

DS114

BL Inground

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



DS114 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 9°, 15°, 20°, 30°, 45° or 60° beam angles, in 2000K, 3000K, 6000K and RGB 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.

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

Up to 479lm/unit 24VDC

Product Detail



Lighting	Power	7W
	Beam Angle	Static White (9°, 15°, 20°, 30°, 45° and 60°) - RGB (20° and 30°)
	Average Life	50,000 Hours
	RGB LED Wavelength	Red (620-630nm), Green (520-530nm), Blue (460-470nm)
Electrical	Controls	Dali, PWM, Triac, 1-10V, DMX
	Input Voltage	24VDC
	Circuit	Class 2
	Operating Current (MA)	206 (Static White)
Mechanical	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) (4-Core for RGB Version)
Environmental	Ingress Protection	IP67
	Certifications	ETL, CE, RoHS Compliant
	Impact Protection	IK08
	Operating Temperature	-4°F to 104°F (-20°C to 40°C)

Performance

Power	W/unit	7			
CCT	CCT	2000K	3000K	6000K	RGB
Lumens	lm/unit	350	376	479	205
Efficacy	lm/W	50	54	68	29
CRI	CRI	70	80	70	-

Ordering

Product Code	Series	CCT/Color	Beam Angle	Louver	Input Voltage	IP Rating
DS114	G				24	IP67
		2000K	9°	HCI14LV		
		3000K	15°	No		
		6000K	20°			
		RGB*	30°			
			45°			
			60°			

* RGB only available in 20° and 30° beam angles.

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

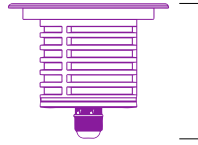
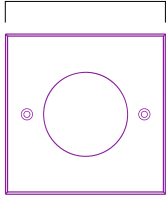


Dimensions

Optional Louver

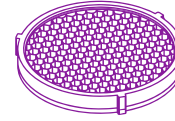
DS114

Ø 4.56" (116mm)



4.09"
(104mm)

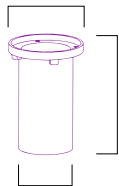
Part#: HC114LV



Recessed Mounting Sleeve



Ø 4.01" (102mm)

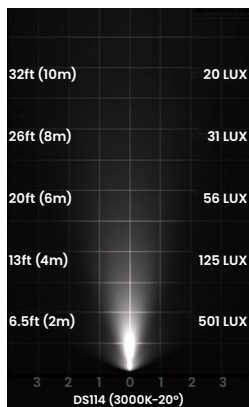


5.90"
(150mm)

Ø 2.91" (74mm)

Photometric Details

Illuminance



Distance	Center Beam LUX	Vertical Beam Width	Horizontal Beam Width
32ft (10m)	20	13ft (4.0m)	12.5ft (3.8m)
26ft (8m)	31	10.5ft (3.2m)	10.2ft (3.1m)
20ft (6m)	56	7.9ft (2.4m)	7.5ft (2.3m)
13ft (4m)	125	5.2ft (1.6m)	5ft (1.5m)
6.5ft (2m)	501	2.6ft (0.8m)	2.6ft (0.8m)

Vertical Spread: 22.4°
Horizontal Spread: 21.8°

Light Distribution

