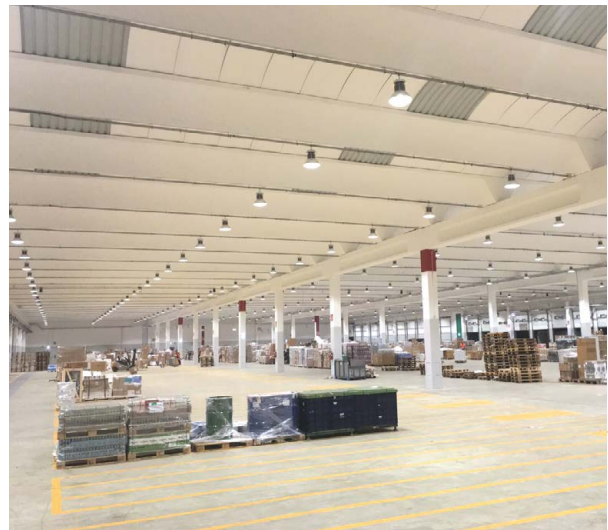
E. Mirogljo textile factories, Bulgaria
Proffit Premium Series



Bultex 99, Plovdiv, Bulgaria
Tangra Ultra High Efficiency Series



Nursan Otomotiv, Bulgaria
Proffit Premium Series, Tangra Ultra High Efficiency Series



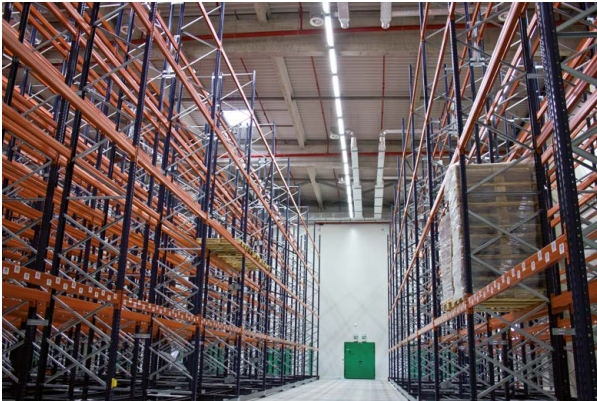
Fercam S.p.A., Italy
Tangra Ultra High Efficiency Series with ZigBee Lightlink protocol



Hamberger Bulgaria – New production facility
TANGRA 2 Series



IMI, electronics, Bulgaria
OLOT Series, PROFFIT Series



SOPHARMA, Bulgaria
PROFFIT Series



KCM, Bulgaria – metals production
TANGRA 2 Series



Carlsberg Bulgaria – brewery workshop
PROFFIT Series



VIMI Fastners, Italy – rubbers production workshop
PROFFIT Series



PETROL AD, Bulgaria – Complete LED lighting solution
CANOPY Series, VICTORY Series, etc.



Biomet, Bulgaria – Central warehouse
TANGRA 2 Series



MEGA Series

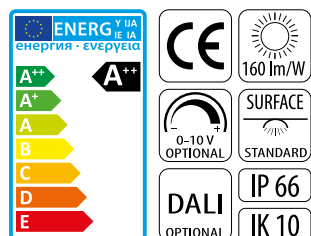
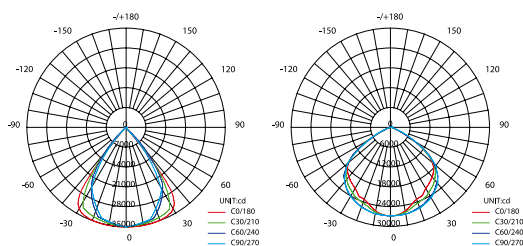
The MEGA series is a specially designed as a LED substitute of conventional mercury-vapor, metal halide and sodium lamps for sports facilities. The fixture is offered in variety of light distributions for different mounting heights and applications. Flexible mounting options and easy installations, suitable for both interior and exterior environments.

Applications

Festival centers and halls
Stadiums, indoor and outdoor sports facilities, training fields
Large industrial workshops and warehouses.

	Product type	Product code*	Light Sources	Nominal Voltage	Nominal Wattage	Luminous flux			CRI	Nominal lifespan
						CW	NW	WW		
UHE	MEGA UHE 240W	MEGUHE240Y7XX	COB	230V AC	240 W	31 200 lm	31 200 lm	29 600 lm	70 / 80	50 000 h
	MEGA UHE 320W	MEGUHE320Y7XX	COB	230V AC	320 W	51 200 lm	51 200 lm	48 640 lm	70 / 80	50 000 h
	MEGA UHE 360W	MEGUHE360Y7XX	COB	230V AC	360 W	46 800 lm	46 800 lm	44 400 lm	70 / 80	50 000 h
	MEGA UHE 480W	MEGUHE480Y7XX	COB	230V AC	480 W	76 800 lm	76 800 lm	72 960 lm	70 / 80	50 000 h
	MEGA UHE 640W	MEGUHE640Y7XX	COB	230V AC	640 W	102 400 lm	102 400 lm	97 280 lm	70 / 80	50 000 h
	MEGA UHE 800W	MEGUHE800Y7XX	COB	230V AC	800 W	128 000 lm	121 600 lm	98 800 lm	70 / 80	50 000 h
Premium	MEGA Premium 240W	MEGPRE240Y7XX	COB	230V AC	240 W	38 400 lm	38 400 lm	36 500 lm	70 / 80	50 000 h
	MEGA Premium 320W	MEGPRE320Y7XX	COB	230V AC	320 W	41 600 lm	41 600 lm	36 800 lm	70 / 80	50 000 h
	MEGA Premium 360W	MEGPRE360Y7XX	COB	230V AC	360 W	57 600 lm	57 600 lm	54 700 lm	70 / 80	50 000 h
	MEGA Premium 480W	MEGPRE480Y7XX	COB	230V AC	480 W	62 400 lm	62 400 lm	55 200 lm	70 / 80	50 000 h
	MEGA Premium 640W	MEGPRE640Y7XX	COB	230V AC	640 W	83 200 lm	83 200 lm	75 000 lm	70 / 80	50 000 h
	MEGA Premium 800W	MEGPRE800Y7XX	COB	230V AC	800 W	104 000 lm	104 000 lm	98 800 lm	70 / 80	50 000 h

* XXX - CRI and CCT, i.e. 840 means CRI > 80, CCT 4000K; Y-optics type





ORION Series

Orion is an ultra-high efficient floodlight luminaire suitable for tunnels and different kinds of industrial areas. The robust construction of the luminaire, the wide variety of optics and maintenance-free costs makes it an ideal solution for a wide range of tunnel applications – town and motorway tunnels, underpasses. The luminaire is available in two modifications – UHE, 170 lm/W and

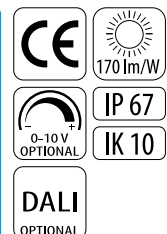
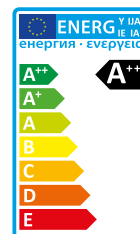
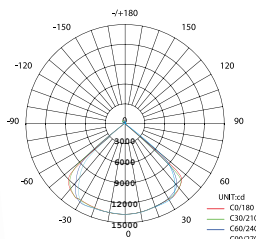
Premium, 130 lm/W. The high grade of protection (IP67 and IK10) makes it preferable choice for harsh industrial environment.

Applications

Town and motorway tunnels, underpasses, industrial areas like large halls, workshops, warehouses both covered and open space. Suitable for harsh industrial environment.

	Product type	Product code*	Type of Optics	Nominal Voltage	Nominal Wattage	Luminous flux			CRI	Nominal lifespan
						CW	NW	WW		
ORION UHE	ORION UHE 50 W IP67	ORNUHE050F7XX	A, B, C, D	230V AC	50 W	8 500 lm	8 500 lm	8 000 lm	70 / 80	70 000 h
	ORION UHE 60 W IP67	ORNUHE060F7XX	A, B, C, D	230V AC	60 W	10 200 lm	10 200 lm	9 700 lm	70 / 80	70 000 h
	ORION UHE 100 W IP67	ORNUHE100F7XX	A, B, C, D	230V AC	100 W	17 000 lm	17 000 lm	16 000 lm	70 / 80	70 000 h
	ORION UHE 120 W IP67	ORNUHE120F7XX	A, B, C, D	230V AC	120 W	20 400 lm	20 400 lm	19 350 lm	70 / 80	70 000 h
	ORION UHE 150 W IP67	ORNUHE150F7XX	A, B, C, D	230V AC	150 W	25 500 lm	25 500 lm	24 250 lm	70 / 80	70 000 h
	ORION UHE 180 W IP67	ORNUHE180F7XX	A, B, C, D	230V AC	180 W	30 600 lm	30 600 lm	29 100 lm	70 / 80	70 000 h
	ORION UHE 200 W IP67	ORNUHE200F7XX	A, B, C, D	230V AC	200 W	34 000 lm	34 000 lm	32 300 lm	70 / 80	70 000 h
	ORION UHE 240 W IP67	ORNUHE240F7XX	A, B, C, D	230V AC	240 W	40 800 lm	40 800 lm	38 750 lm	70 / 80	70 000 h
ORION Advance	ORION Advance 50 W IP67	ORNADV050F7XX	A, B, C, D	230V AC	50 W	6 500 lm	6 500 lm	6 170 lm	70 / 80	70 000 h
	ORION Advance 60 W IP67	ORNADV060F7XX	A, B, C, D	230V AC	60 W	7 800 lm	7 800 lm	7 400 lm	70 / 80	70 000 h
	ORION Advance 100 W IP67	ORNADV100F7XX	A, B, C, D	230V AC	100 W	13 000 lm	13 000 lm	12 350 lm	70 / 80	70 000 h
	ORION Advance 120 W IP67	ORNADV120F7XX	A, B, C, D	230V AC	120 W	15 600 lm	15 600 lm	14 800 lm	70 / 80	70 000 h
	ORION Advance 150 W IP67	ORNADV150F7XX	A, B, C, D	230V AC	150 W	18 000 lm	18 000 lm	17 100 lm	70 / 80	70 000 h
	ORION Advance 180 W IP67	ORNADV180F7XX	A, B, C, D	230V AC	180 W	21 600 lm	21 600 lm	20 500 lm	70 / 80	70 000 h
	ORION Advance 200 W IP67	ORNADV200F7XX	A, B, C, D	230V AC	200 W	26 000 lm	26 000 lm	24 700 lm	70 / 80	70 000 h
	ORION Advance 240 W IP67	ORNADV240F7XX	A, B, C, D	230V AC	240 W	31 200 lm	31 200 lm	29 650 lm	70 / 80	70 000 h

*8XX-CRI and CCT, i.e. 840 means CRI>80, CCT 4000K



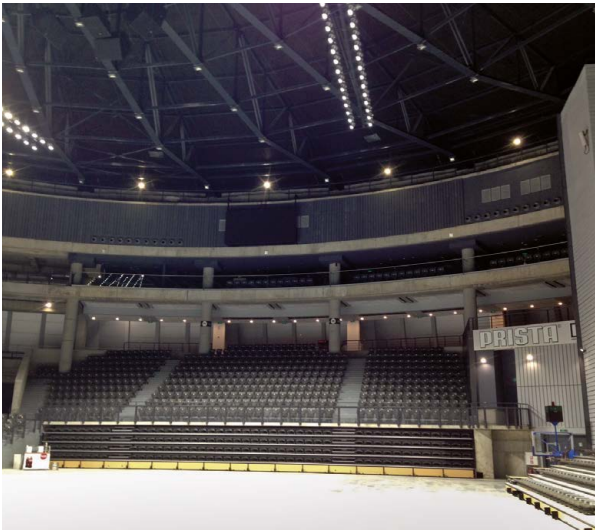
REFERENCE PROJECTS



Garanti Koza Tennis Complex, Istanbul, Turkey – Central arena
MEGA Series



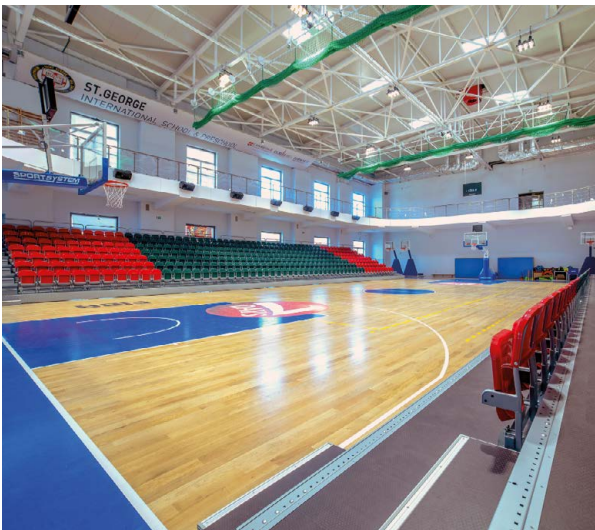
Garanti Koza Tennis Complex, Istanbul, Turkey – Training outdoor
and indoor courts, MEGA Series



BULSTRAD Arena, Ruse, Bulgaria
TANGRA 2 Series with Intelli control system



Garanti Koza Tennis Complex, Istanbul, Turkey – Training indoor
courts, MEGA Series



Private School St. George, Sofia, Bulgaria
MEGA Ultra High Efficiency Series



Sports Hall Celeste, France
TANGRA Series



EXTREME UHE Series

Efficiency up to 170 lm/W

EXTREME UHE is a new generation of ultra-high efficient LED street luminaire with standard efficiency of 170 lm/W. The fixture is available in a wide variety of power options and various street lighting distributions which makes it suitable for every street and road classes.

EXTREME series offers exceptional options for control, self-control and monitoring of environment conditions. All fixtures optionally can come with: Integrated wireless lighting control system, light

dimming, moonlight option (self-dimming), programmed pre-defined lighting profiles on 365-day basis, etc.

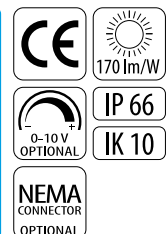
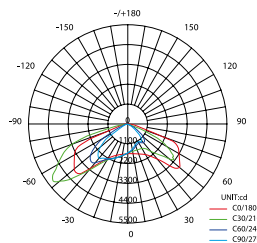
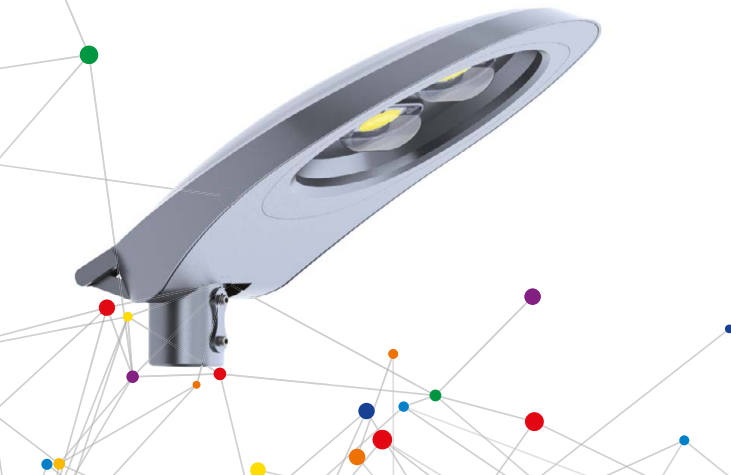
Applications

Highways, all classes of streets and roads including ME1 to ME6. Ideal for replacement of sodium, mercury and all other conventional street lighting fixtures.

Excellent for street lighting clusters, controlled by a centralized management system using a wireless connection.

	Product type	Product code* **	Light Sources	Nominal Voltage	Nominal Wattage	Luminous flux			CRI	Nominal lifespan
						CW	NW	WW		
UHE	EXTREME UHE 30 W	XTRUHE030F7XX	COB	230V AC	30 W	5 100 lm	5 100 lm	4 850 lm	70	70 000 h
	EXTREME UHE 50 W	XTRUHE050F7XX	COB	230V AC	50 W	8 500 lm	8 500 lm	8 080 lm	70	70 000 h
	EXTREME UHE 80 W	XTRUHE080F7XX	COB	230V AC	80 W	13 600 lm	13 600 lm	12 920 lm	70	70 000 h
	EXTREME UHE 100 W	XTRUHE100F7XX	COB	230V AC	100 W	17 000 lm	17 000 lm	16 150 lm	70	70 000 h
	EXTREME UHE 120 W	XTRUHE120F7XX	COB	230V AC	120 W	20 400 lm	20 400 lm	19 380 lm	70	70 000 h
DC UHE	EXTREME DC UHE 30 W	XTRUDC030F7XX	COB	9-56V DC	30 W	5 100 lm	5 100 lm	4 850 lm	70	70 000 h
	EXTREME DC UHE 50 W	XTRUDC050F7XX	COB	9-56V DC	50 W	8 500 lm	8 500 lm	8 080 lm	70	70 000 h
	EXTREME DC UHE 80 W	XTRUDC080F7XX	COB	9-56V DC	80 W	13 600 lm	13 600 lm	12 920 lm	70	70 000 h
	EXTREME DC UHE 100 W	XTRUDC100F7XX	COB	9-56V DC	100 W	17 000 lm	17 000 lm	16 150 lm	70	70 000 h
	EXTREME DC UHE 120 W	XTRUDC120F7XX	COB	9-56V DC	120 W	20 400 lm	20 400 lm	19 380 lm	70	70 000 h

* XXX - CRI and CCT, i.e. 740 means CRI > 70, CCT 4000K; ** F - Type of optics





EXTREME Advance Series

Efficiency up to 130 lm/W

EXTREME series is a new generation of highly efficient LED street luminaire with standard efficiency of 130 lm/W. The fixture is available in a wide variety of power options and various street lighting distributions which makes it suitable for every street and road classes.

EXTREME series offers exceptional options for control, self-control and monitoring of environmental conditions. All fixtures optionally can come with: Integrated wireless lighting control system, light

dimming, moonlight option (self-dimming), programmed pre-defined lighting patterns on 365-day basis, etc.

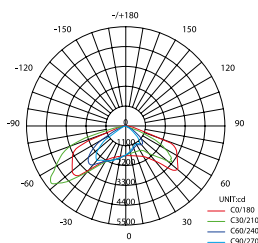
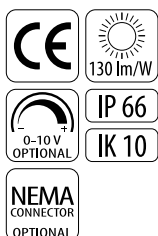
Applications

Highways, all classes of streets and roads including ME1 to ME6. Ideal for replacement of sodium, mercury and all other conventional street lighting fixtures.

Excellent for street lighting clusters, controlled by a centralized management system using a wireless connection.

Product type	Product code* **	Light Sources	Nominal Voltage	Nominal Wattage	Luminous flux			CRI	Nominal lifespan
					CW	NW	WW		
EXTREME Advance 30 W	XTRADV030F7XX	COB	230V AC	30 W	3 900 lm	3 900 lm	3 700 lm	70	70 000 h
EXTREME Advance 50 W	XTRADV050F7XX	COB	230V AC	50 W	6 500 lm	6 500 lm	6 180 lm	70	70 000 h
EXTREME Advance 80 W	XTRADV080F7XX	COB	230V AC	80 W	10 400 lm	10 400 lm	9 880 lm	70	70 000 h
EXTREME Advance 100 W	XTRADV100F7XX	COB	230V AC	100 W	13 000 lm	13 000 lm	12 350 lm	70	70 000 h
EXTREME Advance 120 W	XTRADV120F7XX	COB	230V AC	120 W	15 600 lm	15 600 lm	14 800 lm	70	70 000 h

* XXX - CRI and CCT, i.e. 740 means CRI > 70, CCT 4000K; ** F - Type of optics





EXTREME FLAT UHE Series

EXTREME FLAT Series is an excellent cost-efficient street lighting solution with standard efficiency of 150 lm/W. The fixture is available in wide variety of power options and various street lighting distributions which makes it preferred choice for every street and road classes. The integrated heat sink in the housing strongly reduces the pollution of dust which results in better cooling of the system and further improves energy efficiency. When equipped with Octa Light Intellilamp Node via NEMA 7 connector, EXTREME

Flat series enable clients to build and control large and efficient street lighting networks.

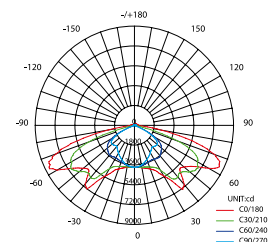
Applications

Highways, all classes of streets and roads including ME1 to ME6. Ideal for replacement of sodium, mercury and all other conventional street lighting fixtures.

Excellent for street lighting clusters, controlled by a centralized management system using a wireless connection.

Product type	Product code* **	Light Sources	Nominal Voltage	Nominal Wattage	Luminous flux			CRI	Nominal lifespan
					CW	NW	WW		
EXTREME FLAT UHE 20W	EXTRFUHE0207XX	COB	230V AC	20W	3 000 lm	3 000 lm	2 850 lm	70	70 000 h
EXTREME FLAT UHE 40W	EXTRFUHE0407XX	COB	230V AC	40W	6 000 lm	6 000 lm	5 700 lm	70	70 000 h
EXTREME FLAT UHE 60W	EXTRFUHE0607XX	COB	230V AC	60W	9 000 lm	9 000 lm	8 550 lm	70	70 000 h
EXTREME FLAT UHE 80W	EXTRFUHE0807XX	COB	230V AC	80W	12 000 lm	12 000 lm	11 400 lm	70	70 000 h
EXTREME FLAT UHE 100W	EXTRFUHE1007XX	COB	230V AC	100W	15 000 lm	15 000 lm	14 250 lm	70	70 000 h
EXTREME FLAT UHE 120W	EXTRFUHE1207XX	COB	230V AC	120W	18 000 lm	18 000 lm	17 100 lm	70	70 000 h
EXTREME FLAT UHE 150W	EXTRFUHE1507XX	COB	230V AC	150W	22 500 lm	22 500 lm	21 350 lm	70	70 000 h
EXTREME FLAT UHE 200W	EXTRFUHE2007XX	COB	230V AC	200W	33 000 lm	33 000 lm	28 500 lm	70	70 000 h
EXTREME FLAT UHE 240W	EXTRFUHE2407XX	COB	230V AC	240W	36 000 lm	36 000 lm <td 34 200 lm	70	70 000 h	

* 7XX-CRI and CCT, i.e. 740 means CRI>70, CCT 4000K





RGL

RGL is a modern version of the classical lantern shape luminaires. It has stylish look and fits well in both modern urban and architectural areas where vintage and classic elements are required. One of the main advantages of the new RGL luminaire is its exceptional strength and impact resistance. It meets the requirements of pro-

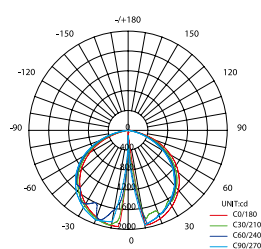
tection classes IK8 and IP65. The luminaire does not have the typical glass or polycarbonate housing elements of the park lanterns, which makes it extremely robust.

Applications

Parks, pedestrian areas. Area lighting of city centers and living areas.

Product type	Product code** **	Light Sources	Nominal Voltage	Nominal Wattage	Luminous flux			CRI	Nominal lifespan
					CW	NW	WW		
RGL HBR BASIC 20W	RGLBSC020F7XX	COB	230V AC	20 W	2 300 lm	2 300 lm	2 100 lm	70	70 000 h
RGL HBR BASIC 30W	RGLBSC030F7XX	COB	230V AC	30 W	3 450 lm	3 450 lm	3 300 lm	70	70 000 h
RGL HBR BASIC 50W	RGLBSC050F7XX	COB	230V AC	50 W	5 750 lm	5 750 lm	5 500 lm	70	70 000 h
RGL HBR BASIC 70W	RGLBSC070F7XX	COB	230V AC	70 W	7 900 lm	7 900 lm	7 700 lm	70	70 000 h

* XXX - CRI and CCT, i.e. 740 means CRI > 70, CCT 4000K; ** Y - Type of optics



REFERENCE PROJECTS

STREET



Eidsvoll Municipality, Norway – Street LED lighting EXTREME Advance LED Series



Smart Street Lighting in Alsace, France
Extreme Ultra High Efficiency Series



Tbilisi Municipality, Georgia – Street LED lighting
EXTREME UHE Series



Elin Pelin, Sofia District- Smart Street Lighting
EXTREME FLAT UHE Series



ETRALUX Bulgaria – Street LED lighting in Sofia
EXTREME Series, VICTORY Series, RGL Series



ETRALUX Bulgaria – Street LED lighting in Sofia
EXTREME Series, VICTORY Series, RGL Series



PR

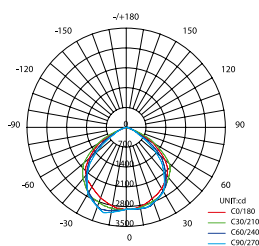
PR series are powerful LED projectors widely used in exterior architectural lighting. They present an extremely efficient solution for large area illumination. Can be implemented with a different color temperature of white light, with a selected color or with RGB. They could be equipped by a wireless DMX system for colors control. PR series is provided with IP 65 protection degree.

Applications

Architectural lighting of buildings, historic and cultural sites, monuments, parks.

Product type	Product code* **	Dimensions	Nominal Voltage	Nominal Wattage	Luminous flux			CRI	Nominal lifespan
					CW	NW	WW		
PR 30	PR0307XX	178 x 215 mm	230V AC	30 W	3 000 lm	3 000 lm	2 850 lm	70	50 000 h
PR 50	PR0507XX	194 x 253 mm	230V AC	50 W	5 000 lm	5 000 lm	4 750 lm	70	50 000 h
PR 100	PR1007XX	250 x 341 mm	230V AC	100 W	10 000 lm	10 000 lm	9 500 lm	70	50 000 h
PR 150	PR1507XX	310 x 375 mm	230V AC	150 W	15 000 lm	15 000 lm	14 250 lm	70	50 000 h
PR 200	PR2007XX	340 x 395 mm	230V AC	200 W	20 000 lm	20 000 lm	19 000 lm	70	50 000 h

* XXX - CRI and CCT, i.e. 740 means CRI > 70, CCT 4000K

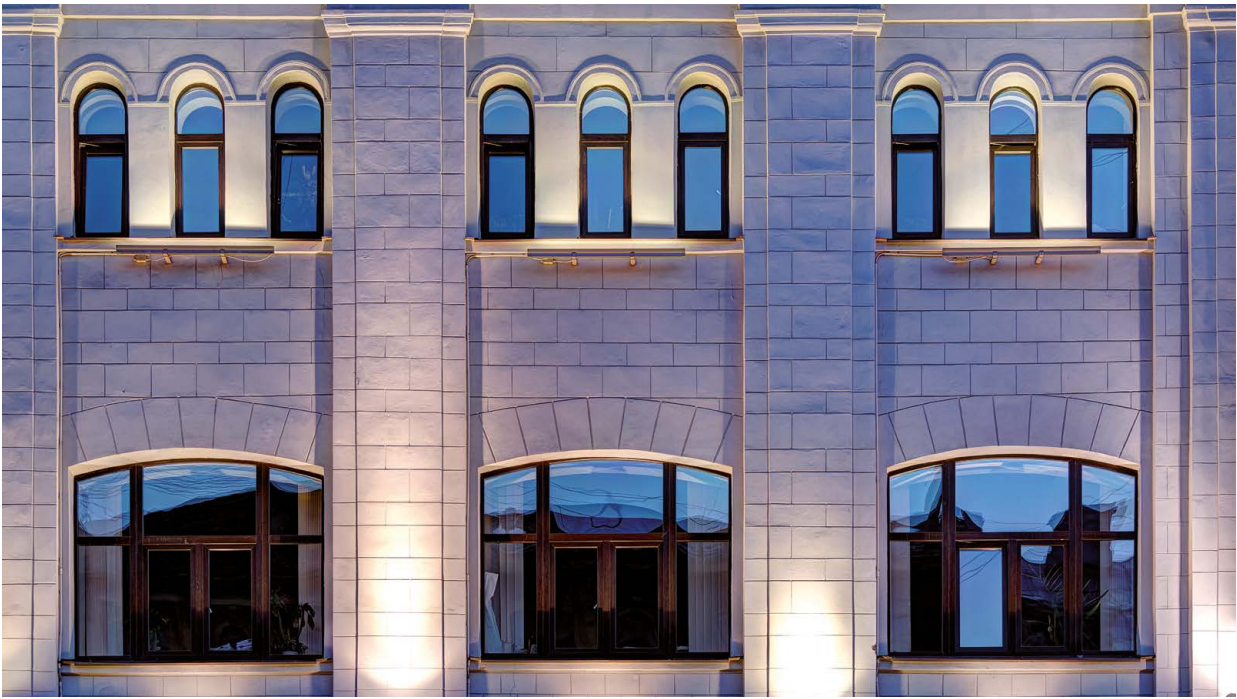


DMX
OPTIONAL

IP 65

IK 8





WALL WASHER WWL

Octa Light WWL and WWL RGB linear series is a highly efficient outdoor luminaire for decorative lighting that can create spectacular illumination to any façade or architectural element. It can be fully programmable according to client specifications via DMX control system. The luminaire is available also in a RGBW version.

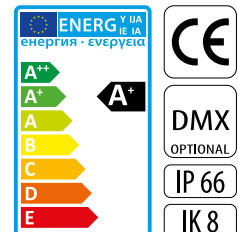
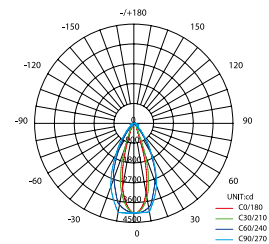
Applications

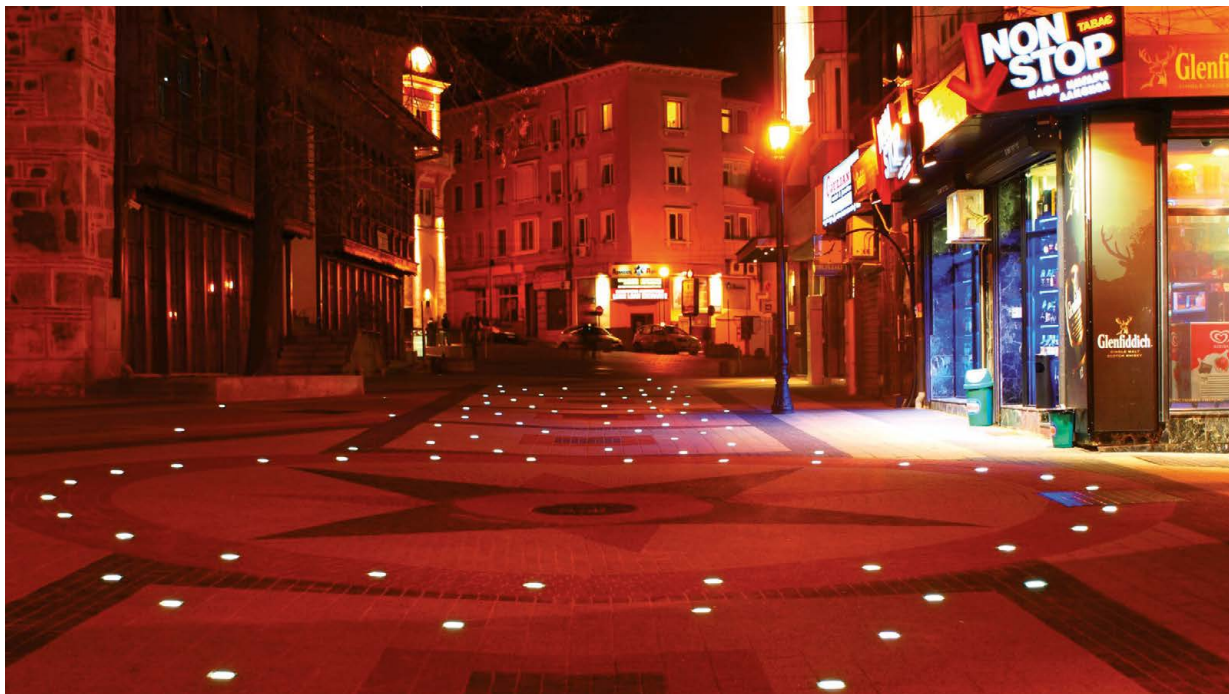
Architectural lighting of buildings, plazas, historic and cultural sites, monuments, parks.

Product type	Product code*	Length	Nominal Voltage	Nominal Wattage	Luminous flux			CRI	Nominal lifespan
					CW	NW	WW		
WWL 45W	WWL10000457XX	1000 mm	230V AC	45 W	4 500 lm	4 500 lm	4 250 lm	70	50 000 h
WWL 60W	WWL12000607XX	1200 mm	230V AC	60 W	6 000 lm	6 000 lm	5 700lm	70	50 000 h

* XXX - CRI and CCT, i.e. 740 means CRI > 70, CCT 4000K

Product type	Product code	Length	Nominal Voltage	Nominal Wattage	CRI	Nominal lifespan
WWL RGB 45W	WWL1000045RGB	1000 mm	230V AC	45 W	70	50 000 h
WWL RGB 60W	WWL1200060RGB	1200 mm	230V AC	60 W	70	50 000 h





LED PAVEMENT STONE

Illuminating paving stones are a glamorous detail in your exterior design. The product is undoubtedly most attractive one when it comes to creating a night light effect your environment.

The product is called an „illuminating paving stone“ because it resembles, in shape and size, the traditional concrete and granite pavement. In the day time, illuminating paving stones are indiscernible within the pattern of the pavement, creating a uniform

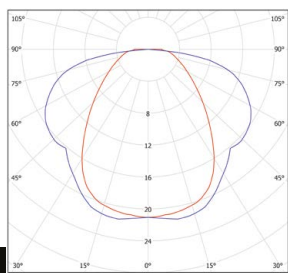
surface. Illuminating paving stones are manufactured in six colours: white, blue, green, red, yellow and pink. RGB model is available.

Applications

Can be used to outline pathways, staircases, marking of parking places. Decoration of plazas, alleys, are particularly suitable for garden and park lighting.

Lighting and decoration of swimming pools, fountains, water areas.

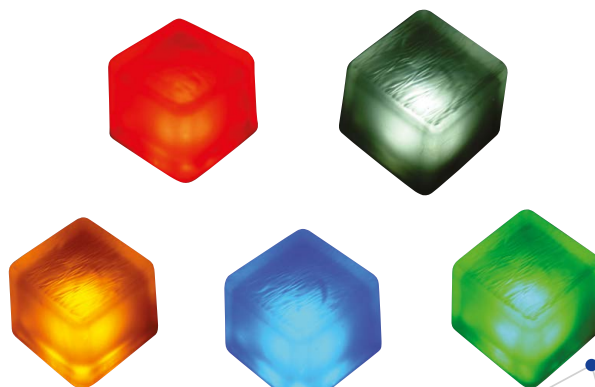
Product type	Dimensions	Nominal Voltage	Nominal Wattage	Nominal lifespan
OCTALED CUBE WHITE	73 x 63 x 63 mm	5V-24V DC	1.5 W	50 000 h
OCTALED CUBE YELLOW	73 x 63 x 63 mm	5V-24V DC	1.5 W	50 000 h
OCTALED CUBE BLUE	73 x 63 x 63 mm	5V-24V DC	1.5 W	50 000 h
OCTALED CUBE GREEN	73 x 63 x 63 mm	5V-24V DC	1.5 W	50 000 h
OCTALED CUBE RED	73 x 63 x 63 mm	5V-24V DC	1.0 W	50 000 h
OCTALED CUBE PINK	73 x 63 x 63 mm	5V-24V DC	1.5 W	50 000 h
OCTALED CUBE RGB	73 x 63 x 63 mm	5V-24V DC	4.6 W	50 000 h



IP 68

IK 10

- Moon White 
- Amber Yellow 
- Cobalt Blue 
- Emerald Green 
- Ruby Red 



REFERENCE PROJECTS

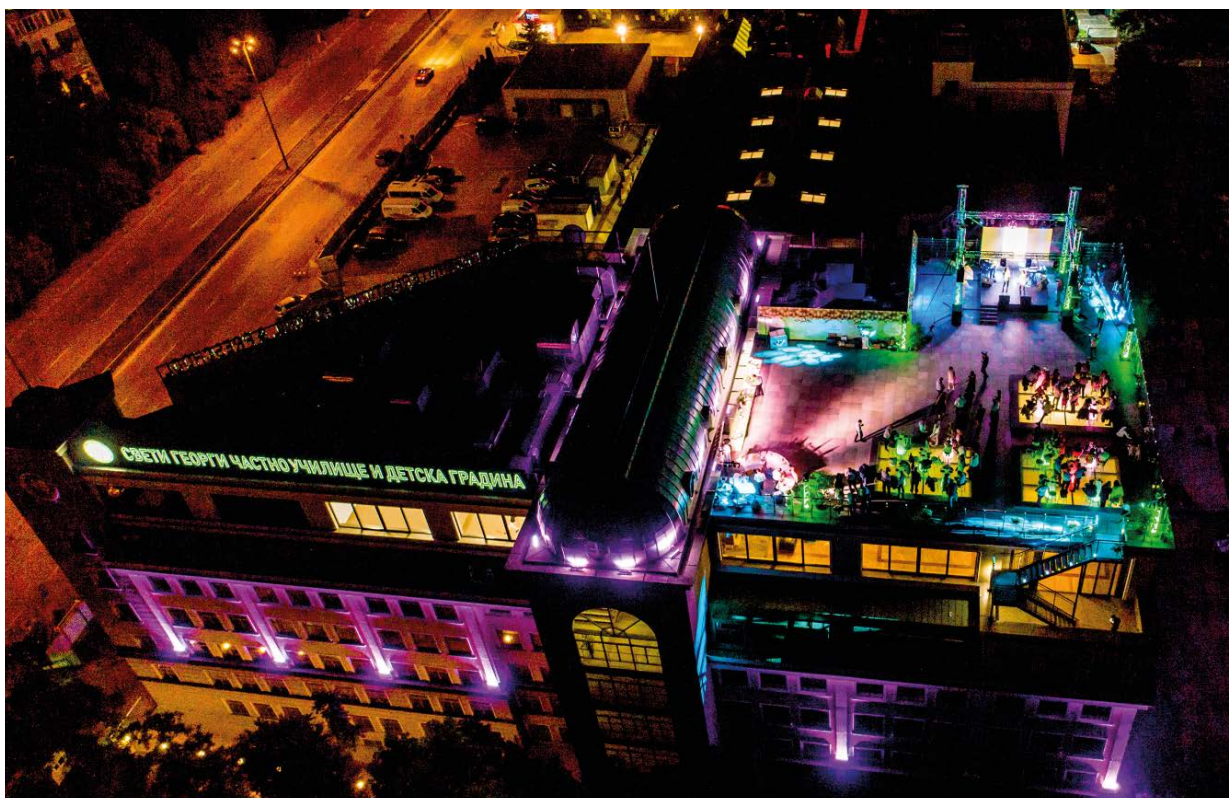
EXTERIOR



Argun Mosque, Russia
LED RGB customized modules, PR Series, WWL Series

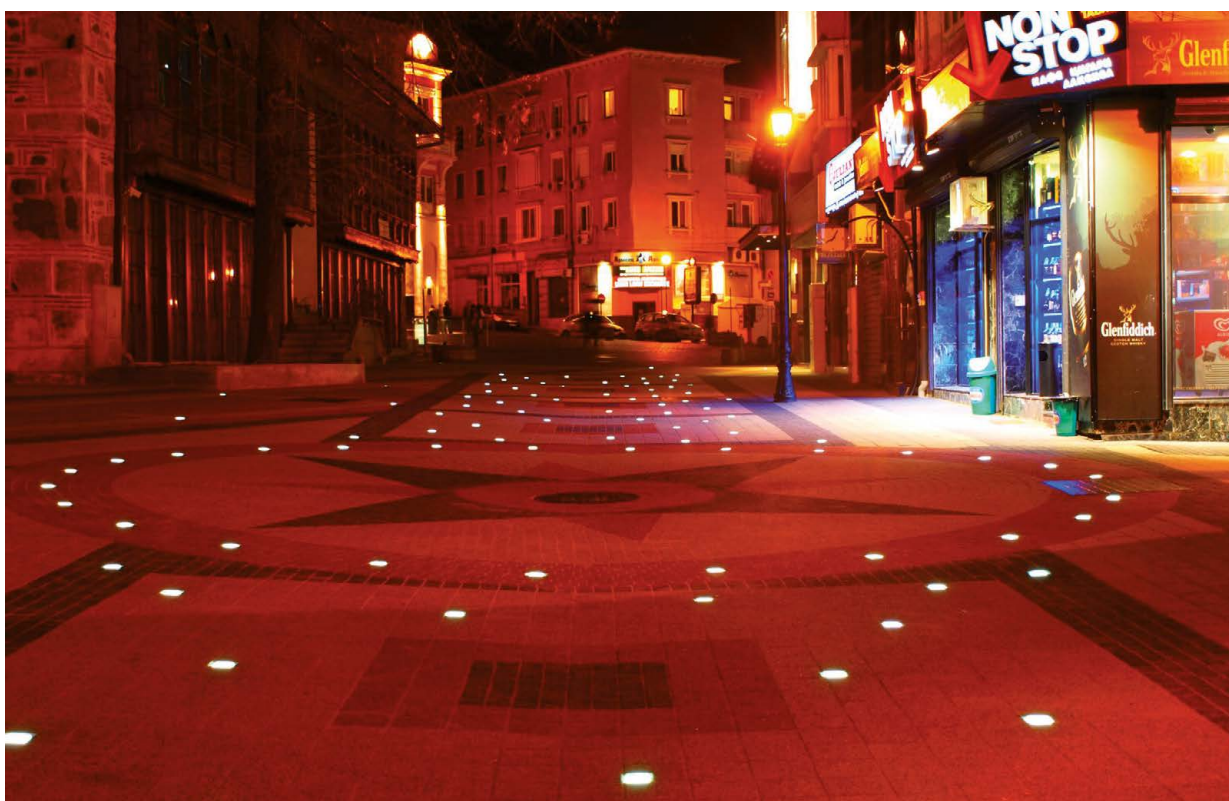


Argun Mosque, Russia
LED RGB customized modules, PR Series, WWL Series



Private School St. George, Sofia, Bulgaria
Wall Washer Series

EXTERIOR



Plovdiv city center, Bulgaria
LED Pavement Stone Series





OCTALED Tubes

Top efficient LED tubes produced in the EU

OCTALED T8 and T5 tubes are the perfect choice both for retail market and for industrial lighting projects. The LED tubes have excellent efficiency and long lifetime. All OCTALED T8 and T5 tubes are produced on robotized assembly lines to secure highest levels of quality and reliability. The manufacturing is based entirely in the company factory in the EU.



**T8 LED tubes
G-I**



**T8 LED tubes
G-II**



**T8 LED tubes
G-III**



**T8 LED tubes G-IV
(NANO TUBE)**



**T5 LED tubes
G-I ECG**



**T5 LED tubes
G-I ECG/DC**



T8 LED tubes G-I A++

Time tested aluminum base tube

OCTALED T8 G-I A++ tubes are time proven, top efficient and long-lasting tubes. All models are A++ energy class, single side power supply, equipped with non-rotatable cap. T8 G-I LED tubes are suitable for retrofitting of fluorescent T8 tubes in luminaires with ECG. The tubes have excellent thermal management, which ensures long life and reliable operation. They illuminate with soft homogeneous light.

Produced in fully robotized assembly line to secure quality consistency and reliability.

Custom sizes, CCT and CRI combinations are available.

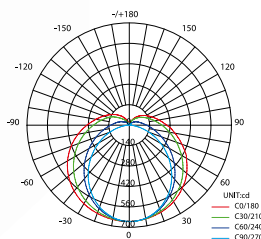
Applications

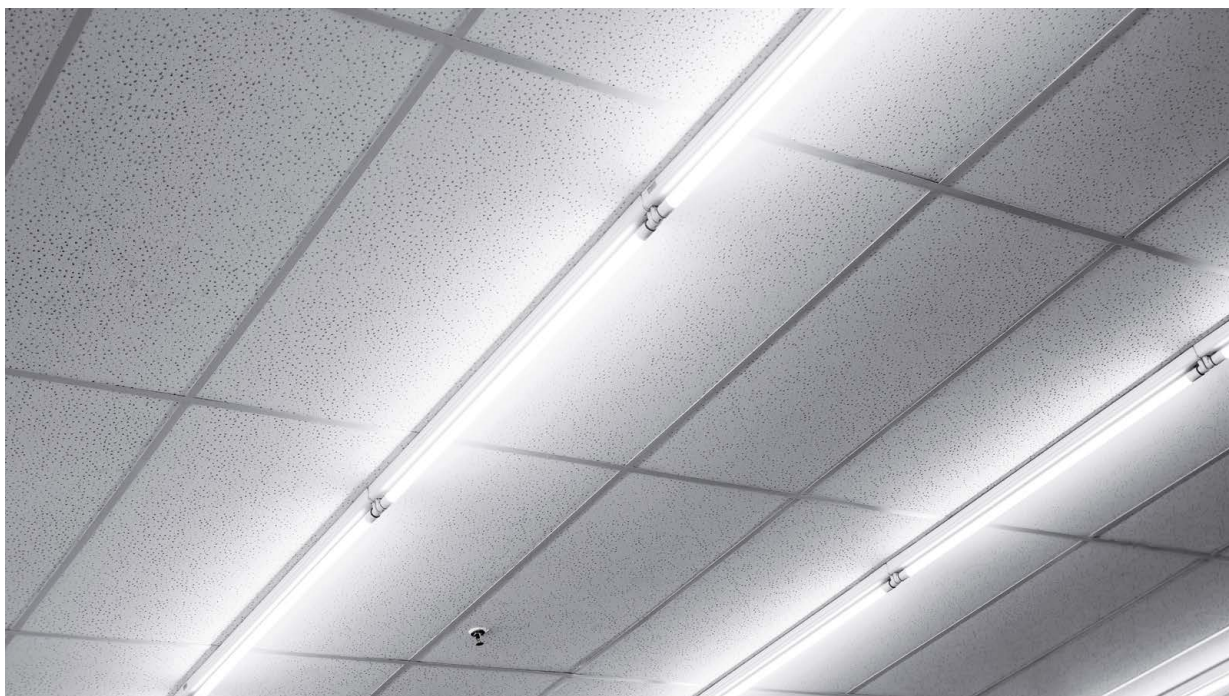
General lighting applications.

Offices, retail stores, warehouses, parking areas, industrial buildings.

Product type*	Length	Nominal Voltage	Nominal Wattage	CRI and CCT	Luminous flux	CRI	Nominal life	Energy Class	Lamp efficiency
T8 G-I 600 7.5W/8XX A++	600	ECG	7.5 W	827/840/857	1 050 lm	>80	50 000 hrs	A++	140 lm/W
T8 G-I 1200 13.8W/8XX A++	1200	ECG	13.8 W	827/840/857	1 930 lm	>80	50 000 hrs	A++	140 lm/W
T8 G-I 1200 18.5W/8XX A++	1200	ECG	18.5 W	827/840/857	2 590 lm	>80	50 000 hrs	A++	140 lm/W
T8 G-I 1500 23.5W/8XX A++	1500	ECG	23.5 W	827/840/857	3 290 lm	>80	50 000 hrs	A++	140 lm/W

*8XX - CRI and CCT, i.e. 840 means CRI>80, CCT 4000K





T8 LED tubes G-II

Polycarbonate base tube

OCTALED T8 G-II A+ tubes are time proven, top efficient and long-lasting complete polycarbonate tubes. All models are equipped with non-rotatable cap. T8 G-II LED tubes are suitable for direct retrofitting of fluorescent T8 tubes in luminaires with CCG (magnetic ballast) or replacement with rewiring in luminaires with ECG. The tubes have excellent thermal management, which ensures long life and reliable operation. They illuminate with soft homogeneous

light.

Produced in fully robotized assembly line to secure quality consistency and reliability.

Custom sizes, CCT and CRI combinations are available.

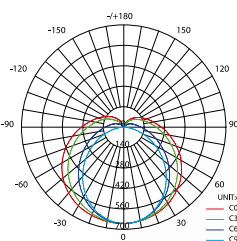
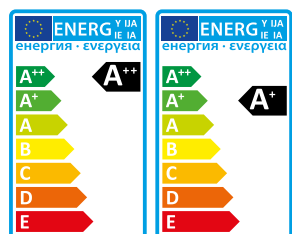
Applications

General lighting applications.

Offices, retail stores, warehouses, parking areas, industrial buildings.

	Product type*	Length	Nominal Voltage	Nominal Wattage	CRI and CCT	Luminous flux	CRI	Nominal life	Energy Class	Lamp efficiency
OCTALED T8 GEN-II A+ AC/CCG	T8 G-II 600 8W/8XX A+ AC/CCG	600	230V AC/CCG	8 W	827/840/857	880 lm	>80	25 000 hrs	A+	110 lm/W
	T8 G-II 1200 18W/8XX A+ AC/CCG	1 200	230V AC/CCG	18 W	827/840/857	1 980 lm	>80	25 000 hrs	A+	110 lm/W
	T8 G-II 1500 24W/8XX A+ AC/CCG	1 500	230V AC/CCG	24 W	827/840/857	2 640 lm	>80	25 000 hrs	A+	110 lm/W
OCTALED T8 GEN-II A+++ AC/CCG	T8 G-II 600 8W/8XX A+++ AC/CCG	600	230V AC/CCG	8 W	827/840/857	1 000 lm	>80	25 000 hrs	A+++	125 lm/W
	T8 G-II 1200 18W/8XX A+++ AC/CCG	1 200	230V AC/CCG	18 W	827/840/857	2 250 lm	>80	25 000 hrs	A+++	125 lm/W
	T8 G-II 1500 24W/8XX A+++ AC/CCG	1 500	230V AC/CCG	24 W	827/840/857	3 000 lm	>80	25 000 hrs	A+++	125 lm/W
OCTALED T8 GEN-II A+ ECG	T8 G-II 600 8W/8XX A+ ECG	600	ECG	8 W	827/840/857	920 lm	>80	25 000 hrs	A+	115 lm/W
	T8 G-II 1200 18W/8XX A+ ECG	1 200	ECG	18 W	827/840/857	2 070 lm	>80	25 000 hrs	A+	115 lm/W
	T8 G-II 1500 24W/8XX A+ ECG	1 500	ECG	24 W	827/840/857	2 760 lm	>80	25 000 hrs	A+	115 lm/W
OCTALED T8 GEN-II A+++ ECG	T8 G-II 600 8W/8XX A+++ ECG	600	ECG	8 W	827/840/857	1 040 lm	>80	25 000 hrs	A+++	130 lm/W
	T8 G-II 1200 18W/8XX A+++ ECG	1 200	ECG	18 W	827/840/857	2 340 lm	>80	25 000 hrs	A+++	130 lm/W
	T8 G-II 1500 24W/8XX A+++ ECG	1 500	ECG	24 W	827/840/857	3 120 lm	>80	25 000 hrs	A+++	130 lm/W

* 8XX - CRI and CCT, i.e. 840 means CRI>80, CCT 4000K





T8 LED tubes G-III

Aluminum base tube with rotatable cap at 180 degrees

OCTALED T8 G-III tubes are top efficient aluminum base tubes for direct AC operation and compatible with CCG or ECG type of luminaires. The models are offered in both A++ and A+ energy class. The tubes have excellent thermal management, which ensures long life and reliable operation. They illuminate with soft homogeneous light.

Produced in fully robotized assembly line to secure quality consistency and reliability.

Custom sizes, CCT and CRI combinations are available.

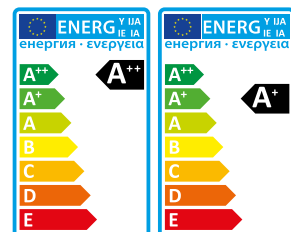
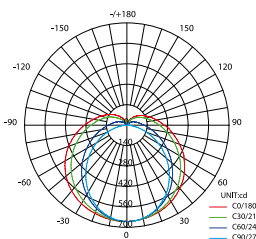
Applications

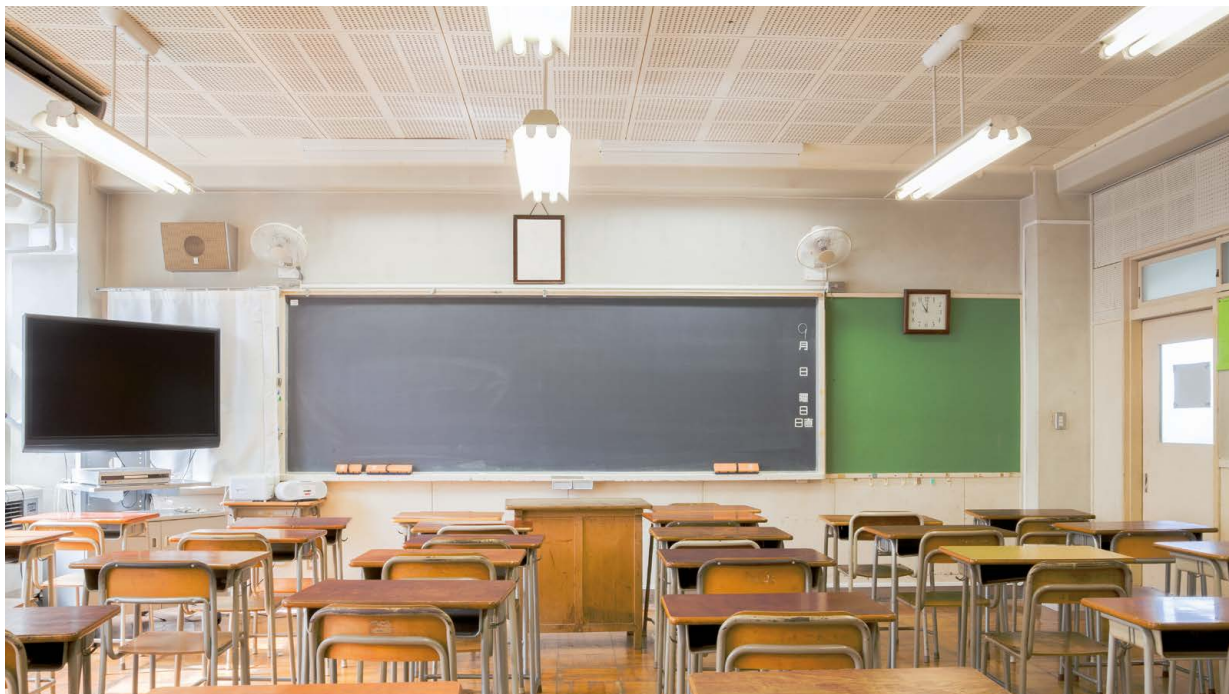
General lighting applications.

Offices, retail stores, warehouses, parking areas, industrial buildings.

	Product type*	Length	Nominal Voltage	Nominal Wattage	CRI and CCT	Luminous flux	CRI	Nominal life	Energy Class	Lamp efficiency
OCTALED T8 GEN-III A+ AC/CCG	T8 G-III 600 8W/8XX A+ AC/CCG	600	230V AC/CCG	8 W	827/840/857	920 lm	>80	50 000 hrs	A+	115 lm/W
	T8 G-III 1200 18W/8XX A+ AC/CCG	1 200	230V AC/CCG	18 W	827/840/857	2 070 lm	>80	50 000 hrs	A+	115 lm/W
	T8 G-III 1500 24W/8XX A+ AC/CCG	1 500	230V AC/CCG	24 W	827/840/857	2 760 lm	>80	50 000 hrs	A+	115 lm/W
OCTALED T8 GEN-III A++ AC/CCG	T8 G-III 600 8W/8XX A++ AC/CCG	600	230V AC/CCG	8 W	827/840/857	1 040 lm	>80	50 000 hrs	A++	130 lm/W
	T8 G-III 1200 18W/8XX A++ AC/CCG	1 200	230V AC/CCG	18 W	827/840/857	2 340 lm	>80	50 000 hrs	A++	130 lm/W
	T8 G-III 1500 24W/8XX A++ AC/CCG	1 500	230V AC/CCG	24 W	827/840/857	3 120 lm	>80	50 000 hrs	A++	130 lm/W
OCTALED T8 GEN-III A+ ECG	T8 G-III 600 8W/8XX A+ ECG	600	ECG	8 W	827/840/857	920 lm	>80	50 000 hrs	A+	115 lm/W
	T8 G-III 1200 18W/8XX A+ ECG	1 200	ECG	18 W	827/840/857	2 070 lm	>80	50 000 hrs	A+	115 lm/W
	T8 G-III 1500 24W/8XX A+ ECG	1 500	ECG	24 W	827/840/857	2 760 lm	>80	50 000 hrs	A+	115 lm/W
OCTALED T8 GEN-III A++ ECG	T8 G-III 600 8W/8XX A++ ECG	600	ECG	8 W	827/840/857	1 040 lm	>80	50 000 hrs	A++	130 lm/W
	T8 G-III 1200 18W/8XX A++ ECG	1 200	ECG	18 W	827/840/857	2 340 lm	>80	50 000 hrs	A++	130 lm/W
	T8 G-III 1500 24W/8XX A++ ECG	1 500	ECG	24 W	827/840/857	3 120 lm	>80	50 000 hrs	A++	130 lm/W

* 8XX - CRI and CCT, i.e. 840 means CRI>80, CCT 4000K





T8 LED tubes G-IV (NANO TUBE)

For CCG or ECG type of luminaires / NANO structured polycarbonate

OCTALED T8 G-IV tubes are top efficient nano structured polycarbonate base tubes for direct AC operation and compatible with CCG type of luminaires. These type of tubes have wide working voltage range 90V–280V. The models are offered in both A++ and A+ energy class. The nano tube is made of new type of polycarbonate that provides better light transmittance and has softer homogeneous light, while having at the same time im-

proved strength and endurance.

Produced in fully robotized assembly line to secure quality consistency and reliability.

Custom sizes, CCT and CRI combinations are available.

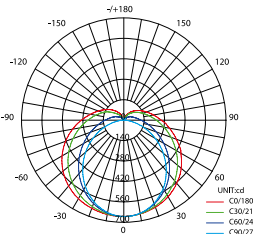
Applications

General lighting applications.

Offices, retail stores, warehouses, parking areas, industrial buildings.

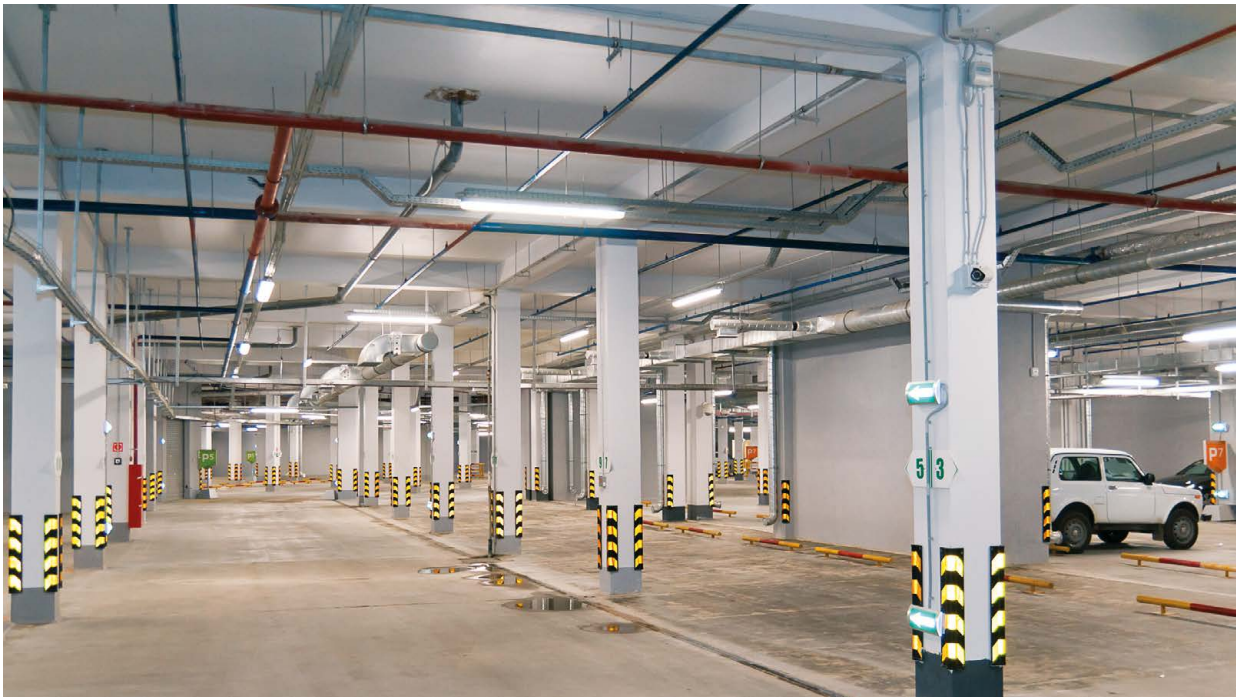
	Product type*	Length	Nominal Voltage	Nominal Wattage	CRI and CCT	Luminous flux	CRI	Nominal life	Energy Class	Lamp efficiency
OCTALED T8 GEN-IV A+	T8 G-IV 600 8W/8XX A+	600	100-240 V AC	8 W	827/840/857	720 lm	>80	25 000 hrs	A+	90 lm/W
	T8 G-IV 1200 18W/8XX A+	1 200	100-240 V AC	18 W	827/840/857	1 620 lm	>80	25 000 hrs	A+	90 lm/W
	T8 G-IV 1500 24W/8XX A+	1 500	100-240 V AC	24 W	827/840/857	2 160 lm	>80	25 000 hrs	A+	90 lm/W
OCTALED T8 GEN-IV A++	T8 G-IV 600 8W/8XX A++	600	100-240 V AC	8 W	827/840/857	1 000 lm	>80	25 000 hrs	A++	125 lm/W
	T8 G-IV 1200 8W/8XX A++	1 200	100-240 V AC	18 W	827/840/857	2 250 lm	>80	25 000 hrs	A++	125 lm/W
	T8 G-IV 1500 8W/8XX A++	1 500	100-240 V AC	24 W	827/840/857	3 000 lm	>80	25 000 hrs	A++	125 lm/W
OCTALED T8 GEN-IV A+ ECG	T8 G-IV 600 8W/8XX A+ ECG	600	ECG	8 W	827/840/857	800 lm	>80	25 000 hrs	A+	100 lm/W
	T8 G-IV 1200 18W/8XX A+ ECG	1 200	ECG	18 W	827/840/857	1 800 lm	>80	25 000 hrs	A+	100 lm/W
	T8 G-IV 1500 24W/8XX A+ ECG	1 500	ECG	24 W	827/840/857	2 400 lm	>80	25 000 hrs	A+	100 lm/W
OCTALED T8 GEN-III A++ ECG	T8 G-IV 600 8W/8XX A++ ECG	600	ECG	8 W	827/840/857	1 120 lm	>80	25 000 hrs	A++	140 lm/W
	T8 G-IV 1200 18W/8XX A++ ECG	1 200	ECG	18 W	827/840/857	2 520 lm	>80	25 000 hrs	A++	140 lm/W
	T8 G-IV 1500 24W/8XX A++ ECG	1 500	ECG	24 W	827/840/857	3 360 lm	>80	25 000 hrs	A++	140 lm/W

* 8XX - CRI and CCT, i.e. 840 means CRI>80, CCT 4000K



NANO TUBE





T5 LED tubes G-I AC/ECG

For application in AC/ECG type of luminaires

OCTALED T5 G-I are top efficient long-lasting LED tubes suitable for direct replacement of various type of fluorescent T5 tubes. The tubes are A++ energy class. Designed with aluminum back side and polycarbonate cover, they have excellent thermal management, which ensures long life span and reliable operation.

Produced in fully robotized assembly line to secure quality consistency and reliability.

Custom sizes, CCT and CRI combinations available.

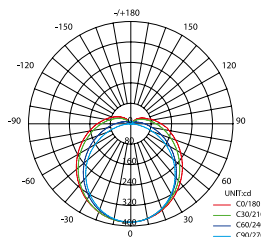
Applications

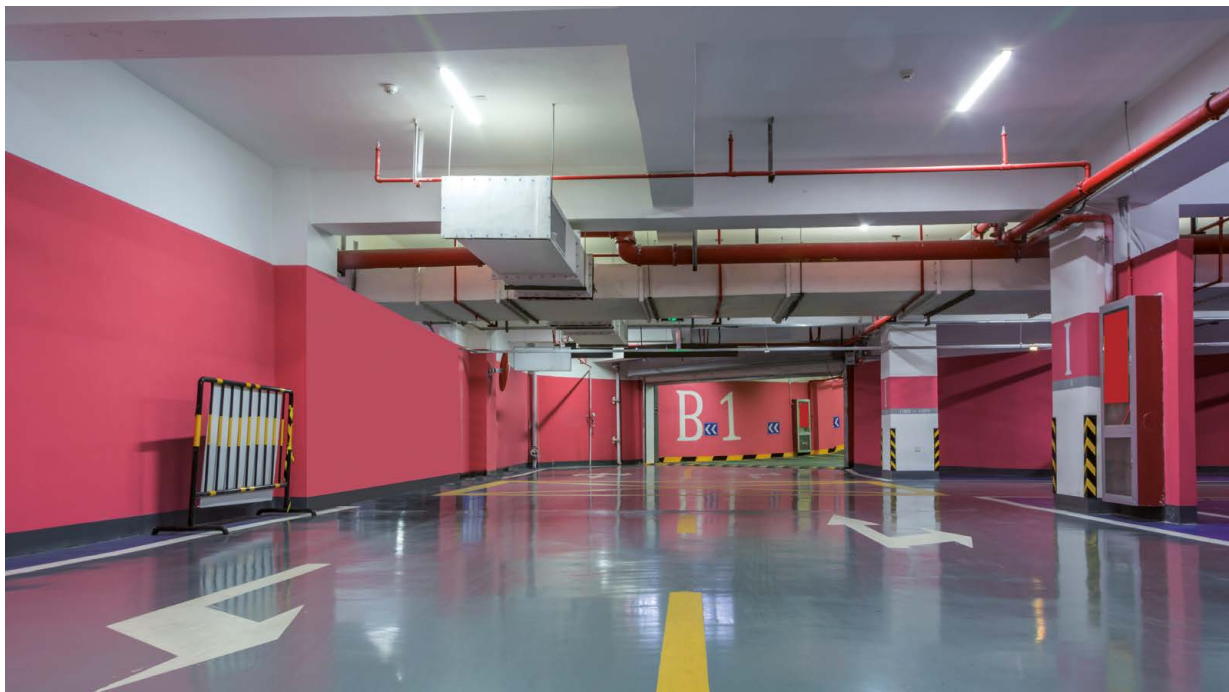
General lighting applications.

Offices, retail stores, warehouses, parking areas, industrial buildings.

	Product type*	Length	Nominal Voltage	Nominal Wattage	CRI and CCT	Luminous flux	CRI	Nominal life	Energy Class	Lamp efficiency
OCTALED T5 GEN-I AC A++	T5 G-I 600 8W/8XX AC A++	600	230V/190-245V AC	8 W	827/840/857	1 000 lm	>80	50 000 hrs	A++	125 lm/W
	T5 G-I 1200 18W/8XX AC A++	1 200	230V/190-245V AC	18 W	827/840/857	2 250 lm	>80	50 000 hrs	A++	125 lm/W
	T5 G-I 1500 24W/8XX AC A++	1 500	230V/190-245V AC	24 W	827/840/857	3 000 lm	>80	50 000 hrs	A++	125 lm/W
OCTALED T5 GEN-I A++ ECG	T5 G-I 600 8W/8XX ECG A++	600	ECG	8 W	827/840/857	1 120 lm	>80	50 000 hrs	A++	140 lm/W
	T5 G-I 1200 18W/8XX ECG A++	1 200	ECG	18 W	827/840/857	2 520 lm	>80	50 000 hrs	A++	140 lm/W
	T5 G-I 1500 24W/8XX ECG A++	1 500	ECG	24 W	827/840/857	3 360 lm	>80	50 000 hrs	A++	140 lm/W

* 8XX - CRI and CCT, i.e. 840 means CRI>80, CCT 4000K





T5 LED tubes G-I DC

36V Constant current design

OCTALED T5 G-I DC are top efficient long-lasting LED tubes with efficacy of 140 lm/W and Energy class A+++. Designed with aluminum back side and polycarbonate cover, they have excellent thermal management, which ensures long life span and reliable operation. Produced in fully robotized assembly line to secure quality consistency and reliability.

Custom sizes, CCT and CRI combinations available.

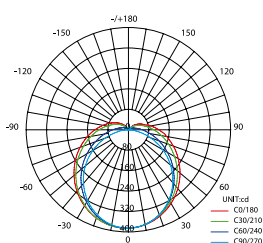
Applications

General lighting applications.

Offices, retail stores, warehouses, parking areas, industrial buildings.

Product type*	Length	Nominal Voltage	Nominal Wattage	CRI and CCT	Luminous flux	CRI	Nominal life	Energy Class	Lamp efficiency
T5 G-I 600 8W/8XX DC A+++	600	200mA/36V DC	8 W	827/840/857	880 lm	>80	50 000 hrs	A+++	140 lm/W
T5 G-I 1200 18W/8XX DC A+++	1 200	200mA/36V DC	18 W	827/840/857	1 980 lm	>80	50 000 hrs	A+++	140 lm/W
T5 G-I 1500 24W/8XX DC A+++	1 500	200mA/36V DC	24 W	827/840/857	2 640 lm	>80	50 000 hrs	A+++	140 lm/W

* 8XX - CRI and CCT, i.e. 840 means CRI>80, CCT 4000K





OCTALED Bulbs

Top efficient LED bulbs produced in the EU

OCTALED is Octa Light Bulgaria brand for LED bulbs produced specially for the mass retail market. All products have excellent efficiency and long lifetime. OCTALED bulbs are produced on robotized assembly lines to secure highest levels of quality and reliability. The manufacturing is based entirely the company in factory in the EU.





OCTALED ECO PLUS

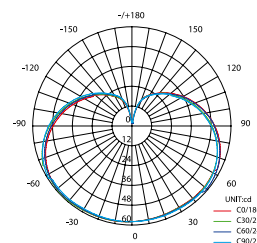
OCTALED ECO Plus series are new generation LED powered bulbs for general lighting applications and direct replacement of 40W, 60W and 75W incandescent lamps, as well as for replacement of other conventional retrofit lamps. The products are made of high quality body and durable optical grade polycarbonate. Classic bulb shape, snow white colored body with retrofit screw base.

Produced in fully robotized assembly line to secure quality consistency and reliability.

Applications

Ideal for home applications and general illumination.

	Product type	Nominal Voltage	Nominal Wattage	CCT	Luminous flux	Equivalent inc. lamp	CRI	Nominal life	Energy Class	Socket
OCTALED ECO E02-E27 (230V)	OCTALED E02 5W/E27/2700	230V AC	5 W	2 700 K	470 lm	40 W	> 80	25 000 hrs	A+	E27
	OCTALED E02 5W/E27/4000	230V AC	5 W	4 000 K	470 lm	40 W	> 80	25 000 hrs	A+	E27
	OCTALED E02 8.5W/E27/2700	230V AC	8.5 W	2 700 K	810 lm	60 W	> 80	25 000 hrs	A+	E27
	OCTALED E02 8.5W/E27/4000	230V AC	8.5 W	4 000 K	810 lm	60 W	> 80	25 000 hrs	A+	E27
	OCTALED E02 10W/E27/2700	230V AC	10 W	2 700 K	1 055 lm	75 W	> 80	25 000 hrs	A+	E27
	OCTALED E02 10W/E27/4000	230V AC	10 W	4 000 K	1 055 lm	75 W	> 80	25 000 hrs	A+	E27
OCTALED ECO E02-E27 WIDE RANGE (100-240V)	OCTALED E02 5W/E27/2700	100-240V AC	5 W	2 700 K	470 lm	40 W	> 80	25 000 hrs	A+	E27
	OCTALED E02 5W/E27/4000	100-240V AC	5 W	4 000 K	470 lm	40 W	> 80	25 000 hrs	A+	E27
	OCTALED E02 8.5W/E27/2700	100-240V AC	8.5 W	2 700 K	810 lm	60 W	> 80	25 000 hrs	A+	E27
	OCTALED E02 8.5W/E27/4000	100-240V AC	8.5 W	4 000 K	810 lm	60 W	> 80	25 000 hrs	A+	E27
	OCTALED E02 10W/E27/2700	100-240V AC	10 W	2 700 K	1 055 lm	75 W	> 80	25 000 hrs	A+	E27
	OCTALED E02 10W/E27/4000	100-240V AC	10 W	4 000 K	1 055 lm	75 W	> 80	25 000 hrs	A+	E27





OCTALED ECO PLUS PRO

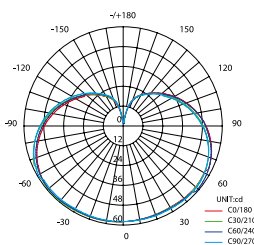
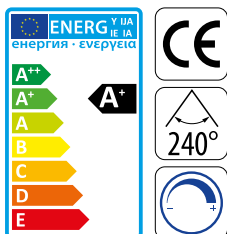
OCTALED ECO Plus Pro series are new generation dimmable high-end LED powered bulbs for general lighting applications and direct replacement of 40W, 60W and 75W incandescent lamps, as well as for replacement of other conventional retrofit lamps. The products are made of high quality body and durable optical grade polycarbonate. Classic bulb shape, snow white colored body with retrofit screw base.

Produced in fully robotized assembly line to secure quality consistency and reliability.

Applications

Home applications and general illumination. Professional and industrial illumination.

Product type	Nominal Voltage	Nominal Wattage	CCT	Luminous flux	Equivalent inc. lamp	CRI	Nominal life	Energy Class	Socket
OCTALED PRO E02 5W/E27/2700	230 V AC	5 W	2 700 K	470 lm	40 W	> 80	30 000 hrs	A+	E27
OCTALED PRO E02 5W/E27/4000	230 V AC	5 W	4 000 K	470 lm	40 W	> 80	30 000 hrs	A+	E27
OCTALED PRO E02 8.5W/E27/2700	230 V AC	8.5 W	2 700 K	810 lm	60 W	> 80	30 000 hrs	A+	E27
OCTALED PRO E02 8.5W/E27/4000	230 V AC	8.5 W	4 000 K	810 lm	60 W	> 80	30 000 hrs	A+	E27
OCTALED PRO E02 10W/E27/2700	230 V AC	10 W	2 700 K	1 055 lm	75 W	> 80	30 000 hrs	A+	E27
OCTALED PRO E02 10W/E27/4000	230 V AC	10 W	4 000 K	1 055 lm	75 W	> 80	30 000 hrs	A+	E27





OCTALED CANDLE

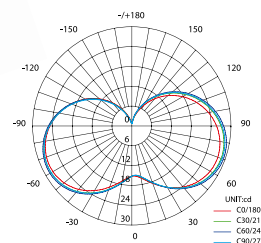
OCTALED ECO C02 series are LED powered bulbs for general lighting applications and direct replacement of 25W and 40W incandescent lamps, as well as for replacement of other conventional retrofit lamps with socket E14. Classical flame shaped design.

Produced in fully robotized assembly line to secure quality consistency and reliability.

Applications

Ideal for home applications and general illumination, as well as for decorative lighting. Hotels, restaurants, historical buildings. Excellent for chandeliers.

	Product type	Nominal Voltage	Nominal Wattage	CCT	Luminous flux	Equivalent inc. lamp	CRI	Nominal life	Energy Class	Socket
OCTALED CANDLE C02-E14 (230V)	OCTALED C02 3.5W/E14/2700	230 V AC	3.5 W	2 700 K	250 lm	25 W	> 80	25 000 hrs	A+	E14
	OCTALED C02 3.5W/E14/4000	230 V AC	3.5 W	4 000 K	250 lm	25 W	> 80	25 000 hrs	A+	E14
	OCTALED C02 5W/E14/2700	230 V AC	5 W	2 700 K	470 lm	40 W	> 80	25 000 hrs	A+	E14
	OCTALED C02 5W/E14/4000	230 V AC	5 W	4 000 K	470 lm	40 W	> 80	25 000 hrs	A+	E14
OCTALED CANDLE C02-E14 WIDE RANGE (100-240V)	OCTALED C02 4W/E14/2700	100-240V AC	4 W	2 700 K	350 lm	25 W	> 80	25 000 hrs	A+	E14
	OCTALED C02 4W/E14/4000	100-240V AC	4 W	4 000 K	350 lm	25 W	> 80	25 000 hrs	A+	E14





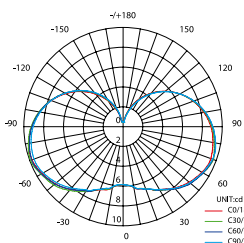
OCTALED F01

OCTALED CANDLE F01 are LED powered bulbs with E14 socket, mostly suitable for refrigerators, sewing machines and other special applications. F01 series can be used also for decorative and accent lighting applications.

Applications:

Lighting of refrigerators. Lighting of sewing machines. Various decorative lighting applications.

Product type	Nominal Voltage	Nominal Wattage	CCT	Luminous flux	Equivalent inc. lamp	CRI	Nominal life	Energy Class	Socket
OCTALED F01 1.6W/E14/3500	230 V AC	1.6 W	3 500 K	60 lm	—	> 80	30 000 hrs	A+	E14
OCTALED F01 1.6W/E14/5000	230 V AC	1.6 W	5 000 K	70 lm	—	> 80	30 000 hrs	A+	E14





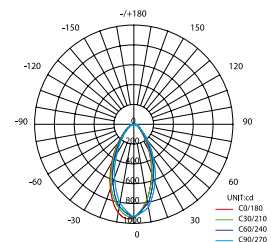
OCTALED GU10

OCTALED GU10 series are LED powered lamps with GU10 retrofit base. They are perfect to create spectacular spot lighting in any environment – at home or professional. The lamps are highly efficient alternative for conventional halogen lamps of 35W or 50W. Made of high quality durable materials, shock resistant.

Applications

For general or spot lighting at home or in professional environment like offices, hotels, retail stores, restaurants, museums, galleries.

Product type	Nominal Voltage	Nominal Wattage	CCT	Luminous flux	Equivalent inc. lamp	CRI	Nominal life	Energy Class	Socket
OCTALED GU10 36D 3.5W/2700	230 V AC	3.5 W	2 700 K	230 lm	35 W	> 80	25 000 hrs	A+	GU10
OCTALED GU10 36D 3.5W/4000	230 V AC	3.5 W	4 000 K	230 lm	35 W	> 80	25 000 hrs	A+	GU10
OCTALED GU10 36D 5W/2700	230 V AC	5 W	2 700 K	350 lm	50 W	> 80	25 000 hrs	A+	GU10
OCTALED GU10 36D 5W/4000	230 V AC	5 W	4 000 K	350 lm	50 W	> 80	25 000 hrs	A+	GU10





OCTALED MR16

OCTALED MR16 series are LED powered lamps with retrofit base GU5.3. They are perfect to create spectacular spot lighting in any environment – at home or professional. The lamps are highly efficient alternative for conventional halogen lamps 35W of this type. Made of high quality durable materials, shock resistant.

Applications

For general or spot lighting at home or in professional environment like offices, hotels, retail stores, restaurants, museums, galleries.

	Product type	Nominal Voltage	Nominal Wattage	CCT	Luminous flux	Equivalent inc. lamp	CRI	Nominal life	Energy Class	Socket
12V DC RANGE	OCTALED MR16 36D 5W/2700	12 V DC	5 W	2 700 K	300 lm	35 W	> 80	25 000 hrs	A+	GU5.3
	OCTALED MR16 36D 5W/4000	12 V DC	5 W	4 000 K	350 lm	35 W	> 80	25 000 hrs	A+	GU5.3
WIDE RANGE (100-240V AC)	OCTALED MR16 36D 7W/2700	100-240V AC	7W	2 700 K	500 lm	40W	> 80	25 000 hrs	A+	GU5.3
	OCTALED MR16 36D 7W/4000	100-240V AC	7W	4 000 K	550 lm	40W	> 80	25 000 hrs	A+	GU5.3

