



Client: \_\_\_\_\_ Order #: \_\_\_\_\_  
Project Name: \_\_\_\_\_ Type: \_\_\_\_\_ Qty: \_\_\_\_\_

# D421-LED

## 14" Decorative Round Luminaire

### Performance Data

CRI

80+

CCT

4000K, 5000K

### Projected Lifetime

100,000+ Hours (L70)

### Dimming

0-10V dimming standard,  
100% down to 10%

### Operating Temperature

-40°C to +50°C Ambient



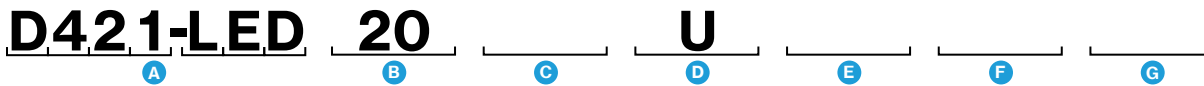
<b>10 Yr</b>	<b>USA</b>
Warranty Including Labor	Buy American Act Compliant

### Description

The 14" round decorative luminaire is designed for durability and performance to withstand today's toughest environments, including schools, parking garages, office complexes and any other application prone to vandalism.

### Features

- Replaces up to 100W HPS or MH fixtures
- Die-cast aluminum front frame & housing, nickel-plated stainless steel hardware
- Housing finish is textured powdercoat paint over a chromate conversion coating
- Available with open, cross/grid, or eyelid guard styles
- The deep casting is provided with 4 .5" threaded conduit coin plugs.
- Polycarbonate opal lens eliminates LED hot spots/pixelation
- Type IV light distribution
- System Wattage: 19.7 watts



### Ordering Information

#### A FIXTURE SERIES

D421-LED      14" Decorative Round Luminaire

#### B WATTAGE/LUMENS

20      20W/1674<sup>3</sup>

#### C CCT

40      4000K  
50      5000K

#### D VOLTAGE

U      120-277V

#### E GUARD

O      Open  
C      Cross  
E      Eyelid

#### F FINISH

BZ      Bronze<sup>1</sup>  
WH      White  
CU      Custom<sup>2</sup>

#### G OPTIONS

SP      Surge Protection  
PC1      Photocell (120V)  
PC2      Photocell (277V)  
EM      Emergency Battery  
S2      Microwave Sensor w/Dimming<sup>4</sup>

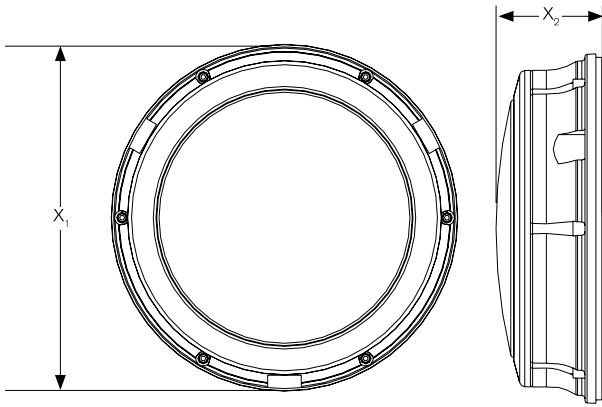
<sup>1</sup> Standard for fixture

<sup>2</sup> Contact factory for custom finish

<sup>3</sup> Delivered Lumens (5000K)

<sup>4</sup> Designed for Mounting Heights of 15ft or less

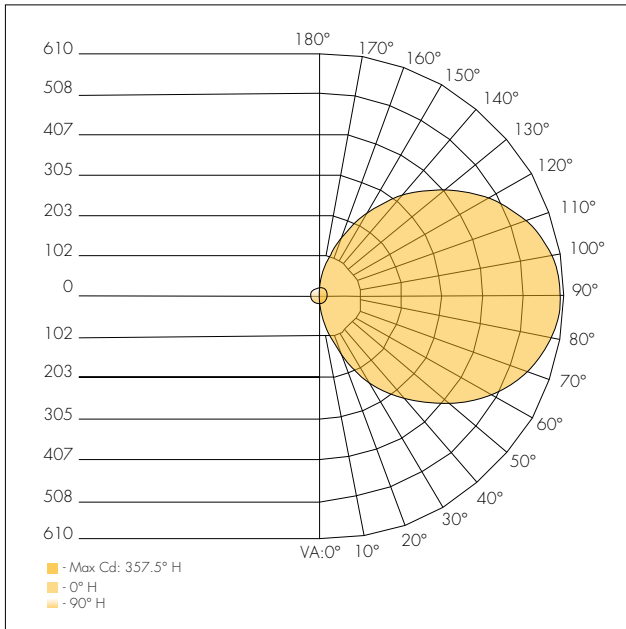
Dimensions



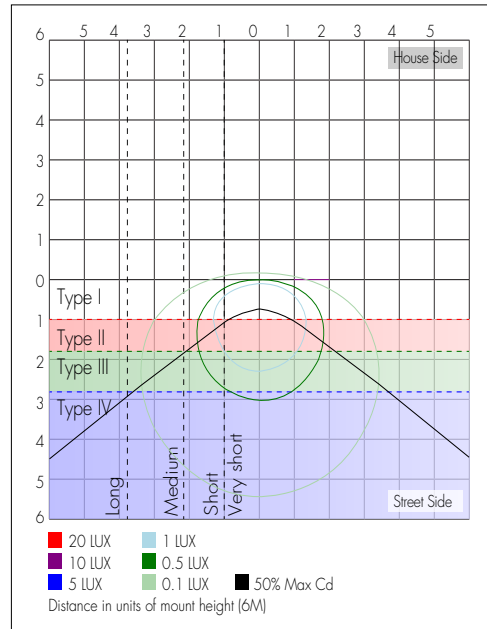
	Inches		
	Open	Cross	Eyelid
$X_1$	12.50	12.50	12.50
$X_2$	3.94	4.38	12.50

Photometrics (Open Guard)

Model 20W 5000K



Isofootcandle

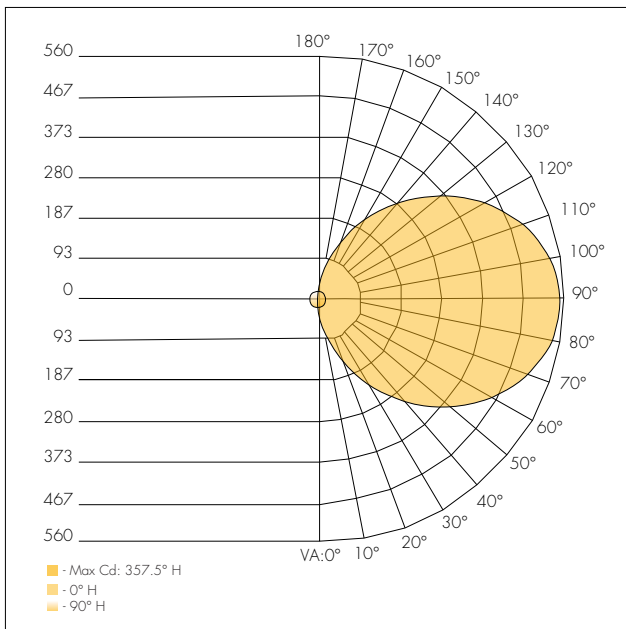


Zonal Lumen Summary

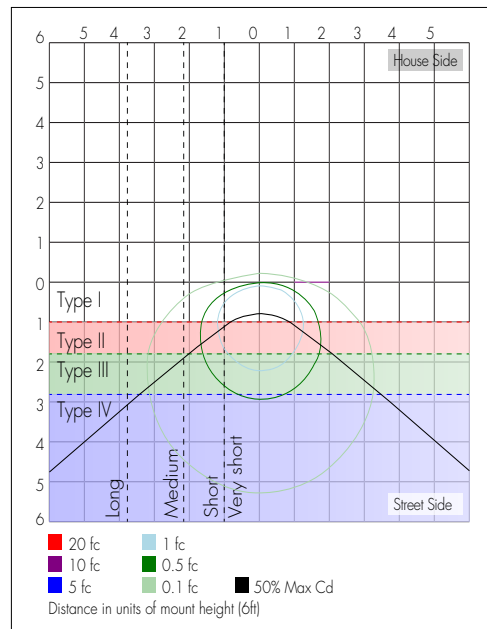
Zone	Lumens	%Luminaire
0-30	44.9	2.7%
0-40	102.5	6.1%
0-60	317.1	18.9%
60-90	530.1	31.7%
70-100	566.6	33.8%
90-120	523.2	31.2%
0-90	847.2	50.6%
90-180	827.3	49.4%
0-180	1,674.5	100%

Photometrics (Cross Guard)

Model 20W 5000K



Isofootcandle

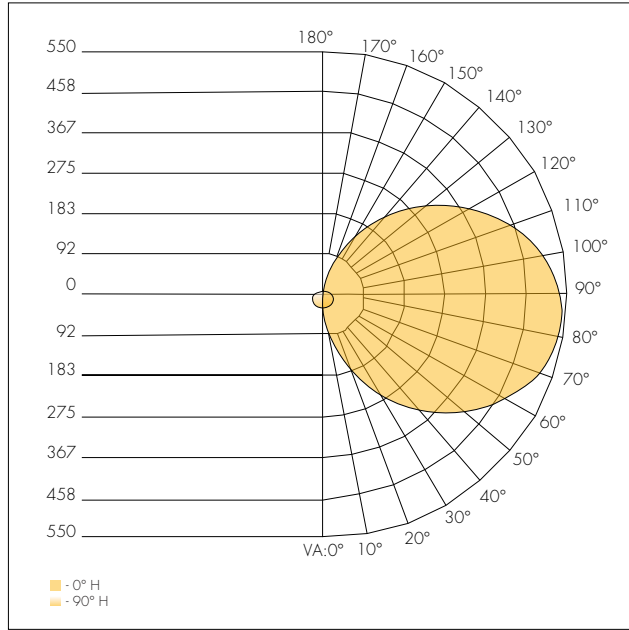


Zonal Lumen Summary

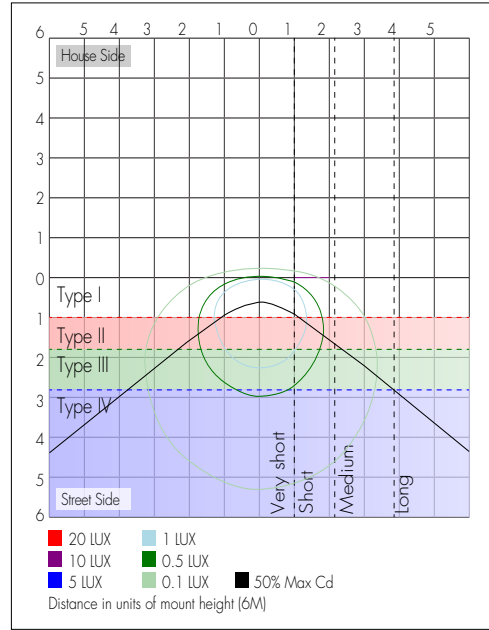
Zone	Lumens	%Luminaire
0-30	39.5	2.7%
0-40	90.2	6.1%
0-60	281.2	19.2%
60-90	471.6	32.1%
70-100	502.6	34.2%
90-120	459.1	31.3%
0-90	752.8	51.3%
90-180	715.4	48.7%
0-180	1,468.1	100%

**Photometrics (Eyelid Guard)**

Model 20W 5000K



Isofootcandle



Zonal Lumen Summary

Zone	Lumens	%Luminaire
0-30	55.6	3.8%
0-40	118.6	8.1%
0-60	336.0	22.9%
60-90	492.9	33.6%
70-100	510.5	34.8%
90-120	437.2	29.8%
0-90	828.8	56.5%
90-180	637.9	43.5%
0-180	1,466.7	100%

**Guard Options**



Cross



Eyelid

**LED Battery Backup**

- Provides 90 mins of backup power.
- 100-277/50-60Hz Input Voltage
- Operation Temp Range: 0°-50°C
- Green LED Indicator for Stand-by Mode
- Optional Test Switch
- Short-Circuit, Overload, and No Load Protection
- Low Battery Shutdown to Protect Battery From Deep-Discharging
- RoHS Compliant

