

# DS116

BL Inground

Square, Outdoor Recessed Luminaire  
7W, 24VDC Constant Voltage



DS116 ground recessed uplights are built to blend seamlessly into the landscape, and ideal for vertical highlighting of features such as columns, porticoes, garden walls, and tree silhouettes. Available with your choice of 18°, 25° or 40° beam angles, in 3000K or 6000K options. The unit is durably constructed with a die-cast aluminum body, a 316L stainless steel trim and a tempered glass lens while the mounting boot allows uniform and fast installations. Low profile and efficient, these well lights are rated IP67, and are treadable, with up to 5500lb weight bearing capacity, perfect for installation in pavers, on decks, patios and along paths and walkways.

<b>CLIENT</b>	
<b>PROJECT NAME</b>	
<b>LOCATION</b>	
<b>DATE</b>	

Up to 760lm/unit 24VDC

## Product Detail



<b>Lighting</b>	Power	7W
	Beam Angle	18°, 25° and 40°
	Average Life	50,000 Hours
<b>Electrical</b>	Controls	Dali, PWM, Triac, 1-10V
	Input Voltage	24VDC
	Circuit	Class 2
	Operating Current (MA)	270
<b>Mechanical</b>	Housing Construction	Dark Grey Powder Coated Aluminum
	Front Cover	Hard Chrome-Plated 316L Stainless Steel
	Light Window	5/16" (8mm) Tempered Frosted Glass
	Glass Pressure Capacity	Distributed Weight = 5500lbs (2500kgs)
	Mounting Sleeve	ABS
	Cable Gland	PG9 IP68
	Power Cable	2-Core 18AWG, Length = 1.6FT (0.5m)
<b>Environmental</b>	Ingress Protection	IP67
	Certifications	ETL, CE, RoHS Compliant
	Impact Protection	IK09
	Operating Temperature	-4°F to 104°F (-20°C to 40°C)

## Performance

Power	W/unit	7	
CCT	CCT	3000K	6000K
Lumens	lm/unit	660	760
Efficacy	lm/W	94	109
CRI	CRI	80	70

## Ordering

Product Code	Series	CCT	Beam Angle	Louver	Input Voltage	IP Rating
DS116	G				24	IP67
		3000K	18°	HC116LV		
		6000K	25°	No		
			40°			

### BL LIGHTING ILLUMINATE EVERYTHING

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Solid State Lighting is sensitive to power fluctuations. Surge protection is highly recommended for all LED lighting products and should be on a dedicated circuit to protect against premature failure. Lack of surge protection may void your warranty.

Designed & Assembled in North America.

Specifications subject to change without notice. Please refer to our website at bllighting.com for current technical data.

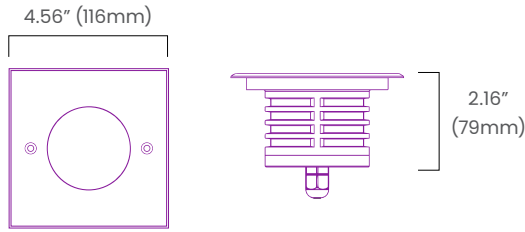
For more information, please download the BL LIGHTING catalog

bllighting.com



**Dimensions**

**DS116**

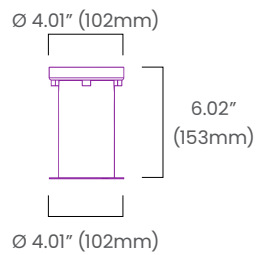


**Optional Louver**

Part#: HC116LV



**Recessed Mounting Sleeve**



**Photometric Details**

**Illuminance**



Distance	Center Beam LUX	Vertical Beam Width	Horizontal Beam Width
32ft (10m)	12	15.1ft (4.6m)	15.1ft (4.6m)
26ft (8m)	19	12.1ft (3.7m)	12.1ft (3.7m)
20ft (6m)	33	8.8ft (2.7m)	9.2ft (2.8m)
13ft (4m)	74	5.9ft (1.8m)	5.9ft (1.8m)
6.5ft (2m)	298	2.9ft (0.9m)	2.9ft (0.9m)

Vertical Spread: 25.8°  
Horizontal Spread: 25.9°

**Light Distribution**

