

# SL15/32, SL23/50

## Architectural Zoom Spotlights

The SL Architectural spotlights utilize CDM lamps to bring the power and control of theatrical lighting to a wide range of architectural applications that require clean bright, controlled light with exceptional lamp life. Ideal for both mixed daylight and standard environments. Lamps are available to match warm tungsten or cooler daylight and may be used in conjunction with conventional incandescent and metal halide luminaires.



### Features

- High performance precision optical system with high light output
- High efficiency dichroic glass reflector & coated aspheric computer-designed lenses
- Coolbeam operation for extended gobo, shutter and gel life
- Energy efficient, long life lamp (typically 9000 hours)
- Fast and easy lamp centring with positive screw driver lock so that it won't move in transit
- Fast positive peak/flat adjustment via lead screw drive mechanism for smooth, tool-free field settings
- High performance detachable electronic ballast included
- Compact and lightweight, allowing closer hanging in tighter spaces
- Smooth 360° body rotation for quick and easy gobo and shutter positioning
- Shutters in three planes for triangular shutter cut
- Highly versatile rigging by combining 360° rotation with two balance positions for yoke
- Large rear handle for easy positioning
- Quick and easy access for reflector and lens cleaning
- Wide gate will fit 2 gobo holders, including glass gobo holder, drop-in iris or rotating gobo holder
- Safety bond attachment point for the luminaire and accessories
- CE marking

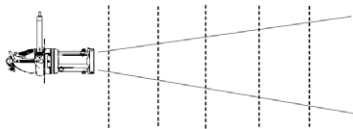
### SPECIFICATION SUBMITTAL

CONSULTANT <input type="text"/>	PROJECT NAME: <input type="text"/>	MODEL NUMBER   QUANTITY: <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
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### Photometric data

Typical performance based on: Philips CDM-SA/T 4200K 150W lamp

#### SL15/32



#### SL15/32 at 15°

Distance (m)	5	10	15	20	25
Beam Ø (m)	1.3	2.6	3.9	5.3	6.6
Illum (lux)	7120	1780	791	445	284.8

Beam candle power (cd) 178,000

#### SL15/32 at 24°

Distance (m)	5	10	15	20	25
Beam Ø (m)	2.13	4.25	6.38	8.5	10.63
Illum (lux)	4400	1100	488.9	275	176

Beam candle power (cd) 110,000

#### SL15/32 at 32°

Distance (m)	5	10	15	20	25
Beam Ø (m)	2.9	5.7	8.6	11.5	14.3
Illum (lux)	2920	730	324.4	182.5	116.8

Beam candle power (cd) 73,000

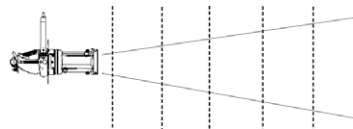
Performance at any distance: divide beam candle power by distance<sup>2</sup>

For beam diameter at any distance: 15° multiply 0.26 x distance    23° multiply 0.41 x distance  
 24° multiply 0.43 x distance    35° multiply 0.63 x distance  
 32° multiply 0.57 x distance    50° multiply 0.93 x distance

SL15/32  
 Average performance\*  
 Cosine field lumens = 5967  
 \*measured at 24°

Efficiency - 43%

#### SL23/50



#### SL23/50 at 23°

Distance (m)	5	10	15	20	25
Beam Ø (m)	2.0	4.1	6.1	8.1	10.2
Illum (lux)	4400	1100	488.8	275	176

Beam candle power (cd) 110,000

#### SL23/50 at 35°

Distance (m)	5	10	15	20	25
Beam Ø (m)	3.2	6.3	9.5	12.6	15.8
Illum (lux)	2080	520	331.1	130	83.2

Beam candle power (cd) 52,000

#### SL23/50 at 50°

Distance (m)	5	10	15	20	25
Beam Ø (m)	4.7	9.3	14	18.7	23.3
Illum (lux)	1200	300	133.3	75	48

Beam candle power (cd) 30,000

SL23/50  
 Average performance\*  
 Cosine field lumens = 7288  
 \*measured at 35°

Efficiency - 52%

### Operational features

**Field adjustment:** By moving the burner assembly using a simple screw drive mechanism.

**Lamp Adjustment:** Lamp centering by use of a screwdriver

### Electrical & Mechanical data

**Construction:** Die cast aluminum housing with black or white powder coat. Stainless steel shutters.

**Gate:** Plated steel

**Lenses:** Crown glass coated aspheric lens

### Lamp:

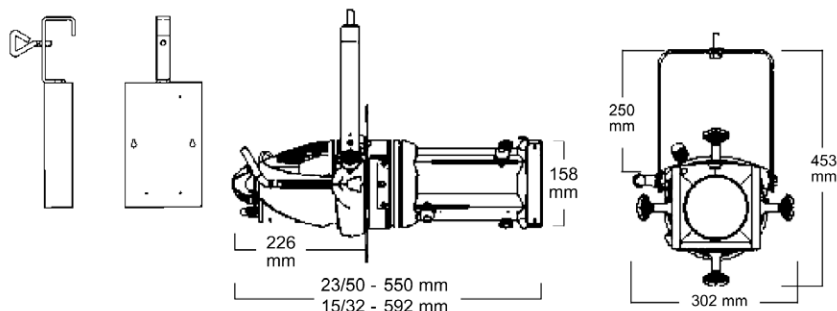
CDM-T 150W/830	3000K	9000hrs
CDM-SA/T 150W/942	4200K	9000hrs
CMH	3000K	6000hrs
HIT/G12-3K	3200K	10000hrs
HIT/G12-4K	4000K	10000hrs
BLV 225222	4200K	6000hrs

**Supply voltage:** 230V-240V, 50/60 Hz

**Standards compliance:** CE marking

**Max operating ambient temperature:**

45°C



Weights and Dimensions	15/32	23/50
Weight	7 kg	6.9 kg
Packed weight	9.8 kg	9.6 kg
Packed volume	0.03m <sup>3</sup>	0.08m <sup>3</sup>
Filter cut size	158mm x 158mm	
Ballast weight	1.5 kg	
Ballast packed weight	2.0 kg	
Ballast packed volume	0.01m <sup>3</sup>	

## Ordering Information

Cat No Black    Cat No White    Description

Supplied complete with colour frame, 360° rotation yoke & 1.0m of power cable.

11710/B	11710/W	15/32° Architectural Zoom, 230/240V, w/Ballast
11720/B	11720/W	23/50° Architectural Zoom, 230/240V, w/Ballast

### Optional Accessories

18045	Gobo holder size B	18115	High hat (19°-50°)
18049	Iris (24 leaf)	18145	Glass gobo holder
18114	Color frame	18143	Donut

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