# LNR3069

#### **BL Inground**



LNR3069 direct view, glare-free in-grade recessed walk over linear lights are engineered for flush mount installations and ideal for wayfinding, delineation, accent and safety lighting in floor, ground and wall installations. Solidly constructed with up to 335lbf weight bearing capacity, IP67 rating, lightweight aluminum housing, and weatherproof quick connectors for ease of installation. The channel is an excellent heat sink, and engineered with a drain channel, preventing permanent submersion of the IP67 rated LED housed within, ensuring longevity. The flush recessed and treadable non-slip silicone lens top delivers uniformly diffused, glare-free illumination with a 115° beam angle. Achieve seamless, continuous run lengths. Perfect for projects requiring recessed, robust, lines of linear lighting.

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

Walk-Over Load Rated 24VDC

Custom Run Lengths

6063 Aluminum Alloy

**Pixel Chasing Available** 

### **Product Detail**















Lighting		LED, SMD 2835 (Static)					
	Lamp	LED, SMD 3015 (Dynamic White)					
		LED, SMD 5050 (Color Changing)					
	Average Life	50,000 Hours					
	Beam Angle	115°					
	Controls	0-10V, MLV, ELV, TRIAC, Phase Cut, DMX, Bluetooth					
	Input Voltage	24VDC					
Electrical	Max Input Current	4A					
	Connections	Copper conductors, 18AWG(White)					
	Connections	Copper conductors, 20AWG (RGB, RGBW)					
Mechanical	Harrison Oanahuratian	6063 Aluminum Channel					
	Housing Construction	Silicone Diffuser					
	Weight Bearing	S1-335lbf Load Rated (Walk-Over)					
	Channel Length	0.65FT (0.2m), 1.64FT (0.5m) and 3.28FT (1m) Sections Available					
	LNR3069 CHS 316S 02	0.65FT (0.2m) 6063 Aluminum Channel					
	LNR3069 CHS 316S 05	1.64FT (0.5m) 6063 Aluminum Channel					
	LNR3069 CHS 316S 10	3.28FT (1m) 6063 Aluminum Channel					
Accessories	LNR3069 CHS EC	6063 Aluminum End Cap					
	LNR3069 CHS SD	Silicone Diffuser					
	LNR3069 CHS JB	Channel Joiner Bracket					
	LNR3069 NVS QC	IP68 Cable Quick Connectors					
Facility and a second second	Ingress Protection	IP67					
	Impact Protection	IK10					
Environmental	Certifications	UL, CE					
	Operating Temperature	-40°F to 131°F (-40°C to 55°C)					

## **Performance**

#### Static Colors/Color Changing

CCT/Color		2100к 3000к 4000к 5000к			Red	Green	Blue	RGB	RGBW(2700K)	RGBW(3000K)	RGBW(3500K)	
Power	W/FT	2.75				2.44	3.66			4.57		
Lumens	lm/FT	79 104			37	123	18	75	119			
Efficacy	Im/W	29 38			15	34	5	21	36			
CRI	CRI	80+				<del>-</del>				80+		
LED's Qty	Qty/FT	26										
Increment	inch(mm)		0.66	(16.7)		3.28 (83.3)						

### **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.









#### Performance

#### **Dynamic White**

CCT/Color		2100K - 5500K				
Power	w/fT	3.66				
Lumens	Im/FT	52 (2200K) - 62 (6500K)				
Efficacy	lm/W	14 (2200K) - 17 (6500K)				
CRI	CRI	80+				
LED's Qty	Qty/FT	26				
Increment	inch(mm)	3.28 (83.3)				

#### **Pixel Chasing**

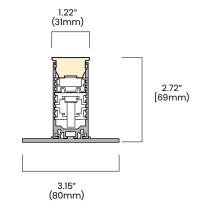
CCT/Color		2100K	3000К	3000K 4000K 5000K 2100K - 5500K		2100K - 5500K	RGB	RGBW(2700K)	RGBW(3500K)	
Power	W/FT				3.66	3.66	4.57			
Lumens	Im/FT	98	122		63 (2100K) - 67 (5500K)	75	119			
Efficacy	lm/W	46	33		17 (2100K) - 18 (5500K)	23	33			
CRI	CRI		80+					80+		
LED's Qty	Qty/FT	18			36		18			
Increment	inch(mm)	3.93 (100)						6.56 (166.7)		

# Ordering

#### IP Rating Product Code Series Effect CCT/Color Input Voltage Weight Bearing LNR3069 G 24 IP67

S1 (Walk-Over) ST (Static) 2100K PX (Pixel) 3000K 4000K 5000K DW (2100K-5500K) Red Green Blue RGB RGBW(2700K) RGBW(3000K)

# Dimensions

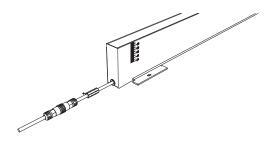


RGBW(3500K)



# **Lead Orientations**





\* The Wick Resistant Wire Ferrule is built into the lead wire, 4.5" (115mm) from the fixture termination connection, for additional moisture ingress protection. Removal of the Wick Resistant Wire Ferrule may void your warranty.