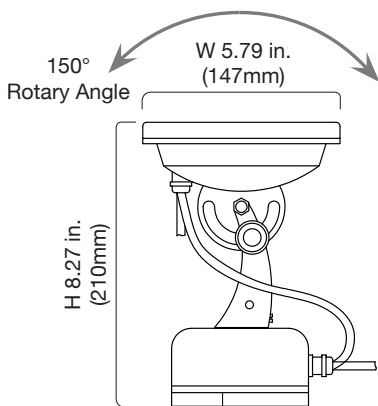
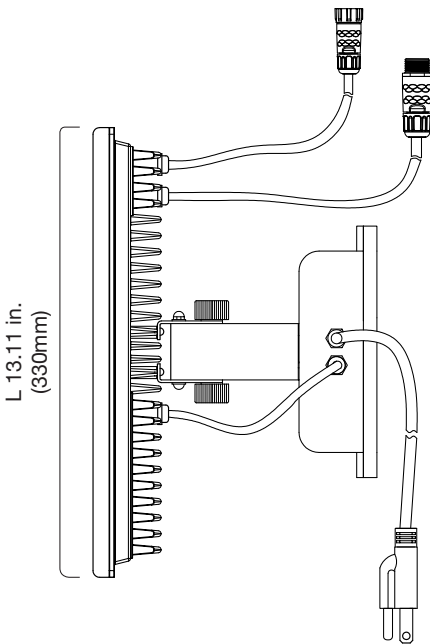


**SPLASHLIGHT™ LED WALL WASHER**

**SPECIFICATION SHEET**

- Die-cast aluminum body & tempered glass
- IP65 wet/outdoor
- 150° rotary angle
- Floor mountable
- DMX-512 controllable



**SPECIFICATIONS**

**Input Voltage <sup>1</sup>**: 100-256VAC, 50/60Hz  
**Power Connection**: AC power plug (56 in. length)  
**Operating Voltage**: 24V DC  
**Power Consumption**: 53.5W  
**LED Chip Type**: Edison  
**LED Chip Beam Angle**: 45°  
**Mounting <sup>2</sup>**: Integrated 150° rotary surface-mount base w/ (2x) 5/16 in. mounting holes (Floor mount only)  
**Maximum Run**: 10 fixtures (expandable with use of 8-Way DMX Splitter)  
**Connections**: 1ea. male/female wet location 3-pin M14 cables (15 in. length). M14-to-XLR-3 adapter cables also included

**Dimmable <sup>3</sup>**: May be dimmed/controlled using on-board controls or with a compatible DMX-512 controller  
**Ambient Temp <sup>4</sup>**: -4° ~ 104° F (-20° ~ 40° C)  
**Operating Temp <sup>5</sup>**: -4° ~ 131° F (-20° ~ 55° C)  
**Housing / Cooling**: Die-cast aluminum casing; tempered glass / cooling by free air convection  
**Environment <sup>6</sup>**: IP65 wet/outdoor  
**Dimensions <sup>7</sup>**: 13.11 x 5.79 x 8.27 in. (L x W x H)  
**Weight**: 9.48 lbs.  
**Certifications**: UL Listed (US & Canada) ANSI/UL 153, ANSI/UL 8750 - Light Emitting Diode Luminaires, Portable. E466305

Item #	CCT (Kelvin)	Lumens <sup>7</sup>	LED Chips	Efficacy <sup>8</sup> (lm/W)
DI-0480	-	1304	R=12, B=12, G=12	24.4

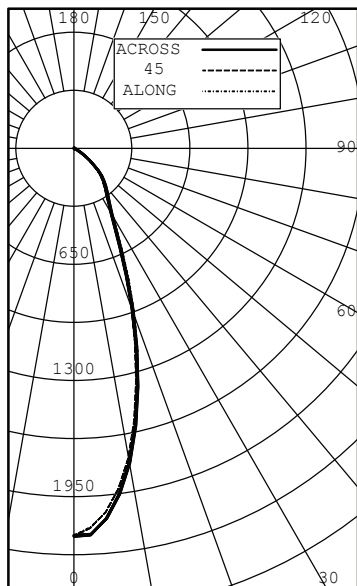
- Note <sup>1</sup>** Only UL Listed for connection with a 120VAC, 15- or 20-ampere branch circuit.  
**Note <sup>2</sup>** This fixture is intended for floor mounting only. Do not mount to walls or ceilings.  
**Note <sup>3</sup>** Not compatible with standard High Voltage AC dimming controls.  
**Note <sup>4</sup>** Do not install product in an environment outside the listed ambient temperature. Ensure adequate airflow and heatsinking is considered when mounting/installing. Exceeding the maximum ambient temperature may damage LED chips by reducing the total lamp life, lumen output, and/or adversely impact color consistency.  
**Note <sup>5</sup>** Operating temperature is measured according to the minimum and maximum ambient temperature environment.  
**Note <sup>6</sup>** When installing outdoors or in a damp location, ensure water-resistant end caps are connected to all wet location 3-pin M14 cables. If attaching XLR-3 DMX adapter cables seal all standard XLR-3 connections with 1.25" heat shrink and finish with waterproof tape (not included). Do not use liquid sealants of any kind.  
**Note <sup>7</sup>** Lumen value measured in accordance to IES LM-79-08. LED chips have a luminous flux range with a tolerance of +/- 5%.  
**Note <sup>8</sup>** Efficacy value referenced from IES LM-79-08.

Item #:		Project:	
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**SPLASHLIGHT™ RGB**

DI-0480

POLAR CANDELA DISTRIBUTION GRAPH



INTENSITY (CANDLEPOWER) SUMMARY  
BEAM SIDE

ANGLE	ALONG	22.5	45	67.5	ACROSS
0	2169	2169	2169	2169	2169
5	2043	2044	2045	2060	2081
10	1763	1764	1759	1771	1788
15	1384	1373	1348	1361	1378
20	984	963	940	949	960
25	644	626	613	608	616
30	429	418	413	411	421
35	326	315	317	318	332
40	265	254	259	263	276
45	208	197	206	210	219
50	138	130	139	143	147
55	74	70	76	79	81
60	36	35	37	39	40
65	17	17	19	20	20
70	8	8	9	10	10
75	3	3	4	4	4
80	0	0	0	1	1
85	0	0	0	0	0
90	0	0	0	0	0

ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LUMINAIRE
0-30	850	65.19
0-40	1053	80.74
0-60	1281	98.16
0-90	1304	100.00
40-90	251	19.26
60-90	24	1.84
90-180	0	0.00
0-180	1304	100.00





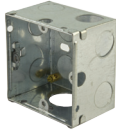
Cone Of Light Tabulation

Mounting Height (Feet)	Footcandles at Nadir	Diameter (Feet)
4.00	135	2.39
6.00	60.2	3.58
8.00	33.8	4.77
10.0	21.7	5.97
12.0	15.0	7.16
14.0	11.1	8.35
16.0	8.46	9.55

\* Photometric data complies with LM-79-08, ANSI C82.77-02.

## DMX CONTROLLERS











The following DMX Controllers may be utilized with our DMX fixtures and accessories.

Item #	Type	Description	Image
DI-1917	DMX Wi-Fi Wall-Mount Controller	This simple and intuitive DMX controller commands up to four zones with WiFi connectivity to a mobile device.	
DI-1726	Nicolaudie STICK 1 DMX Color Controller	Our most sophisticated unit offers professional-grade DMX512 control in a user-friendly control pad.	
DI-1720	Nicolaudie STICK 2 DMX Color Controller	Sophisticated and modern touch-sensitive keypad selects mode, speed, and dimming.	
DI-1727	Nicolaudie Easy Stand Alone DMX LED Color Controller	Program lighting scenes from a computer to the independent free-standing controller.	
DI-1808-K	SQUARE-PRO Junction Box	Included with the following controllers: DMX WiFi Wall Mount Zone LED Controller, Nicolaudie STICK 1 Controller, and Nicolaudie STICK 2 Controller. Also sold separately. Features 3x 0.5 in. and 5x 0.75 in. knockouts. Dimensions: 2.83 x 1.89 x 2.83 (L x D x H)	

*Note: accessories sold separately*

## DMX ACCESSORIES

The following DMX Accessories may be utilized with our DMX fixtures and controllers.

Item #	Type	Description	Image
DI-1918	DMX 4-Channel Decoder	Pair with a DMX controller to control solid color, RGB, and RGBW LED fixtures. Features a digital display for easy addressing.	
DI-0820 (female) DI-0821 (male)	Wireless DMX Transmitter/Receiver	Wirelessly connects DMX devices: Fixture to fixture, fixture to controller, and decoder to decoder. Features XLR-3 connections.	
DI-1804	DMX 8-Way Splitter	Amplifies and splits a DMX signal up to 8 ways. Features 1x male XLR-3 input connection, and 8x female XLR-3 output connections.	
DI-1803	DMX XLR-3 Connector Pair	Utilize this XLR-3 connector pair to create custom length DMX extensions. Sold by the pair (male/female). Male: 2.8 x .71 in. (L x Dia.). Female: 2.4 x .71 in. (L x Dia.)	
DI-1806	XLR-3 to RJ45 Adapter Connector Pair	Converts RJ45 data cables to XLR-3 DMX connections. Sold by the pair (male/female) Male & Female: 2.58 x .87 x .98 in. (L x W x H)	
DI-1809	20 ft. DMX XLR-3 Extension Cable	Creates an extension between DMX fixtures and accessories. Features XLR-3 connections. Wire: 18/3 AWG. Male connection: 2.8 x .71 in. (L x Dia.) Female: 2.4 x .71 in. (L x Dia.)	
DI-1807	RJ45 Coupler	Female-to-female accessory quickly connects two RJ45 accessories. Dimensions: 1.22 x .44 x .87 in. (L x W x H)	
DI-1805	RJ45 Splice Cable	Lead wires connect to wall-mount DMX controllers while RJ45 plug connects to DMX accessories. Dimensions: 6.5 x .4 x .6 (L x W x H)	
DI-1811	XLR-3 to RJ45 Adapter Cable Pair	Converts RJ45 port of 4-Channel DMX Decoder to a standard XLR-3 connection. Sold by the pair (male/female). Dimensions: 20 x .71 (L x Dia)	
DI-1911	RJ45 Extension Cable	Creates a 10 ft. extension between DMX fixtures and accessories utilizing RJ45 connections.	

*Note: accessories sold separately*

## ADDITIONAL RESOURCES

Visit the online product page at [www.DiodeLED.com](http://www.DiodeLED.com) for additional resources including:

- **WET LOCATION LED WALL WASHER Installation Guide**  
For system diagrams and full installation instructions.
- **Voltage Drop Charts**  
Use to specify appropriate wire gauge for installation. Available at the 'Tools & Resources' page at [www.DiodeLED.com](http://www.DiodeLED.com).

## SAFETY & DISCLOSURES

- Install in accordance with the National Electric Code and local regulations.
- This product is intended to be installed and serviced by a qualified, licensed electrician.
- Do not disassemble or modify this product. Doing so will void your warranty.
- This fixture is not compatible with any traditional dimming controls. Wall washers can only be controlled/dimmed with the on-board interface or with an external DMX controller. Please contact customer service for additional information.
- Ensure all adjusting screws on mounting brackets and fixtures are properly secured prior to permanent installation.
- This fixture is intended for floor mounting only. Do not mount to walls or ceilings.
- It is recommended to power this fixture by a GFCI protected circuit.
- This fixture is IP65 rated.
- When installing outdoors or in a wet location, ensure water-resistant end caps are connected to all exposed wet location 3-pin M14 connections. If attaching XLR-3 adapter cables seal all XLR-3 DMX connections with 1.25" wide heat shrink and finish with waterproof tape (not included). Do not use liquid sealants of any kind.
- This fixture is not to be used in or around chlorinated, treated or salt water due to the corrosive and degrading qualities of chlorine, saline, and other chemicals on the fixture components. Keep at least 16 feet away from pools and spas.
- Do not install product in an environment outside the listed ambient temperature. Ensure adequate airflow and heatsinking is considered when mounting/installing.
- Operating temperature is measured according to the minimum and maximum ambient temperature environment. Exceeding the maximum ambient temperature may damage LED chips by reducing the total lamp life, lumen output, and/or adversely impact color consistency.
- Ensure adequate airflow and heatsinking is considered when mounting/installing. Exceeding the maximum operating temperature may damage LED chips by reducing the total lamp life, lumen output, and/or adversely impact color consistency.
- Actual color may vary from what is pictured on this sheet and other print materials due to the limitations of photographic processes.
- Lighting technology has some amount of gradual light degradation (output and/or color) over the lifespan of the products. Diode LED products are designed to minimize degradation, but some light degradation and color shift is a normal part of the life span of any LED lighting system.
- We reserve the right to modify and improve the design of our fixtures without prior notice. We cannot guarantee to match existing installed fixtures for subsequent orders or replacements in regards to product appearance, CCT, or lumen output.

## WARRANTY INFORMATION

### Limited Warranty

This LED fixture has a two (2) year limited warranty from the date of shipment. This warranty does not include the additional accessories referenced in this specification sheet. Complete warranty details for fixtures and additional accessories are available at [www.DiodeLED.com](http://www.DiodeLED.com) under the 'Tools & Resources' tab. For warranty related questions, please contact customer service.

### Consumer's Acknowledgment

Diode LED stands behind its products when they are used properly and according to our specifications. By purchasing our products, the purchaser agrees and acknowledges that lighting design, configuration and installation is a complex process, wherein seemingly minor factors or changes in layout and infield adjustments can have a significant impact on an entire system. Choosing the right components is essential. Diode LED is able to work with the original purchaser to make an appropriate product selection to the extent of the limited information that the customer can provide, but it is virtually impossible for Diode LED to design a system that foresees every unknown factor. For this reason, this Warranty does not cover problems caused by improper design, configuration or installation issues. Any statement from a Diode LED employee or agent regarding a customer's bill of goods and/or purchase order is NOT an acknowledgement that the products purchased are designed and configured correctly. The purchaser agrees and acknowledges that it is the customer's responsibility to adhere strictly to all information contained in the Product Specification Sheets.

There is often more than one way to design, configure and layout an LED lighting application properly to achieve the same lighting effect. Diode LED strongly recommends that licensed professionals be used in the design and installation of lighting systems that include Diode LED products. The specifications include important information that a designer and installer should carefully review and strictly follow. Qualified designers and certified and/or licensed installers, with access to the final installation environment, customer goals, and Diode LED product specifications can make the requisite decisions appropriate for a successful finished lighting application.



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