S-Line Series

The S-Line Series 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.

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.

PERFORMANCE SUMMARY

- Lumen range: 1,000 to 8,000
- Power Consumption: 6W to 68W
- Lifetime: 100,000 @ L90B10 25°C tq
- Colour Temperature: 3000°K or 4000°K
- CRI: 70
- Optical IP Rating: IP66
- Housing IP Rating: IP66
- Impact Resistent: IK10
- Controls Options:
  DALI*, Integrated Wireless controls, Part Night Dimming, Constant Lumen Output,
- CMS and 3/5/7 pin* NEMA sockets
- Electrical Class: Class I* or II
- Weight: 4kg
- Body: High pressure die-cast aluminium (LM6)
- Adapter: High pressure die-cast aluminium (LM6)
- Optic: 4mm tempered glass lens
- Mounting:
  Post Top 76mm/60mm
  Side Entry 34mm/42mm*/60mm
- Tilting: +/- 10° tilt. (2.5° increments)

  *Standard. Other options available on request.

S-Line Series

FEATURES & 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.

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.

Enchanced 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.

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.

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. The LED module, with individual lenses, are mounted directly to the die cast LM6 aluminium housing to aid heat dissipation.

The luminaire is also available with a 4-mm tempered glass lens, which is secured to the housing via 4 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° tilt*.

*Restrictions apply on selected mounting options
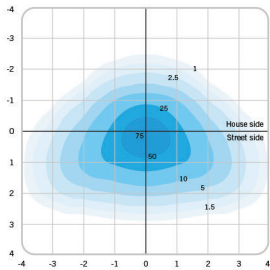
DIMENSIONS
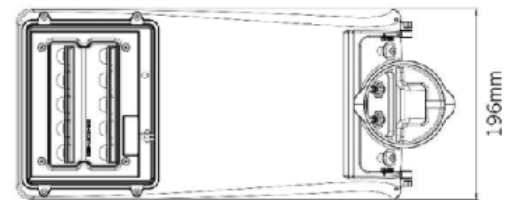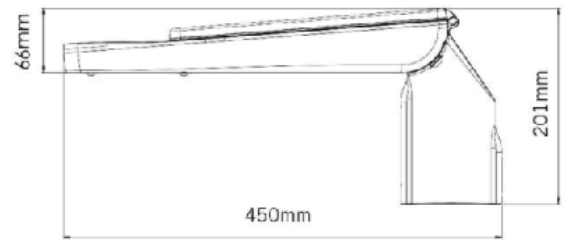
INSTALLATION

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.
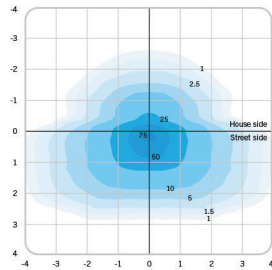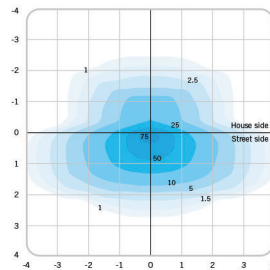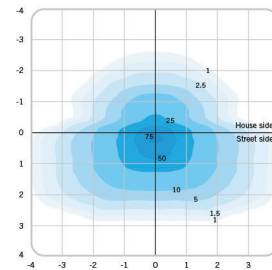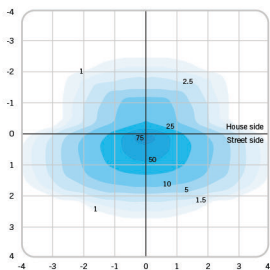
OPTICS

Type III

Q1 (Type III Short)

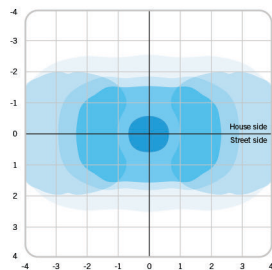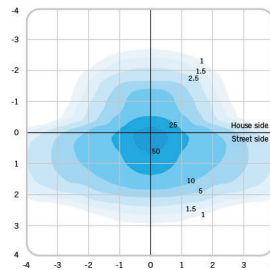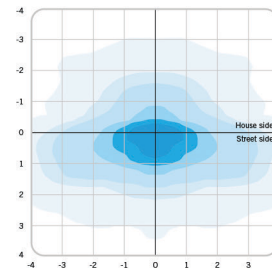R3 (Type III Short)

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 IV
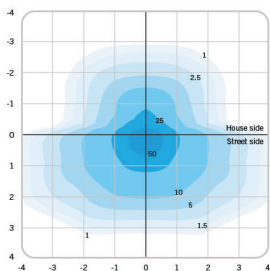
A4 (Type IV Medium)
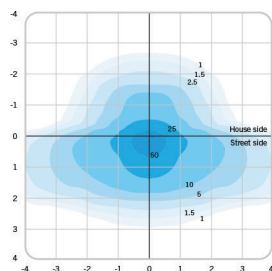
HA (Type IV Medium)

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
.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

Replace X with 3 for 3000K or 4 for 4000K

Code	Optics (required)
.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).	
.T5***	Complete with 5-pin dimming NEMA ANSI C136.41 socket	
.T7***	Complete with 7-pin dimming NEMA ANSI C136.41 socket	
.T5T***	Complete with 5-pin dimming NEMA ANSI C136.41 socket with weather proof locking top	suitable photocell/node supplied by others
.T7T***	Complete with 7-pin dimming NEMA ANSI C136.41 socket with weather proof locking top	
.TSZ+	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 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 1.5mm² 3 core single cable "flex"	
.FL1431	14 metres of 1.5mm² 3 core single cable "flex"	
.FL432 to	4 metres of 1.5mm² 3 core double cable "flex"	
.FL1432	14 metres of 1.5mm² 3 core double cable "flex"	
.FL451 to	4 metres of 1.5mm² 5 core single cable "flex"	
.FL1451	14 metres of 1.5mm² 5 core single cable "flex"	max length catered for
.FL4312 to	4 metres of 2.5mm² 3 core single cable "flex"	
.FL14312	14 metres of 2.5mm² 3 core single cable "flex"	
.FL4322 to	4 metres of 2.5mm² 3 core double cable "flex"	
.FL14322	14 metres of 2.5mm² 3 core double cable "flex"	

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)****
.W006 to	6W
.W060	60W

Example

SLI	.1	.LA014	.AY	.G	.PC	.PT1	.C1	.C	.CII	.T1	.CL7	.FL431	.GR	.ST	.W006

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%.