



digital®

G821-LED

Architectural Diamond Luminaire

Powered By: NICHIA



Job Information

Digitize your light.™

Type: _____

Catalog #: _____

Project: _____

Comments: _____

Prepared by: _____

LED Lighting

Description

The G821-LED series features a heavy-cast aluminum housing designed with modern aesthetics in mind. The architectural luminaire provides brilliant illumination to walkways and other outdoor spaces, improving the visibility, safety, and overall look of any outdoor area. Powered by GNP energy-saving LED technology, this high-powered outdoor luminaire is Dark Sky compliant and paired with state-of-the-art optics to restrict light trespass, glare and light pollution for neighborhood-friendly outdoor lighting.

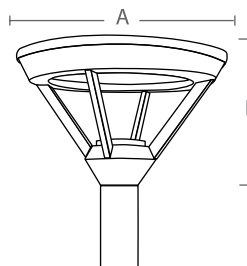
D821-LED



Features

- Housing is heavy cast aluminum with heavy wall cast aluminum supports & heavy gauge spun aluminum cover.
- Clear impact resistant acrylic lens.
- Complies with IP65 rating.

Dimensions



	A	B	Wattages
Size 1	25 7/8"	16"	100W-150W
Size 2	20"	13"	20W-80W

Ordering Information:

Example: (821-LED-60-30-UNV-T5-PT-DB-WDF)

G821-LED

Series	Wattage/Lumen	Color Temp.	Voltage	Optics	Mounting	Finish	Option
Architectural Diamond Luminaire	20 20W/2184 ³ 30 30W/3276 ³ 40 40W/4368 ³ 60 60W/6552 ³ 80 80W/8736 ³ 100 100W/10920 ³ 120 120W/13104 ^{3,7} 150 150W/16380 ^{3,7}	30 3000K 35 3500K 40 4000K 50 5000K ⁴	UNV 120-277V 347 347V 480 480V (Step-Down Transformer used for 480V Divider)	T2 Type 2 T3 Type 3 T5 Type 5 ¹	PT Post Top 2 3/8" Tenon PT3 Post Top 3" Tenon ¹ OT Other Tenon MT ⁵	DB Dark Bronze ¹ BK Black WH White SL Silver GY Gray CC Custom ²	SM Smart Dim ⁶ PC Photocell ⁵ WSF Wired Single Fuse ⁵ WDF Wired Double Fuse ⁵ LS Light Shield PC7 7-Pin Photocell Recep

¹ Standard for fixture
² Contact factory for custom finish
³ Delivered Lumens (5000K)
⁴ Standard Color Temp.
⁵ Specify Voltage (eg. 120V)
⁶ Specify size or consult factory
⁷ DLC Listed
⁸ Only for 120W & 150W

Digitize your light.™

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LIGHTING

Type: _____

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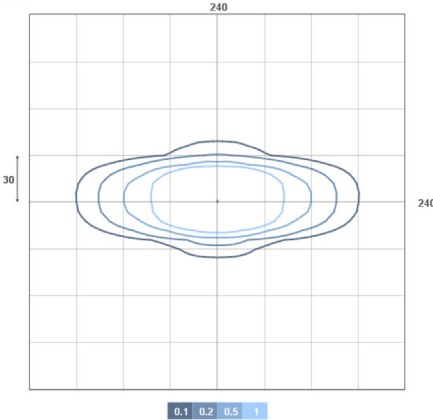
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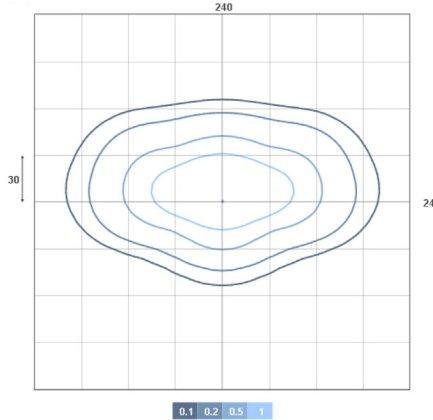
Photometric Data

G821-LED 120W Type II



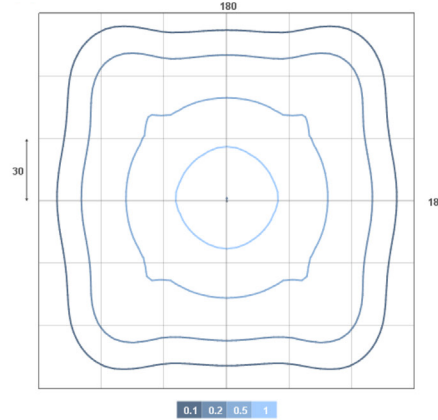
Calculation Area:	240'x240'
Point Spacing:	24'x24'
Max Luminance:	5.2 fc
Area > 0.5fc:	4536 ft ²

G821-LED 120W Type III/ Type IV



Calculation Area:	240'x240'
Point Spacing:	24'x24'
Max Luminance:	2.9 fc
Area > 0.5fc:	6732 ft ²

G821-LED 120W Type V



Calculation Area:	180'x180'
Point Spacing:	18'x18'
Max Luminance:	1.9 fc
Area > 0.5fc:	7533 ft ²

Performance Data

CRI:	80+
CCT:	3000K, 3500K, 4000K, 5000K
Warranty:	10 yr. Limited Warranty
Dimming:	Available with 0-10V inputs dimming down to 10%
Operating Temperature:	0°-65°C Max Ambient
L70 Rating:	100,000+ Hours
EPA:	1.8 & 2.0
IP Rating:	IP65
Driver Current:	700mA
BUG Rating:	Type 2 B3 U2 G2
	Type 3/ Type 4 B3 U2 G3
	Type 5 B4 U1 G2

Delivered Light Output and Equivalency Chart

HID to LED Replacement		
DELIVERED LUMENS	HID	LED Replacement
1300lm	50W	10W
2600lm	70W	20W
3900lm	100W	30W
5200lm	150W	40W
7800lm	175W	60W
11700lm	250W	80W
15600lm	400W	120W
26000lm	750W	200W
31200lm	1000W	240W

Interested in upgrading from HID to LED lighting? Use the conversion table below to get a general idea of what wattage LED fixture will replace your current lighting system. Lumen output and overall performance will vary by fixture, so please contact our factory or your nearest sales rep regarding specific questions on what wattage will best suit your desired space and application.