



HOLOPHANE®



S Line / R Line

Innovation and efficiency



Registered European design / Patented design

S LINE

R LINE

The 'Line' range from Holophane has a variety of options which have been developed specifically for street lighting environments. The system offers exceptional optical performance, thermal management, flexibility and efficiency.

RESIDENTIAL STREETS	RESIDENTIAL ROADS	PATHWAYS & CUL-DE-SAC
		
RURAL ROADS	RESIDENTIAL ZONES SHARED ZONES, COMMERCIAL STREETS	STREETS, PATHS AND CYCLE PATHS

 S LINE R LINE

Innovation and efficiency

The 'Line' range from Holophane is a family of luminaires developed to deliver an innovative and modern lighting system for a range of street lighting applications.

The product design process at Holophane focuses on making the most efficient and reliable technology a reality. This aspiration has resulted in developments with a lasting impact. In other words, our work ensures that we are delivering the latest technologies with class leading quality. With the introduction of the new 'Line' range of luminaires we are continuing this trend. Low profile styling, adaptable mounting design and customised optics that allow for maximum column spacing, lighting and uniformity mean that the 'Line' range delivers the complete street lighting solution.

optics / light source

- > Available with a variety of optical packages
- > Lumen packages ranging from 1,000 to 19,000 lumens
- > 4000°K or 3000°K. colour temperature. 2700°K or Amber available on request
- > 100,000 hours life (L90B10) at 25°C tq
- > +/- 10° tilting (2.5° increments)

Our products are just one part of our sustainability efforts, with the 4 pillars of our eco-design which constantly push us to create the most sustainable products that reduce our own environmental impact.



approvals

CE

IP 66 light engines (BS EN 60598-1)
IP 66 gear compartment (BS EN 60598-1)

Ta -40°C to +50°C

IK10 (EN 62262)

For further information please visit the Holophane website
www.holophane.co.uk



R-Line

performance characteristics



R-Line

R LINE

Lumen range: 4,000 to 19,000

Power Consumption: 28W to 134W

Lifetime: 100,000 @ L90B10 25°C tq

Colour Temperature: 3000°K or 4000°K, 2700°K or Amber available on request

CRI: 70

Optical IP Rating: IP66

Housing IP Rating: IP66

Impact Resistant: IK10

Controls Options: DALI, Integrated Wireless controls, Part Night Dimming, Constant Lumen Output, CMS and 3/7 pin NEMA sockets

Electrical Class: Class I or II

Weight: 5kg

Material:

Body: High pressure die-cast aluminium (LM6)

Adapter: High pressure die-cast aluminium (LM6)

Optic: 5mm tempered glass lens (when option .G selected)

Mounting:

Post Top 76mm/60mm Side Entry

34mm/42mm/60mm

Tilting: +/- 10° tilt. (2.5° increments)

S LINE

Lumen range: 1,000 to 10,000

Power Consumption: 6W to 68W

Lifetime: 100,000 @ L90B10 25°C tq

Colour Temperature: 3000°K or 4000°K, 2700°K or Amber available on request

CRI: 70

Optical IP Rating: IP66

Housing IP Rating: IP66

Impact Resistant: IK10

Controls Options: DALI, Integrated Wireless controls, Part Night Dimming, Constant Lumen Output, CMS and 3/7 pin NEMA sockets.

Electrical Class: Class I or II

Weight: 4kg

Material:

Body: High pressure die-cast aluminium (LM6)

Adapter: High pressure die-cast aluminium (LM6)

Optic: 4mm tempered glass lens (when option .G selected)

Mounting:

Post Top 76mm/60mm Side Entry

34mm/42mm/60mm

Tilting: +/- 10° tilt. (2.5° increments)

features and benefits

Installation/Maintenance

Convenient luminaire access from the top, via captive screw. The LED light engine is separate from the driver, which encourages heat dissipation by way of conduction.



Accessibility

Cast aluminium (LM6) cover hinging upwards to allow ease of access during installation and maintenance.

Robust

Protective vent gland that manages the internal pressure supporting long service life, increasing reliability, and preventing deformations that could cause component failure.

Dual cable entry

Dual glanded M20 cable entry for controls and powers. Allows flexibility during installation whilst maintaining the integrity of the luminaire housing.

Safety

Safety strap supplied as standard on all post top mounted versions to ensure cover does not 'fold back' during installation/maintenance. Stay arm, available as an option, for easy maintenance on-site.

LED Driver

Thermally managed LED drivers with a range of control and drive current options

Material and finish

Housing, cover and mounting bracket are manufactured from high quality, low copper content aluminium (LM6). The quality of the materials and coating process used ensures a product with a long mechanical life.

Optical distribution

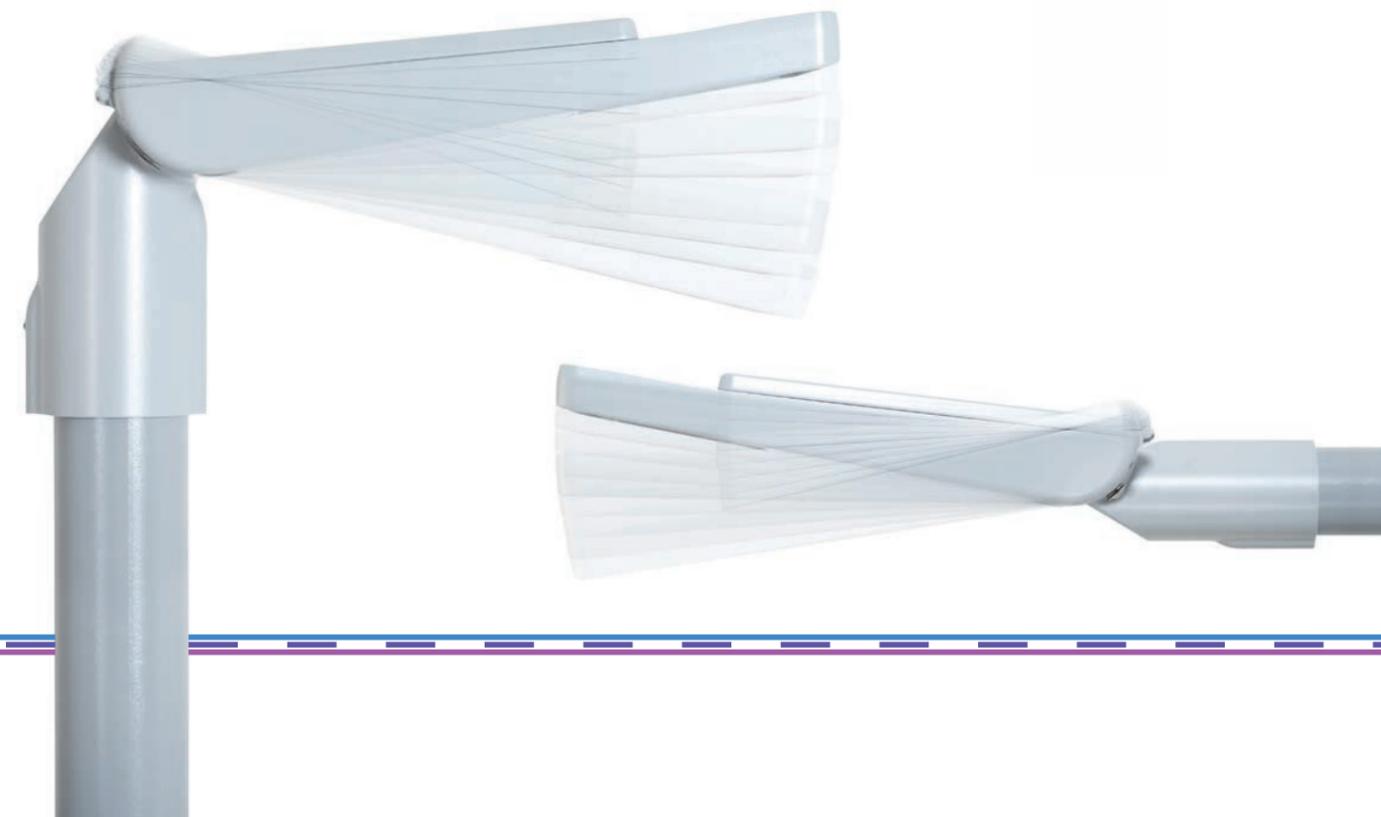
State-of-the-art optics available to deliver a variety of different distributions.

LED modules

The S-Line & R-Line luminaires include state-of-the-art LED light engines to ensure maximum efficacy. The two different luminaire sizes deliver different lumen packages, ranging from 1,000 to 17,000 lumens.

Tilt Options

The design of S-Line and R-Line allows on site -10° to 10° tilting via the two adjustable mounting bolts. Adjusting is aided via the indents on the outer casting that guides the adapter to the desired titling angle.



Enclosure - IP66

In accordance with BS EN 60598-1, IP66 luminaire enclosure has been achieved. A series of bespoke seals designed for the luminaire ensure that the IP66 seal is maintained.

Impact rating - IK10

In accordance with EN 62262, IK10 impact protection rating has been achieved. Maximum protection to ensure the projected life of the luminaire is maintained. The IK10 rating is achieved via the 4mm/5mm thick tempered glass lens.



Control

Using programmable gear, DALI protocol, the lighting is managed in a more efficient manner, minimising consumption and maximising performance. Available as part of an Integrated wireless controls system.



Mounting Arrangements

Suitable for post top (76mm/60mm) and side entry (60mm/42mm/34mm) mounting arrangements.



Electrical class

Available in CI and CII.



Pressure equalisation valve

The luminaire 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.



Overvoltage surge protector

S-Line and R-Line can be specified to include an overvoltage protection system, that protects the electronic parts of the luminaire against overvoltage of up to 10KV/KA.



Specification

The luminaire consists of a die cast LM6 aluminium housing ((EN AC-44100)(AL.Si12)) which is sealed to IP66 with a close cell gasket and M5 stainless steel fastener that also allows access to the gear compartment for electrical termination. LED modules with individual lenses, are mounted directly to the die cast LM6 aluminium housing to aid heat dissipation. The luminaire is also available with a 4mm (S-Line)/5mm (R-Line) tempered glass lens, which is secured to the housing via 4 (S-Line) or 6 (R-Line) stainless steel clips, to deliver an IK10 impact resistance. The luminaire is suitable for post mounting (60/76mm) and side entry (34/42/60mm) with the ability to adjust onsite by -10° to $+10^{\circ}$ tilt*. 3000K or warmer must be selected for IDA dark sky certification.

Features and benefits

Sleek Design

- > Slim design with a range of lumen packages that can be adapted dependent on the required lighting performance thus ensuring visual and performance consistency for a variety of street lighting schemes.
- > Suitable for post top or side entry mounting without the requirement for an additional bracket.

Enhanced Thermal Management

- > LED modules and electronic driver are mounted in direct contact with die cast housing to aid heat dissipation by way of conduction and extend the life of all critical electronic components.

High Efficiency LED Technology

- > High quality, highly efficient, LEDs used in conjunction with the latest LED drivers ensures that superior lumens per watt and a long system life are achieved.

Fully Controllable Luminaire

- > Developed to offer standalone flexibility for constant lumen output, variable lighting levels and part time regimes.
- > Available with DALI controls option.
- > Compatible with Holophane controls system.



*Restrictions apply on selected mounting options



performance example



Single-sided

Pathways & Cul De Sac (P5)

Lighting Class: BS5489 2013 (P5)

Scheme Dimensions:

Mounting Height: 6m
Road Width: 9.5m
Footpath: 2m

Set-Up: Single Sided

Tilt: 0°

Outreach: 0.40m (Luminaire post top mounted)
Column Position: Rear of footpath (2m)

Performance Achieved:

U/O (Emin/Eav): 0.26
Average Illuminance (Eav): 2.09

Minimum Illuminance (Emin): 0.52

Spacing: 40m

Luminaire Performance:

Delivered Lumens: 1513
LPW: 116
Energy Consumption: 13W



Staggered

Pathways & Cul De Sac (P5)

Lighting Class: BS5489 2013 (P5)

Scheme Dimensions:

Mounting Height: 6m
Road Width: 11.5m
Footpath: 2m

Set-Up: Staggered

Tilt: 0°

Outreach: 0.40m (Luminaire post top mounted)
Column Position: Rear of footpath (2m)

Performance Achieved:

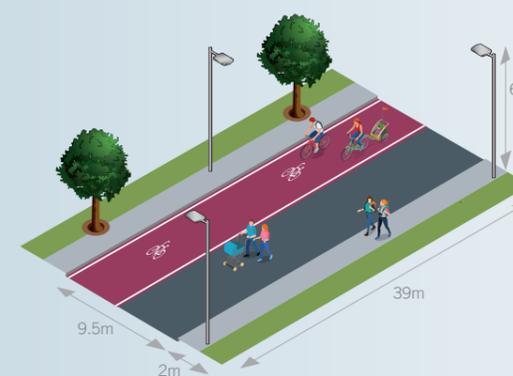
U/O (Emin/Eav): 0.26
Average Illuminance (Eav): 2.09

Minimum Illuminance (Emin): 0.49

Spacing: 39m

Luminaire Performance:

Delivered Lumens: 1513
LPW: 116
Energy Consumption: 13W



Residential Roads (P3)

Lighting Class: BS5489 2013 (P3)

Scheme Dimensions:

Mounting Height: 6m
Road Width: 11.5m
Footpath: 2m

Set-Up: Single Sided

Tilt: 0°

Outreach: 0.40m (Luminaire post top mounted)
Column Position: Rear of footpath (2m)

Performance Achieved:

U/O (Emin/Eav): 0.34
Average Illuminance (Eav): 6.04

Minimum Illuminance (Emin): 2.06

Spacing: 35m

Luminaire Performance:

Delivered Lumens: 4303
LPW: 127
Energy Consumption: 34W



Residential Roads (P3)

Lighting Class: BS5489 2013 (P3)

Scheme Dimensions:

Mounting Height: 6m
Road Width: 11.5m
Footpath: 2m

Set-Up: Staggered

Tilt: 0°

Outreach: 0.40m (Luminaire post top mounted)
Column Position: Rear of footpath (2m)

Performance Achieved:

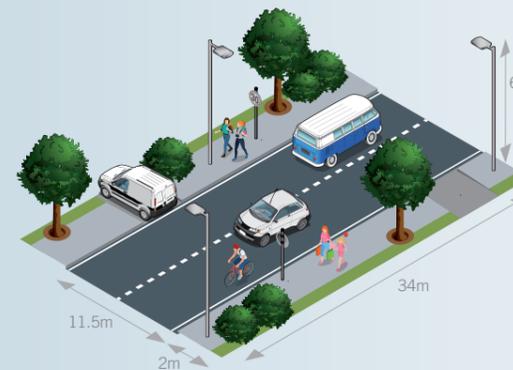
U/O (Emin/Eav): 0.24
Average Illuminance (Eav): 6.33

Minimum Illuminance (Emin): 1.27

Spacing: 34m

Luminaire Performance:

Delivered Lumens: 4326
LPW: 127
Energy Consumption: 34W



Residential Street (P4)

Lighting Class: BS5489 2013 (P4)

Scheme Dimensions:

Mounting Height: 6m
Road Width: 11.5m
Footpath: 2m

Set-Up: Single Sided

Tilt: 0°

Outreach: 0.40m (Luminaire post top mounted)
Column Position: Rear of footpath (2m)

Performance Achieved:

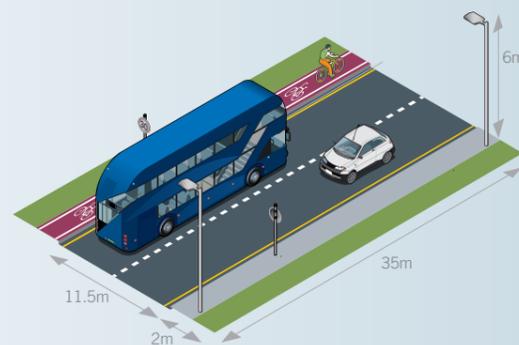
U/O (Emin/Eav): 0.26
Average Illuminance (Eav): 3.81

Minimum Illuminance (Emin): 0.88

Spacing: 38m

Luminaire Performance:

Delivered Lumens: 3030
LPW: 132
Energy Consumption: 23W



Residential Street (P4)

Lighting Class: BS5489 2013 (P4)

Scheme Dimensions:

Mounting Height: 6m
Road Width: 11.5m
Footpath: 2m

Set-Up: Staggered

Tilt: 0°

Outreach: 0.40m (Luminaire post top mounted)
Column Position: Rear of footpath (2m)

Performance Achieved:

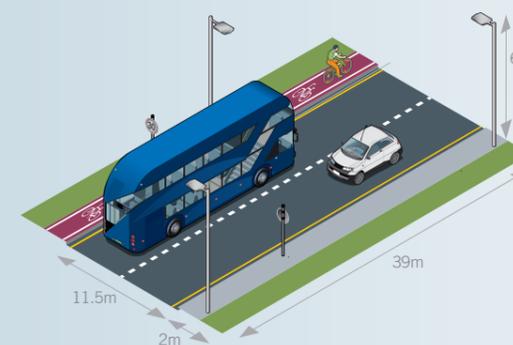
U/O (Emin/Eav): 0.26
Average Illuminance (Eav): 3.81

Minimum Illuminance (Emin): 0.97

Spacing: 39m

Luminaire Performance:

Delivered Lumens: 3030
LPW: 132
Energy Consumption: 23W



connected solutions

The LINE family comes prepared for the next generation of controls solutions and technologies.

Available with either NEMA or ZD4i compliant Zhaga sockets, V-MAX can be utilised with a wide range of sensors, devices and communication nodes.

Available with:
Standard 3, 5, & 7-pin NEMA socket options as well as D4i 4-pin where approved.



axora™
connect to innovate

Enabling smart lighting, the smart town, the smart city.

axora™ enables intelligent lighting and connected infrastructure leveraging next generation connectivity that delivers a solution that integrates wireless networking connectivity and the power of cloud computing to ensure that energy and operational savings are maximised.

A simple solution for small to large challenges

simple:

axora™ delivers advanced asset management, performance analytics and control capabilities to improve energy efficiency, operational insights and optimise lighting system performance across a city.

From local to city-wide deployments

scalable:

axora™ is a highly scalable system that can adapt and expand to the needs and requirements of your lighting network as it grows. From local to city-wide deployments and beyond are all within the capability of the axora solution.

A platform you can trust. Proven reliability and security for your city

secure:

In 2017 Holophane selected Itron as its technical partner to enable the axora solution. This was based on Itron's global experience and the technical performance of the platform, which leads the market in terms of energy saving, security, resilience, flexibility and vendor choice.

Itron are a global leader in connected intelligent street lighting, and the platform is used to connect over 4 million lights globally in 100s of communities. These partnerships deliver the smart foundation that enables local authorities to build out an anchor application of streetlight control using a robust and class leading mesh radio network, whilst providing the scope and technology to add in further sensors types and SMART City devices.

axora™ incorporates end to end security using industry standard AES-256 encryption and scalable X.509 public key infrastructure you can be sure that your city data and communications are always secure.

axora is Elexon approved.

1 axora.Connect

axora.Connect: smart photocells are placed on existing lighting points in your city. Every smart photocell contributes to the creation of a wireless canopy, the foundation of your smart-city.



2 axora.Access

axora.Access is the gateway for your axora.Connect: Smart devices. It actively manages the communication between all devices on the axora network and sends information to the axora.Vision platform.



3 axora.Vision

axora.Vision is the platform that controls and monitors your smart-city. It provides data analytics and insights for every lighting asset, smart sensor and device on the axora network.

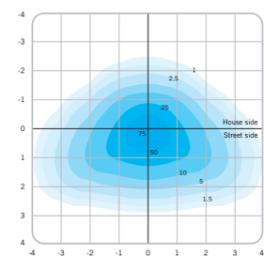


distributions

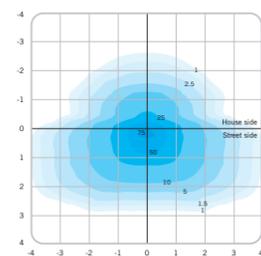


S-Line

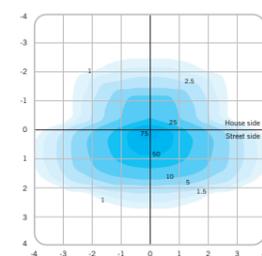
Type III



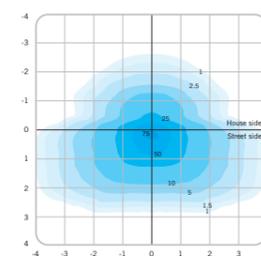
Q1 (Type III Short)



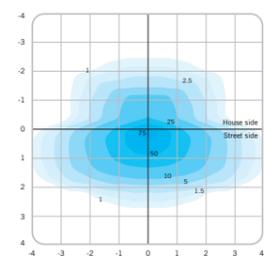
R3 (Type III Short)



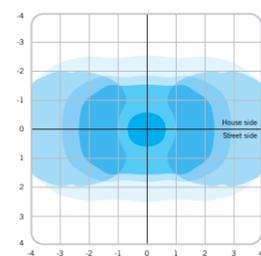
2S (Type III Short)



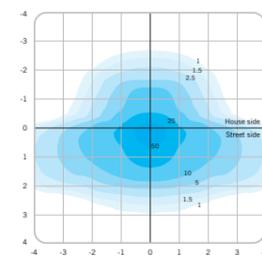
AY (Type III Short)



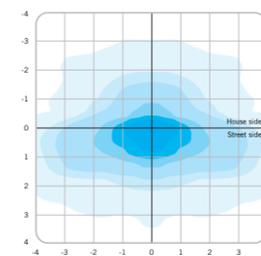
HN (Type III Short)



5R (Type III Medium)

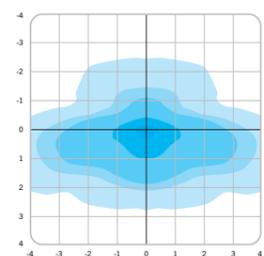


A2 (Type III Medium)



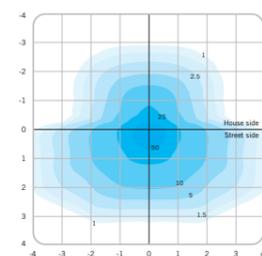
R2 (Type III Medium)

Type II

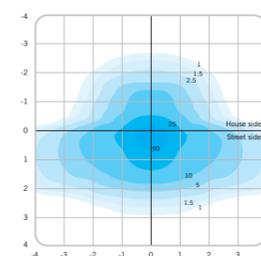


NR (Type II Medium)

Type IV



A4 (Type IV Medium)



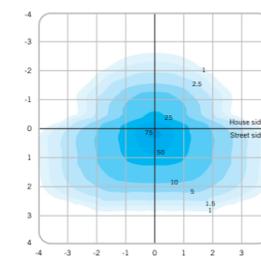
HA (Type IV Medium)

ANSI Roadway Lighting Standards.

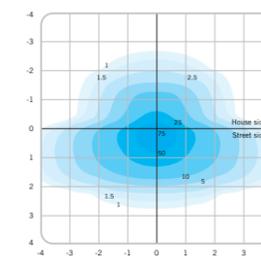
The ANSI Roadway Lighting Series of standards addresses the variety of possible solutions available when it comes to roadway and area lighting

R-Line

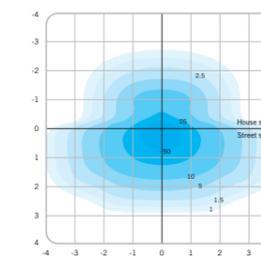
Type III



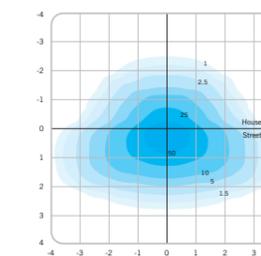
R3R3 (Type III Short)



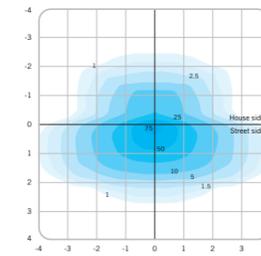
2SA2 (Type III Short)



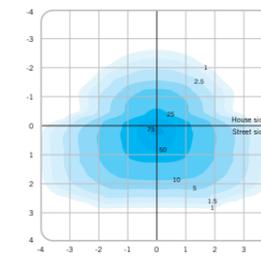
2SA4 (Type III Short)



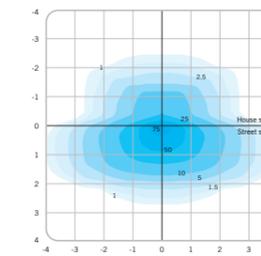
2SQ1 (Type III Short)



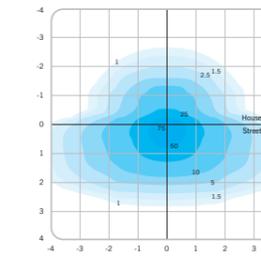
2S2S (Type III Short)



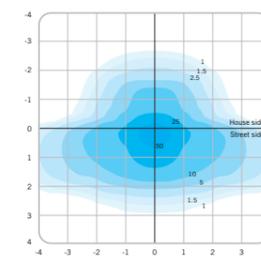
AY (Type III Short)



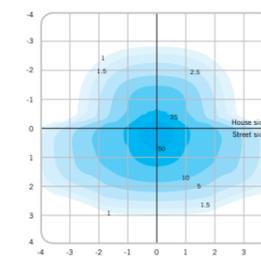
HN (Type III Short)



A2R3 (Type III Medium)

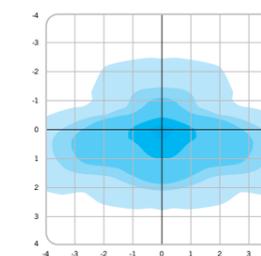


A2A2 (Type III Medium)



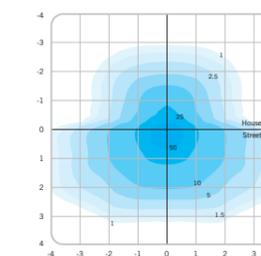
A4A2 (Type III Medium)

Type II



NR (Type II Medium)

Type IV



A4A4 (Type IV Medium)

ANSI Roadway Lighting Standards.

The ANSI Roadway Lighting Series of standards addresses the variety of possible solutions available when it comes to roadway and area lighting

technical specifications



Weight

(with control gear)

S-Line (SLI)	4kg
R-Line (RLI)	5kg

Windage

(effective projected area)

S-Line Post top	0.0297m ²
S-Line Side entry	0.0350m ²

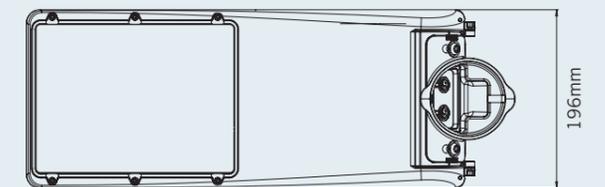
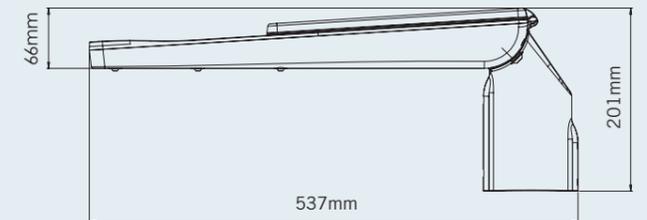
R-Line Post top	0.0354m ²
R-Line Side entry	0.0407m ²

Ta

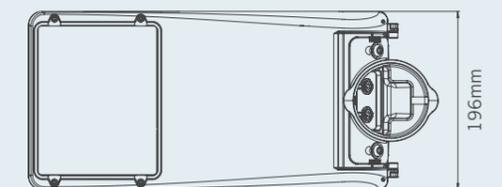
-40°C to 50°C



R-Line



S-Line



Note: The specifications of the Holophane luminaire represents typical values. All descriptions, illustrations, drawings and specifications in the Holophane catalogue and website represent only general particulars of the goods to which they apply and shall not form part of any contract. The company reserves the right to change specifications at its discretion without prior notification or public announcement.

Code		Luminaire (required)	
RLI	R-Line Luminaire		
Code		Series (required)	
.1	Series 1		
.2	Series 2		
Code		Lamp Type (required)	
.LA04X	LED light engine producing c.4,000 lm with a nominal 3000K or 4000K colour temperature**	<div style="border: 1px solid black; padding: 5px; width: fit-content;">Replace X with 3 for 3000K or 4 for 4000K</div> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin-top: 10px;">Available in 2700K and Amber upon request</div>	
.LA05X	LED light engine producing c.5,000 lm with a nominal 3000K or 4000K colour temperature		
.LA06X	LED light engine producing c.6,000 lm with a nominal 3000K or 4000K colour temperature		
.LA07X	LED light engine producing c.7,000 lm with a nominal 3000K or 4000K colour temperature**		
.LA08X	LED light engine producing c.8,000 lm with a nominal 3000K or 4000K colour temperature		
.LA09X	LED light engine producing c.9,000 lm with a nominal 3000K or 4000K colour temperature**		
.LA10X	LED light engine producing c.10,000 lm with a nominal 3000K or 4000K colour temperature**		
.LA11X	LED light engine producing c.11,000 lm with a nominal 3000K or 4000K colour temperature**		
.LA12X	LED light engine producing c.12,000 lm with a nominal 3000K or 4000K colour temperature**		
.LA13X	LED light engine producing c.13,000 lm with a nominal 3000K or 4000K colour temperature**		
.LA14X	LED light engine producing c.14,000 lm with a nominal 3000K or 4000K colour temperature**		
.LA15X	LED light engine producing c.15,000 lm with a nominal 3000K or 4000K colour temperature**		
.LA16X	LED light engine producing c.16,000 lm with a nominal 3000K or 4000K colour temperature**		
.LA17X	LED light engine producing c.17,000 lm with a nominal 3000K or 4000K colour temperature**		
Code		Optics (required)	
.AY	Asymmetric light distribution (Type III Short)*		
.HN	High beam long and narrow light distribution (Type III Short)*		
.NR	Long and narrow light distribution*		
.R3R3	R3R3 (Type III Short) optical setting**		
.2S2S	2S2S (Type III Short) optical setting**		
.2SA2	2SA2 (Type III Short) optical setting**		
.2SQ1	2SQ1 (Type III Short) optical setting**		
.2SA4	2SA4 (Type III Short) optical setting**		
.A2R3	A2R3 (Type III Medium) optical setting**		
.A2A2	A2A2 (Type III Medium) optical setting**		
.A4A2	A4A2 (Type III Medium) optical setting**		
.A4A4	A4A4 (Type IV Medium) optical setting**		
Code		Lens (Option)	
.G	Glass lens		
Code		Version (Option)	
.PC	Polycarbonate lens**		
Code		Fixing Method (required)	
.PT1	Post top 76/60mm only		
.PT2	Post top 60mm only		
.SE1	34/42mm side entry mounting (using internal reducer)		
.SE2	60mm side entry mounting only		
.SE3	34/42mm side entry mounting		
Code		Colour (required)	
.C1	White (RAL9016)		
.C4	Graphite (RAL7011)		
.C6	Grey (RAL7035)		
.C7	Black (RAL9005)		
.C9	Metallic Silver (RAL9006)		
.RAL****	RAL Colour (Customer choice)		
Code		Paint Finish (option)	
.C	Enhanced Paint Finish		
Code		Auxiliary Circuits (option)	
.CII	Class II		
Code		Photocell (option)	
.T1	With NEMA socket. (To accept standard NEMA Photocell, available from Holophane).		
.T7***	Complete with 7-pin dimming NEMA ANSI C136.41 socket		
.T7T***	Complete with 7-pin dimming NEMA ANSI C136.41 socket with weather proof locking top		<div style="border: 1px solid black; padding: 2px; font-size: small;">suitable photocell/node</div>
.TSZ*	Complete with miniature 70 lux factory fitted photocell. (Zodion SS12B) ^{applied by others}		
.TSZA+	Complete with miniature 55 lux factory fitted photocell. (Zodion SS12A)		
.TSZB+	Complete with miniature 35 lux factory fitted photocell. (Zodion SS12B)		
Code		Dimming Outputs (option)	
.LRD	DALI electronic control gear		
.LRT56	Pre-set to dim to 50% between 12am to 6am		
.LRT66	Pre-set to dim to 60% between 12am to 6am		
.LRT76	Pre-set to dim to 70% between 12am to 6am		
.LRT*****	Dimming as per customer requirements		
Code		Control Gear (option)	
.CL7	Programmed to deliver 70% of the initial lumens over life of luminaire.		
.CL8	Programmed to deliver 80% of the initial lumens over life of luminaire.		
.CL9	Programmed to deliver 90% of the initial lumens over life of luminaire.		
.CL****	Customer specified programming		
Code		Voltage (option)	
.C-PROTEC	With 10kV / 10kA surge protection		
Code		Flying Lead (option)	
.FL431 to	4 metres of 1.5mm ² 3 core single cable "flex"		
.FL1431	14 metres of 1.5mm ² 3 core single cable "flex"		
.FL432 to	4 metres of 1.5mm ² 3 core double cable "flex"		
.FL1432	14 metres of 1.5mm ² 3 core double cable "flex"		
.FL451 to	4 metres of 1.5mm ² 5 core single cable "flex"		
.FL1451	14 metres of 1.5mm ² 5 core single cable "flex"		
.FL4312 to	4 metres of 2.5mm ² 3 core single cable "flex"		
.FL14312	14 metres of 2.5mm ² 3 core single cable "flex"		
.FL4322 to	4 metres of 2.5mm ² 3 core double cable "flex"		
.FL14322	14 metres of 2.5mm ² 3 core double cable "flex"		<div style="border: 1px solid black; padding: 2px; font-size: small;">max length catered for</div>
Code		Cable Type (option)	
.AR	Arctic cable		
Code		Label (option)	
.GR	Green		
.BL	Blue		
.BK	Black		
.RE	Red		
.YE	Yellow		
.WH	White		
Code		Suspension (option)	
.ST	Stay arm (for luminaire door)		
Code		Wattage (required)****	
.W028 to	28W		
.W140	140W		
.W028			

Example

Notes: * Only available with Series 1. ** Only available with Series 2. *** Must be configured with .LRD. **** Wattage range is determined by the lumen package selected. + Not available with CII. Lumen data is considered to be representative of the configuration shown, and may vary, with a tolerance on flux of +/- 7% (typical of LED manufacturer's data) and luminaire power of +/- 5%.

Code		Luminaire (required)	
SLI	S-Line Luminaire		
Code		Series (required)	
.1	Series 1		
.2	Series 2		
Code		Lamp Type (required)	
.LA01X	LED light engine producing c.1,000 lm with a nominal 3000K or 4000K colour temperature	<div style="border: 1px solid black; padding: 5px; width: fit-content;">Replace X with 3 for 3000K or 4 for 4000K</div> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin-top: 10px;">Available in 2700K and Amber upon request</div>	
.LA02X	LED light engine producing c.2,000 lm with a nominal 3000K or 4000K colour temperature		
.LA03X	LED light engine producing c.3,000 lm with a nominal 3000K or 4000K colour temperature		
.LA04X	LED light engine producing c.4,000 lm with a nominal 3000K or 4000K colour temperature		
.LA05X	LED light engine producing c.5,000 lm with a nominal 3000K or 4000K colour temperature**		
.LA06X	LED light engine producing c.6,000 lm with a nominal 3000K or 4000K colour temperature**		
.LA07X	LED light engine producing c.7,000 lm with a nominal 3000K or 4000K colour temperature**		
.LA08X	LED light engine producing c.8,000 lm with a nominal 3000K or 4000K colour temperature**		
.LA09X	LED light engine producing c.9,000 to 10,000 lm with a nominal 3000K or 4000K colour temperature**		
Code			
.AY	Asymmetric light distribution (Type III Short)*		
.HN	High beam long and narrow light distribution (Type III Short)*		
.HA	High beam asymmetric light distribution (Type IV Medium)*		
.NR	Long and narrow light distribution*		
.2S	2S (Type III Short) optical setting**		
.5R	5R (Type III Medium) optical setting**		
.Q1	Q1 (Type III Short) optical setting**		
.R3	R3 (Type III Medium) optical setting**		
.A2	A2 (Type III Medium) optical setting**		
.R2	R2 (Type III Medium) optical setting**		
.A4	A4 (Type IV Medium) optical setting**		
Code		Lens (Option)	
.G	Glass lens		
Code		Version (Option)	
.PC	Polycarbonate lens**		
Code		Fixing Method (required)	
.PT1	Post top 76/60mm only		
.PT2	Post top 60mm only		
.SE1	34/42mm side entry mounting (using internal reducer)		
.SE2	60mm side entry mounting only		
.SE3	34/42mm side entry mounting		
Code		Colour (required)	
.C1	White (RAL9016)		
.C4	Graphite (RAL7011)		
.C6	Grey (RAL7035)		
.C7	Black (RAL9005)		
.C9	Metallic Silver (RAL9006)		
.RAL****	RAL Colour (Customer choice)		
Code		Paint Finish (option)	
.C	Enhanced Paint Finish		
Code		Auxiliary Circuits (option)	
.CII	Class II		
Code		Photocell (option)	
.T1	With NEMA socket. (To accept standard NEMA Photocell, available from Holophane).		
.T7***	Complete with 7-pin dimming NEMA ANSI C136.41 socket		
.T7T***	Complete with 7-pin dimming NEMA ANSI C136.41 socket with weather proof locking top		<div style="border: 1px solid black; padding: 2px; font-size: small;">suitable photocell/node</div>
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Code		Label (option)	
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.BL	Blue		
.BK	Black		
.RE	Red		
.YE	Yellow		
.WH	White		
Code		Suspension (option)	
.ST	Stay arm (for luminaire door)		
Code		Wattage (required)****	
.W006 to	6W		
.W060	60W		
.W006			

Example

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SUSTAINABILITY ENVIRONMENTAL



AN ECO DESIGN THAT IS SUSTAINABLE WITHIN.

Our products are just one part of our sustainability efforts, with the 4 pillars of our eco-design which constantly push us to create the most sustainable products that reduce our own environmental impact.

Pillar One Sustainable we make more with less

How are we doing it?

- To make use of recycled materials where we can
- Reducing unnecessary materials, weight and component count
- Only using components that can be used in other luminaires
- Reduce labour time and energy usage during the manufacturing process

Pillar Three Serviceable we ensure product longevity

All of our products are:

- Upgradable
- Simple in design
- Ensure easy access to internal components
- Spares are easily available to enable customer servicing and repair

Pillar Two Scalable we tailor the product for application

We offer:

- Products that are scalable to accommodate new features
- Form-factor sizing for each application to help reduce material waste
- Flexible mounting options

Pillar Four Separable we are committed to global sustainability

Our products are:

- Environmentally friendly
- Recyclable
- Easy to disassemble, making materials used easy to separate



For information on our EarthLIGHT initiative please scan the QR code



CIRCULAR ECONOMY TM66

Holophane's ambitious sustainability efforts have set us on the path to obtaining several accreditations with the LIA and CIBSE's TM66 which allows us to rate our products and follow a method that designs out waste.

The traditional resource consumption model is linear, where raw material is collected to make products, then often thrown away once they have served their purpose.

CIBSE's TM66 allows us to rate our products and follow a method to design out waste, maximise value and improve maintenance so that our luminaires can be repaired, recycled and re-used.



2.5 to 4.0	Excellent circularity
1.5 to 2.5	Definite/substantial progress to circularity
0.5 to 1.5	Some circular economy functionality
0 to 0.5	Very poor circular economy performance

S Line / R Line



Speak to the Holophane experts today

Get in touch to discover how, together, we can ensure your lighting space works for you and the planet.

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