

BL inGROUND DISK R116

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



BL inGROUND DISK R116 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.

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

Up to 760lm/unit 24VDC

Product Detail



Lighting	Power	7W
	Beam Angle	18°, 25° and 40°
	Average Life	50,000 Hours
Electrical	Controls	Dali, PWM, Triac, 1-10V
	Input Voltage	24VDC
	Circuit	Class 2
	Operating Current (MA)	270
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)
Environmental	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	CCT	Beam Angle	Louver (Optional)
BL inGROUND DISK R116	3000K 6000K	18D (18°) 25D (25°) 40D (40°)	HC116-LV NO

BL LIGHTING ILLUMINATE EVERYTHING

111 - 8838 Heather St. Vancouver, BC, Canada. V6P 3S8
P: 1-604-874-4405 E: info@bllighting.com
Copyright © BL INNOVATIVE LIGHTING. All Rights Reserved.

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

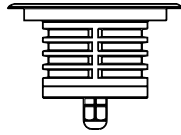
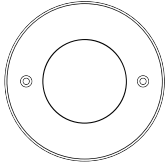
bllighting.com



Dimensions

DISK R116

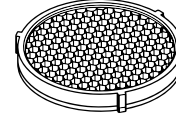
Ø 4.56" (116mm)



2.16"
(79mm)

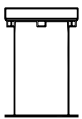
Optional Louver

Part#: HC116-LV



Recessed Mounting Sleeve

Ø 4.01" (102mm)



6.02"
(153mm)

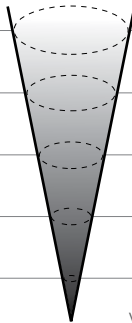
Ø 4.01" (102mm)

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

