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INNOVATION AND EFFICIENCY FOR URBAN SPACES





PATENTED DESIGN REGISTERED EUROPEAN DESIGN







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INTELLIGENT & DIGITAL STREETLIGHTING LUMINAIRE



Innovation and efficiency for urban spaces.

CityMax is a concept that delivers a versatile urban lighting system with a modern, innovative design, for a variety of city applications.

CityMax guarantees excellent levels of illumination for different types of lighting applications. With its flexible design it offers an extensive range of lumen packages and varied mounting options that are an ideal solution for city projects that encompass streets, avenues, squares and roads.

Its circular design revolves around LED modules that make the urban landscape a comfortable and pleasant space at night, whilst ensuring a discrete, elegant look in the day.

Maintenance

Tool-less access into the luminaire during installation.

Optics/light source

- Available with a variety of optical packages.
- Lumen packages ranging from 2,000 to 15,000 lumens.
- Colour temperature of 4000°K and 3000°K.
- Future proof: Design ready for upgrading.

TM66 CEAM-Make Rating

• Preliminary Rating: 2.3 (Definite/substantial progress to circularity).

Approvals

- CE
- IP66 light engines (EN 60529)
- IP66 gear compartment (EN 60529)
- Ta -40 °C to +50 °C
- IK10 (EN 62262)





Typical Luminaire Performance

 Configuration
 Delivered Lumens
 Power Consumption
 Driver Current
 Projected Life of LED Module (L70B50 @Tq 25°C)*

 SCL.L024
 c.2000
 19W
 675mA
 100,000 hrs

SCL.L034	c.3000	25W	469mA	100,000 hrs
SCL.L044	c.4000	36W	675mA	100,000 hrs
SCL.L054	c.5000	43W	403mA	100,000 hrs
SCL.L064	c.6000	52W	492mA	100,000 hrs
SCL.L074	c.7000	62W	591mA	100,000 hrs
SCL.L094	c.9000	82W	788mA	100,000 hrs
SCL.L124	c.12000	104W	628mA	100,000 hrs
SCL.L154	c.15000	139W	830mA	100,000 hrs

Note: Data is correct at time of print.

* For other life metric data in line with IEC PAS62722-2-1 and 62717 contact your Holophane Representative for details.

Technical specifications



Enclosure - IP66

In accordance with EN 60529, IP66 luminaire enclosure has been achieved. A series of bespoke clips and seals designed for the luminaire ensure that the IP66 seal is maintained.

Impact rating - IK10

In accordance with EN 62262, IK10 impact protection rating as been achieved. Maximum protection to ensure the projected life of the luminaire is maintained. The IK10 rating is achieved via the 4mm thick tempered glass lens.

Control

Using programmable gear, DALI and 1-10V protocol, the lighting is managed in a more efficient manner,

minimising consumption and maximising performance. Available as part of an Integrated wireless controls system.



Electrical class

Available in CI and CII.

Brackets

With a variety of mounting options CityMax can be used in different city spaces: squares, streets, avenues, urban centres and even secondary roads.

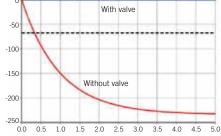
Pressure equalisation valve



Each module has a pressure equalisation valve that offsets interior/ exterior pressure. The integration of the valve extends the projected life of the seals and interior

parts by reducing the pressure placed on them and prevents moisture from entering which can lead to condensation.

Change in pressure inside the module due to a significant change in temperature



Overvoltage protector

CityMAX includes an overvoltage protection system, that protects the electronic parts of the luminaire against overvoltages of up to 10KV/KA.



3000K or warmer must be selected for IDA dark sky certification.



Material and finish

Housing, cover, modules, arms and mountings manufactured from high quality, low copper content aluminium. The quality of the materials and coating process used ensures a product with a long mechanical life.

> Optical distribution State-of-the-art optics combine to deliver 4 different distributions.

Outer module

The CityMAX modules include state-of-the-art LEDs to ensure maximum efficacy. The versatility of the outer module allows for different lumen packages, ranging from 2,000lm to 9,000lm.

ner module

The inner modules have been designed for applications requiring higher lumen packages. The two-module configuration delivers 12,000 Im or 15,000 Im.

Cover hinges by 90° for easier access into the luminaire.



Maintenance

Convenient luminaire access from the top, without the need for tools. The modules are separate from the driver, which encourages heat dissipation by way of convection and conduction.

Tilt Options

The design of CityMAX allows on site -10° to 10° tilting on side entry and post top variants.



Future-proof design

The CityMax design means that its modules can be upgraded in line with future technology for maximum energy efficiency.

Thermal management Excellent heat dissipation, longer complete life

The LED module system covers a large contact surface that conducts heat away from the critical electronic components which is then dissipated throughout the housing. The channel between the modules and the gear compartment generates a constant flow of air that passes through the luminaire. This process of convection ensures the luminaire is running as cool as possible resulting in a long system life.

Thermal management

CityMax utilises all three heat transfer principles of conduction, convection and radiation.



Conduction From the LEDS and driver onto the LED module and gear housing respectively.



Convection

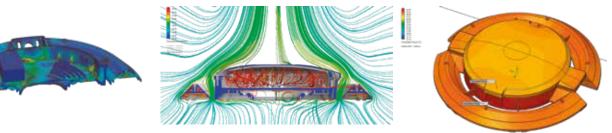
gear housing.

The air channel between the LED module and

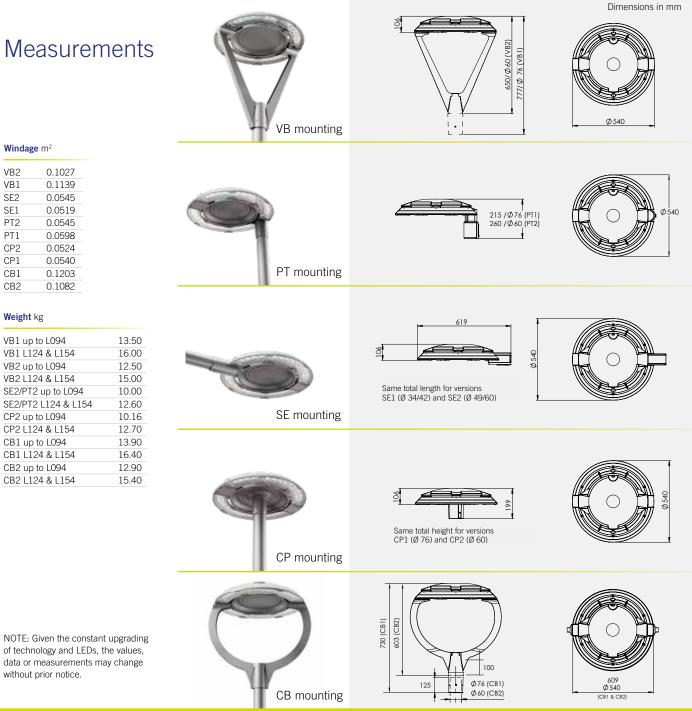


Radiation

Heat energy from the driver and LED is emitted from the casting in all directions.







Measurements

Windage m²

VB2 VB1 SE2 SE1 PT2 PT1 CP2 CP1 CB1 CB2

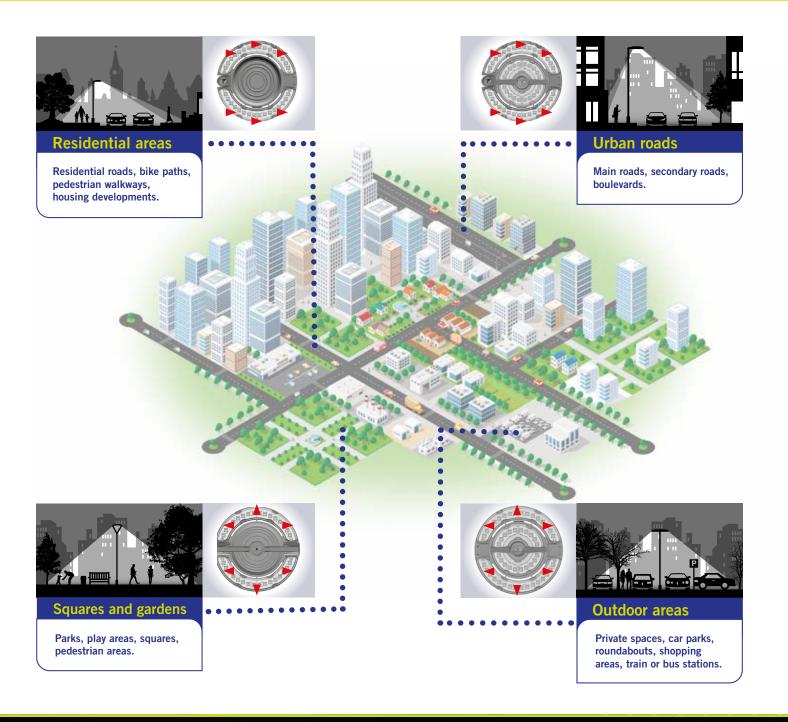
Weight kg

VB1 up to L094	13.50
VB1 L124 & L154	16.00
VB2 up to L094	12.50
VB2 L124 & L154	15.00
SE2/PT2 up to L094	10.00
SE2/PT2 L124 & L154	12.60
CP2 up to L094	10.16
CP2 L124 & L154	12.70
CB1 up to L094	13.90
CB1 L124 & L154	16.40
CB2 up to L094	12.90
CB2 L124 & L154	15.40

of technology and LEDs, the values, data or measurements may change without prior notice.

Applications A luminaire for the entire city

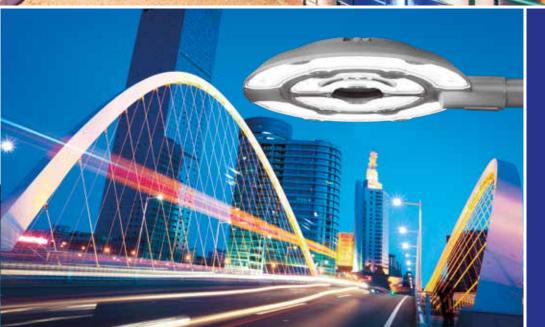




A versatile Iuminaire



CityMax has a wide range of optical packages which have been developed for a variety of urban environments.





Controls Compatible with Controlux Air

Controlux Air helps cities transform their existing infrastructure into a wireless platform. With Controlux Air, you have full remote configuration or your site with an intuitive user interface which is map based and delivers accurate/update reporting.



Integrated Wireless Controller

Integral wireless communication, lighting control and external sensor interface.

External antenna allowing communication with 'Motion Sensor' and 'Wireless Gateway'.

Creates a wireless mesh type network when used with the 'Wireless Gateway'.

Available as a standard option with code .TSK

Motion Sensor

Motion sensor and wireless communication triggering 1 to 10 luminaires (with Integral Wireless Controller) upon detection (user configurable).

Wireless communication with 'Gateway'.

Detects pedestrians, cyclists and cars range (range: 2.5 -75 mph)

Range: up to 15m on each side, 9m front and 3m behind at a mounting height of 5m (max).



Wireless network and server communication (via SIM Card).

Suitable for pole, wall or inside cabinet mounting.

One Gateway required for up to 200 devices (Motion Sensors or Integrated Light Controllers)

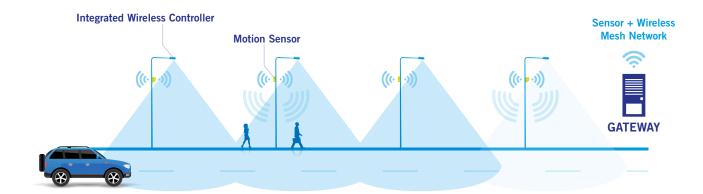
with a range of up to 1km open field range.

Links all devices to webbased Customer Interface for remote management of luminaires and devices.











Intuitive user interface

Gain in-depth insights into every single aspect of your lighting system. Smart analytics and simple charts will help you make the right decision about your lighting infrastructure.



Automatic failure reports

Lighting-related system faults are identified, and automatic failure reports are sent in realtime. This results in optimized maintenance, better planning, reduced costs and extended luminaire life.

Power metering

Dedicated hardware provides precise energy metering, which is converted into detailed energy usage and savings reports.

Accurate real-time data

Generation of analytics per an individual light point or their groups. Available data includes: notifications about lighting-related faults, number of triggers per light point, generated energy savings, heatmaps, and more.

Map-based visualizations

Outdoor lighting points are represented in a graphic interface on Google Maps, coordinated with GPS technology, which enables you to locate, monitor and control individual light points with ease.

Continuous support

CityManager receives periodic security and feature upgrades. We do this to ensure optimum functionality and system performance.



Financial Benefits

By installing Controlux Air controls systems, you benefit financially, thanks to energy savings and reduced energy costs.

Energy savings of up to 80%



- By using dynamic lighting, it is possible to generate energy savings of 40-80%, depending on the usage environment
- In dense urban environments, the Controlux Air solution has the potential to generate energy savings of 40-50% (in this case, actual savings depend on the traffic intensity)

Maintenance costs savings up to 50%



- Automatic failure reporting
- No need for expensive visual inspections
- Extended luminaire lifetime
- Excellent preventive maintenance

A solution for energy efficiency

that offers a wide range of functions to adapt to any setting.

Autonomous luminaire control

LRT56 / LRT66 / LRT76.

With the individual control, the precise amount of light is set in the correct place and at the right time. The autonomous controls uses the driver that is built into the luminaire.

Presence sensor. The presence sensors are connected to the driver (DALI or 1-10V) to improve the efficiency of the installation by increasing the lumen level when pedestrians of vehicles are detected and reducing it when no movement is sensed in the area.

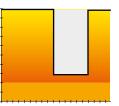
Control by light source groups

ANF (1-10V). Group control that allows for the lumen flow to be dimmed by between 1 and 100%, using an analogue signal that is sent to the control gear. It requires an additional two-wire control line. **LRD (DALI).** Digital communication interface. This is a two-way control interface that allows for information to be obtained on the light source. It requires a second control line for each luminaire.

Example: LRT56

LRT: Pre-set to dim

- 5: 50% of the initial flow
- 6: Hours during which dimming is maintained



Controlux control systems



CONTROLUX AIR is a wireless technology that offers intelligent lighting with reductions in energy consumption of up to 80%. It optimises energy savings thanks to the individual

control of light sources. It controls, monitors and manages street lighting, reporting consumptions, operating hours or system faults.

*actual savings depend on the traffic & pedestrian intensity and usuage.



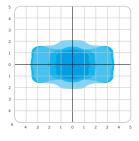
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Still Symmetric brightstillution STI Symmetric brightstillution STI Symmetric brightstillution AS2 Asymmetric distribution AS3 Asymmetric distribution AS4 Asymmetric distribution JPT11 Post Top Strim JPT12 Post Top Strim JPT12 Post Top Strim JPT14 Post Top Strim													
S11 Symmetric long distribution S12 Symmetric wide distribution AS1 Long & narrow distribution AS1 Long & narrow distribution AS3 Asymmetric distribution AS3 Asymmetric distribution P11 Post Top Somm P12 Post Top Somm SE1 Side Entry 344/2 SE2 Side Entry 344/2 SE2 Side Entry 4960mm CP1 Certral Post For Somm SE2 Side Entry 4960mm CP2 Certral Post Form U20 Certral Post Form VB1 Cradle Mount Form VB2 Cradle Mount Form VB3 Cradle Mount Form VB4 Cradle Mount Form VB2 Cradle Mount Form VB3 Cradle Mount Form VB4 Cradle Mount Form VB4 Cradle Mount Form VB4 Cradle Mount Form		.L/\104					iour terrip	Jointure, 7	0 0111				
ST2 Symmetric distribution AS1 Long & narrow distribution AS2 Asymmetric distribution AS3 Asymmetric distribution P12 Post Top 76m P11 Cradle Mount 76m CB1 Curred Mount 76m CB2 Cured Mount 76m <td></td>													
A1 Signaratic distribution - Not available with ST1 and ST2 A2 Asymmetric distribution - Not available with ST1 and ST2 A3 Asymmetric distribution - Not available with ST1 and ST2 A3 Asymmetric distribution - Not available with ST1 and ST2 A3 Asymmetric distribution - Not available with ST1 and ST2 A3 Asymmetric distribution - Not available with ST1 and ST2 P11 Post Top Orom - Post Top Orom P12 Post Top Orom - Post Top Orom SE1 Side Entry 34/42 - State St				-	-								
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AS3 Asymmetric distribution P111 Post 10 76m P112 Post 10 76m SEI2 Side Entry 4960m SEI2 Side Entry 4960m SEI2 Side Entry 4960m CP1 Central Post 60m CP2 Central Post 60m CP2 Central Post 60m CP2 Central Post 60m CP2 Central Post 60m CP3 Central Post 76m CP3 Central Post 77m CP				0									
2. LO23 ST1 Coice Mounting (option) representative for further details or sonsidered to be representative for the configuration show, and may vary, with a SL22 SL23 SL23 SL22 SL23 SL23 SL22 SL23 SL2			.AS3	-									
Pril Post Top Comm Lumen data is considered to be comparation strong within a strong withe strong within a strong							1						
Set I Side Entry 34/42 representative of the configuration show, and ray vary, with a tolerance on flux of 4 - 7% (typical of LED manufactures data) and turninaire power of 4 - 7% (typical of LED manufactures data) and turninaire power of 4 - 7% (typical of LED manufactures data) and turninaire power of 4 - 7% (typical of LED manufactures data) and turninaire power of 4 - 7% (typical of LED manufactures data) and turninaire power of 4 - 7% (typical of LED manufactures data) and turninaire power of 4 - 7% (typical of LED manufactures data) and turninaire power of 4 - 7% (typical of LED manufactures data) and turninaire power of 4 - 7% (typical of LED manufactures data). VB1 Cradle Mount 76mm "Wattage is determined by the turne package selected." .C81 Curved Mount 60mm				.PT11	Post To	p 76mm							the 3000K and amber options.
SL1 Stde Entry 9442 shown, and may vary, with a tolerance on flux of 4 - 75 (typical control Post 76mm) CP1 Central Post 76mm formal Post 76mm CP2 Central Post 76mm "Wattage is determined by the lumen package selected." VB1 Cradie Mount 76mm "Wattage is determined by the lumen package selected." VB2 Cradie Mount 76mm "Wattage is determined by the lumen package selected." CB2 Curved Mount 76mm Colour (required) C1 Smooth White (RAL7011) C6 C68 Corobit (RAL7011) C6 C63 Smooth Chrie (RAL7035) - C7 Black (RAL3006) - C3 Metallic Silver (RAL9016) - C4 Graphite (RAL7011) - C5 Smooth Chrie (RAL7035) - C7 Black (RAL3006) - C4 Graphite (RAL9016) - C5 Smooth Chrie (RAL9016) - C4 Graphite (RAL9016) - C1 Smooth Chrie (RAL9016) - C4 Graphite (RAL9016) - C4 Corode Pathellic				.PT21	Post To	p 60mm							
SL2 Side Entry 4960mm telerance on flux of 4-7 % (byical data) and during and a clean and during and and a clean and during and and a clean and and a clean and and a clean and a cle				.SE11	Side En	try 34/42							
1 Contral Post 60mm Iuminaire power d+/- 5%. VB1 Cradle Mount 76mm "Watage is determined by the lumen package selected." VB2 Cradle Mount 76mm "Watage is determined by the lumen package selected." VB2 Curved Mount 76mm "Watage is determined by the lumen package selected." VB2 Curved Mount 76mm Colour (required) CB2 Curved Mount 76mm Colour (required) CC1 Smooth White (RAL2011) General Paint Finish (GRAL2015) C6 Smooth Grey (RAL2005) C7 C6 Shorth Finish (Gription) C C6 Conde Paint Finish Conde Paint Finish Code Paint Finish Conde Paint Finish Code Paint House Vith NEMA socket. (To accept standard NEMA Photocel)				.SE21	Side En	try 49/60n	ım						tolerance on flux of +/- 7% (typical
21 LOP2 Central Post 60mm "Wattage is determined by the lumen package selected." VB2 Cradle Mount 76mm				.CP1	Central	Post 76m	n						
Visit Cradle Mount Form Iumen package selected. Visit Cradle Mount Form Cradle Mount Form Visit Curved Mount 60mm Construct Galaxies CB2 Curved Mount 60mm Construct Galaxies Cd1 Smooth Grey (RAL2016) Construct Galaxies C4 Graphile (RAL7011) Construct Galaxies C5 Smooth Grey (RAL2035) Conde Paint Finish (option) C5 Conde Paint Finish (option) Conde Paint Finish (option) C4 Canplete with NEMA socket. (To accept standard NEMA Photocel) .T52 Complete with miniature 70 lux factory fitted photocell. (Zodion SS12) .T52A Complete with miniature 51 lux factory fitted photocell. (Zodion SS12A) .T52A Complete with miniature 51 lux factory fitted photocell Code Dimming outputs (option) .T52A Complete with miniature 51 lux factory fitted photocell Code Dimming sep customer requirements Code Code Sitter Code LAOAX LAOAX & LAOSS, LAOGS, LAOGS, Stel D LAOAX LAOAX & LAOSS, LAOGS, LAO				.CP2	Central	Post 60m	n						
AB2 Cradle Mount 60mm CB1 Curved Mount 60mm CB2 Curved Mount 60mm CB2 Curved Mount 60mm Code Colour (required) C1 Smooth White (RAL9016) .C4 Graphite (RAL7011) .C6 Smooth Grey (RAL7035) .C7 Black (RAL9005) .C9 Metallic Silver (RAL9005) .C9 Metallic Silver (RAL9005) .C6 Enhanced Paint Finish (option) .C Enhanced Paint Finish (option) .C Enhanced Paint Finish (option) .T1 Complete with NEMA socket. (To accept standard NEMA Photocel) .TSZA Complete with miniature 70 lux factory fitted photocell. (Zodion SS12) .TSZB Complete with miniature 55 lux factory fitted photocell. .TSZB Complete with miniature 55 lux factory fitted photocell. .C1/2 LED programmed to deliver 70% lumen flow over the life of the luminaire .CL3 ² .LBD .LAOSX, LAOSX, LAOSX, S2 LD .24 LO23 ST1 .24 LO23 ST1 .24 LO23 ST1 .24 LO23 ST1													
 Logan State Control Gomma Control Control												lamon paolago ociocida.	
Code Colour (required) .C1 Smooth White (RAL9016) .C4 Graphite (RAL7011) .C6 Smooth (Rey (RAL7035) .C7 Black (RAL9006) Code Paint Finish Code Photocell (option) .C Enhanced Paint Finish Code Dimming Vactory fitted photocell. (Zodion SS12) .TSZ Complete with miniature 70 lux factory fitted photocell. (Zodion SS12A) .TSZ Complete with miniature 55 lux factory fitted photocell. (Zodion SS12A) .TSZ Complete with miniature 50 lux factory fitted photocell. .LRD DALI enabled .LRT LRT .LRD DALI enabled .LRT LADSX, LADSX .Geo Code .CL2 LADSX, LADSX .LADSX, LADSX LADSX, LADSX .LADSX, LADSX LADSX, LADSX				.CB1	Curved Mount 76mm								
21 LO23 ST1 CP1 C9 LC1 Smooth White (RAL901) C4 Graphite (RAL701) C6 Smooth Grey (RAL7035) C7 Black (RAL9005) C7 Black (RAL9005) C0de Paint Finish (option) C Code Paint Finish C04 Finish (option) .C Enhanced Paint Finish Code Photocell (option) .C Code Paint Finish Code Debtocell (option) .T1 Complete with NEMA socket. (To accept standard NEMA Photocel) .TSZ Complete with miniature 75 lux factory fitted photocell. (Zodion SS12A) .TSZA Complete with miniature 35 lux factory fitted photocell. (Zodion SS12A) .TSZA Complete with miniature 35 lux factory fitted photocell .TSZB Complete with miniature 35 lux factory fitted photocell. (Zodion SS12A) .TSZA Complete with miniature 35 lux factory fitted photocell .CL2 LC2 LC3 LC4 LC4 LC5 LC6 Control Gear (option) .CL2 LC4 LC4 LC5 LC4 LC4 LC4 LC4 LC5 LC5 LC6 Portection .CL2 LC4 LC4 LC				.CB2	Curved	Mount 60	nm						
2.1 LO23 .ST1 .CP1 .C9 .C4 Graphite (RAL7011) .C6 Smooth Grey (RAL7035) .C7 Black (RAL9005) .C7 Black (RAL9005) .C7 Black (RAL9005) .C9 Metallic Silver (RAL9006) .C Enhanced Paint Finish .C6 Photocell (option) .C Enhanced Paint Finish .C Enhanced Paint Finish .C8 Complete with NEMA socket. (To accept standard NEMA Photocell. (Zodion SS12) .TSZ Complete with miniature 75 lux factory fitted photocell. (Zodion SS12A) .TSZB Complete with miniature 35 lux factory fitted photocell .Codice Dimming outputs (option) .LRT************************************					Code	Colour (required)						
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2X LO23 .ST1 CP1 C9 Metallic Silver (RAL9006) Code Paint Finish (option) .C Enhanced Paint Finish (option) .C Enhanced Paint Finish (option) .C .C Enhanced Paint Finish (option) .C .C Enhanced Paint Finish (option) .C .TSZ Complete with miniature 70 lux factory fitted photocell. (Zodion SS12) .TSZA .TSZB Complete with miniature 55 lux factory fitted photocell. (Zodion SS12A) .TSZA .TSZB Complete with miniature 55 lux factory fitted photocell. (Zodion SS12A) .TSZA .TSZB Complete with miniature 55 lux factory fitted photocell. (Zodion SS12A) .TSZA .TSZB Complete with miniature 55 lux factory fitted photocell. .Color Dimming 0utputs (option) .LRD DALI enabled .LRT***** Dimming as per customer requirements .Code Code Color Contol Gear (option) .CL2 ²² LED programmed to deliver 70% lumen flow over the life of the luminaire CL2 ²² .August .LA05X, LA05X, LA05X, LA05X, S2 LID					.C7		-						
Code Paint Finish (option) .C Enhanced Paint Finish .C Enhanced Paint Finish .C Enhanced Paint Finish .T1 Complete with NEMA socket. (To accept standard NEMA Photocel) .TSZ Complete with miniature 70 lux factory fitted photocell. (Zodion SS12) .TSZ Complete with miniature 35 lux factory fitted photocell. (Zodion SS12A) .TSZB Complete with miniature 35 lux factory fitted photocell. .TSZB Complete with miniature 35 lux factory fitted photocell. .TSZB Complete with miniature 35 lux factory fitted photocell. .TSZB Complete with miniature 35 lux factory fitted photocell. .TSZB Complete with miniature 35 lux factory fitted photocell. .Code Dimming as per customer requirements .Code Code .CL72 LED programmed to deliver 70% lumen flow over the life of the luminaire .CL32 LED programmed to deliver 90% lumen flow over the life of the luminaire .CL405X LA05X .A04X LA05X .LO23 .ST1 .CP1 .C9 .C .CL72 .L023 .ST1 .CP1 .C9 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td colspan="5"></td> <td></td>													
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Orde Photocell (option) .T1 Complete with NEMA socket. (To accept standard NEMA Photocel) .T2 Complete with miniature 70 lux factory fitted photocell. (Zodion SS12) .TSZA Complete with miniature 55 lux factory fitted photocell. (Zodion SS12A) .TSZB Complete with miniature 35 lux factory fitted photocell. (Zodion SS12A) .TSZB Complete with miniature 35 lux factory fitted photocell Ocde Dimming Outputs (option) .TSZB Code Ocde Dimming outputs (option) .LRD DALI enabled .LRT***** Dimming as per customer requirements Code Code Code Control Gear (option) .CL72 LED programmed to deliver 70% lumen flow over the life of the luminaire .CL92 LED programmed to deliver 90% lumen flow over the life of the luminaire .CL92 LED programmed to deliver 90% lumen flow over the life of the luminaire .CL1023 .ST1 .CP1 .C9 .C .T1 .L023 .ST1 .CP1 .C9 .C .T1 .LRD .CL72 .CII .C-PROTEC													
2X LAOAX LAOAX LAOAX, LAOSX, LAOSX, LAOSX, LADSX LAI2X & LAISX LAI2X & LAISX S2 LED (2 x 8 LED) Coll Class II Code Protection CL .L023 .ST1 .CP1 .C9 .C .T1 .LRD .CL72 .CII .C-PROTEC Overvoltage protection .CL72 .CII .CL72 .CII .C-PROTEC Overvoltage .ST1 .CP1 .C9 .C .T1 .LRD .CL72 .CII .C-PROTEC													
2X LAQAX LAQAX LAGSX, LAQGX, LAGSX, LAGSX, LAGSX, CL3 LAI2X & LAI5X 24.LED LCZ3 .ST1 .CP1 .C9 .C .T1 .LRD .CL72 .CII .C-PROTEC Overvoltage protection Code Joint Code .ST1 .CP1 .C9 .C .T1 .LRD .CL72 .CII .C-PROTEC VW126 .ST1 .CP1 .C9 .C .T1 .LRD .CL72 .CII .C-PROTEC													
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Code Control Gear (option) CL .LO23 .ST1 .CP1 .C9 .C .T1 .LRD .CL72 .CIP .CPROTEC Code Control Gear (option) .CL72 .LED programmed to deliver 70% lumen flow over the life of the luminaire .CL9 LA05X, LA06X, LA06X, LA05X, LA05X, LA05X, LA05X, LA05X, LA05X, LA05X, S2 LED .CL92 LED programmed to deliver 90% lumen flow over the life of the luminaire .CL9 .CL9 .CC2 .CL92 .CL9 .CL92 .CL9 .C2 x 8 LED .22 LED .CA05X, LA06X, LA05X, 52 LED .C17 .desh .C2 x 16 LED													
2X LAO4X LAO5X, LAO6X, LAO6X, LAO5X, LA							.LRI				rements		
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Image: Second			-										
Code Electrical Class 2X LA04X LA05X, LA06X, LA12X & LA15X 16 LED Jack LA07X & LA05X, LA06X, LA12X & LA15X 16 LED Jack LA07X & LA05X, LA06X, LA12X & LA15X 16 LED Jack LA07X & LA05X, LA06X, LA12X & LA15X 16 LED Jack LA07X & LA05X, LA06X, LA12X & LA15X 16 LED Jack LA07X & LA05X, LA06X, LA12X & LA15X 16 LED Jack LA05X, LA06X, LA12X & LA15X 17 LED Jack LA05X, LA06X, LA12X & LA15X 18 LED Jack LA05X, LA06X, LA12X & LA15X 19 LED Jack LA05X, LA06X, LA12X & LA15X 10 LED modules, Jack LA05X, LA06X, LA12X & LA15X 10 LED Modules, Jack LA05X, LA06X, LA12X & LA15X 10 LED Modules, Jack LA05X, LA06X, LA12X & LA15X 10 LED Modules, Jack LA05X, LA06X, LA12X & LA15X 10 LED Modules, Jack LA05X, LA06X, LA12X & LA15X 10 LED Modules, Jack LA05X, LA06X, LA12X & LA15X 10 LED Modules, Jack LA05X, LA06X, LA12X & LA15X 10 LED Modules, Jack LA05X, LA05X, LA05X, LA05X, LA12X & LA15X 10 LED Modules, Jack LA05X, LA05X, LA05X, LA05X, LA12X & LA15X, LA12X			- A							-			
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Description 16 LED 14 LED LA07X & LA09X 52 LED 32 LED 16 LED (2 x 16 LED modules) 16 LED modules & 2 x 10 LED modules) 17 LRD 17 LRD 17 CL7 ² 18 CH 10 CH	2X	LAC)4X	LA05X	, LA06X.	LA12X & L	A15X			.011		Protection	
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Image: modules LED modules Modules W019 to 19W to 126W W019 to .W019 to .W019 to .W019 to .W126 .W126	4 LED	(2 x	8 LED		LED		x 10				.U-FRUIEC		
L L023 .ST1 .CP1 .C9 .C .T1 .LRD .CL7 ² .CII .C-PROTEC .W126	ules) mo	THOC	ules)										
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		1000	CT1	CP1	0	C	т1		27.12	CII			

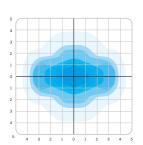
OcityMAX.



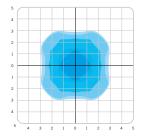
Distributions



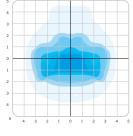
Symmetric Long (.ST1)

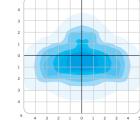


Symmetric Long (.ST2)



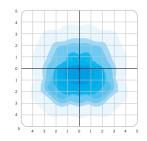
Symmetric Long (.ST3)





Long & Narrow (.AS1)

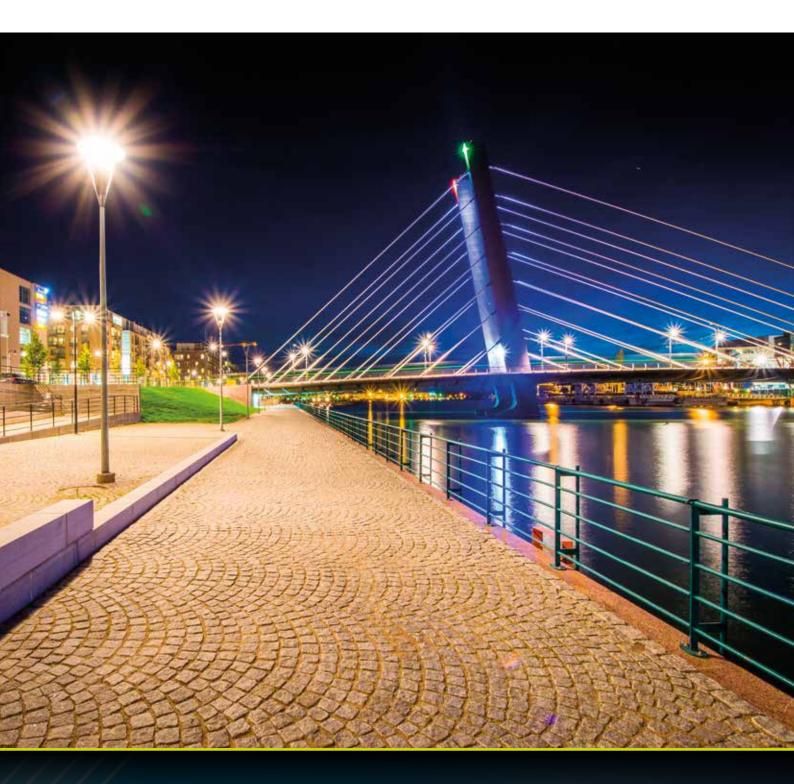
Asymmetric (.AS2)



Asymmetric (.AS3)









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Holophane Europe Limited Bond Avenue, Bletchley, Milton Keynes MK1 1JG United Kingdom Telephone: +44 (0) 1908 649292 UK Fax: +44 (0) 1908 367618 International Fax: +44 (0) 1908 363789 E-mail: info@holophane.co.uk

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