



Client: \_\_\_\_\_  
Project Name: \_\_\_\_\_

Order #: \_\_\_\_\_  
Type: \_\_\_\_\_ Qty: \_\_\_\_\_

# D444-LED

## Medium Trapezoidal Wall Pack

### Performance Data

#### CRI

70+ (5000K);  
80+ (4000K and lower)

#### CCT

3000K, 3500K, 4000K, 5000K

#### Projected Lifetime

L70 - 196,000 Hours;  
L80 - 122,000 Hours

#### Dimming

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

#### Operating Temperature

-40°C to +55°C Ambient

#### UL Listed

Suitable for dry, damp,  
wet locations



<b>DSKY</b> Dark Sky Compliant	<b>DLC</b> Listed	<b>UL</b> Listed	<b>10 Yr</b> Warranty Including Labor	<b>USA</b> Buy American Act Compliant
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### Description

The D444-LED medium trapezoidal cutoff wall pack offers a sleek design and cutoff performance with a wide range of uses. It delivers the lighting needed for the exteriors of retail buildings, businesses, walkways, underpasses or door entrances. Delivering up to 141 lumens per watt of high efficacy performance, the D444-LED is also Dark Sky compliant when ordered at 3000K.

### Features

- Heavy duty two piece, die-cast aluminium housing.
- Silicone gasketing provides protection against moisture.
- Mounts directly to 3.5" octagon, or 4" square outlet box.
- .5" NPS tapped holes provided in three locations for surface conduit entry for optional photocell control.
- Dark bronze powder coated finish for impact, corrosion and UV resistance.
- Integral cast-in aluminum hinges.
- Dark Sky compliant when ordered at 3000K
- DLC Premium listed for utility rebates (see Page 3 for more info)
- Can be used as an uplight for wall washing applications.
- Driver is fully accessible from below the ceiling or wall. Driver is wired for dimming or non-dimming.
- Precision-designed polycarbonate optical lenses control and deliver light only where it is needed

# D444-LED



### Ordering Information

#### A FIXTURE SERIES

D444-LED Medium Trapezoidal  
Cutoff Wall Pack

#### B WATTAGE/LUMENS

20	20W/2534 <sup>3,7</sup>
30	30W/3799 <sup>3,7</sup>
40	40W/4863 <sup>3,7</sup>
60	60W/7670 <sup>3,7</sup>
80	80W/9766 <sup>3,7</sup>

#### C CCT

30	3000K
35	3500K
40	4000K
50	5000K <sup>4</sup>

#### D VOLTAGE

UNV	120-277V
347	347V
480	480V (Step-Down Transformer used for 480V Divider)

#### E OPTICS

T2	Type 2
T3	Type 3
T4	Type 4

#### F FINISH

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

#### G OPTIONS

PC	Photocell
EM	Emergency Backup
MS	Motion Sensor w/ Dimming (FSP-211) <sup>5</sup>

<sup>1</sup> Standard for fixture

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

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

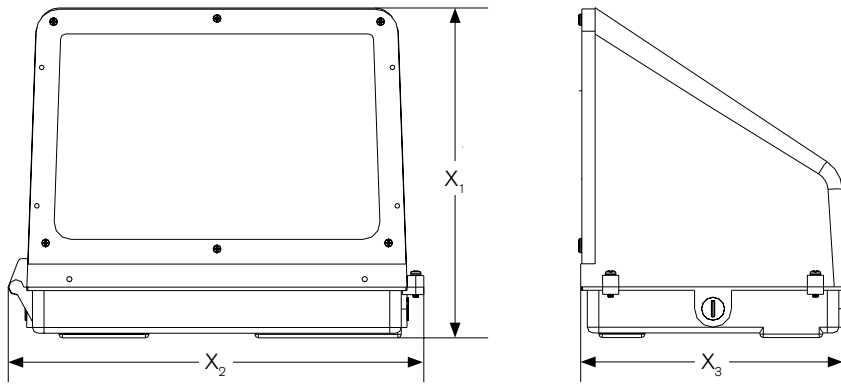
<sup>4</sup> Standard Color Temp.

<sup>5</sup> 5 8ft mounting height lens standard. Contact factory for higher mounting.

<sup>6</sup> Only Available in 40W, 60W and 80W models.

<sup>7</sup> DLC Listed wattage (see Page 4 for more information on models currently listed)

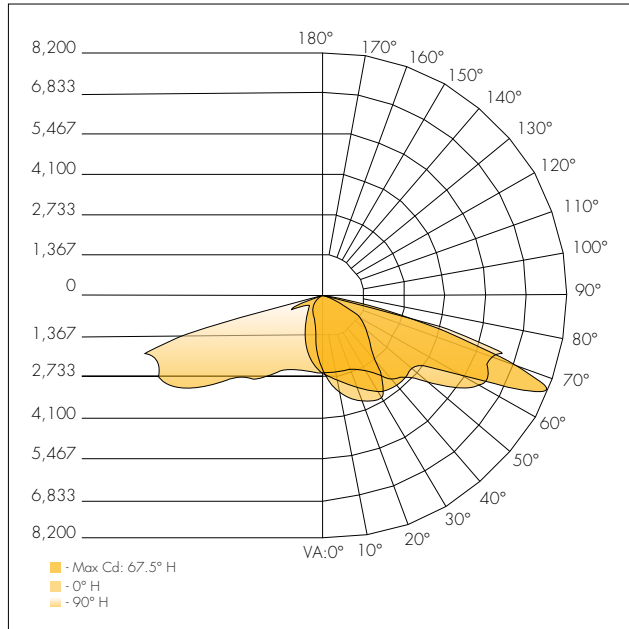
Dimensions



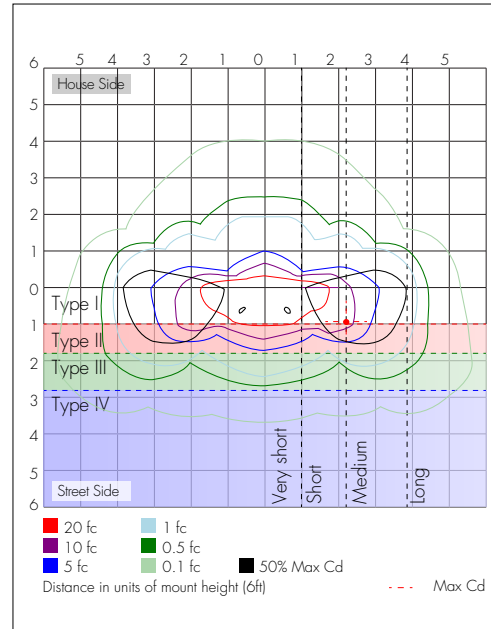
	Inches
X <sub>1</sub>	9.00
X <sub>2</sub>	12.875
X <sub>3</sub>	11.125

Photometrics

80W 5000K Type 2



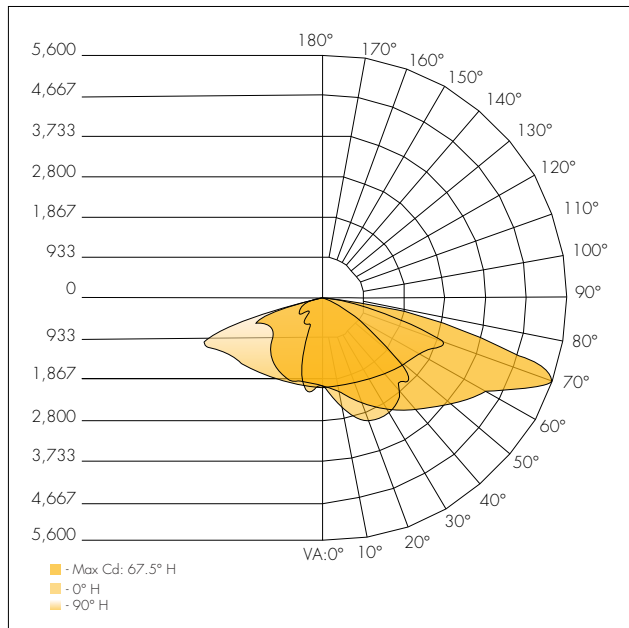
Isofootcandle



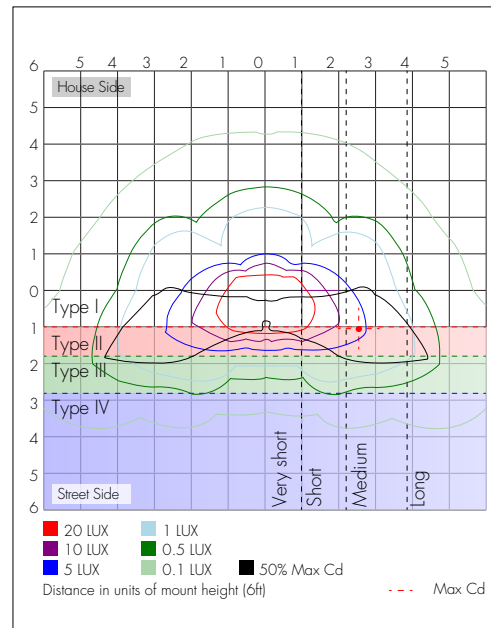
Zonal Lumen Summary

Zone	Lumens	%Luminaire
0-30	2,013.8	19.2%
0-40	3,504.8	33.4%
0-60	6,919.7	66%
60-90	3,555.8	33.9%
70-100	1,440.5	13.7%
90-120	9.2	0.1%
0-90	10,475.5	99.9%
90-180	9.2	0.1%
0-180	10,484.7	100%

80W 5000K Type 3



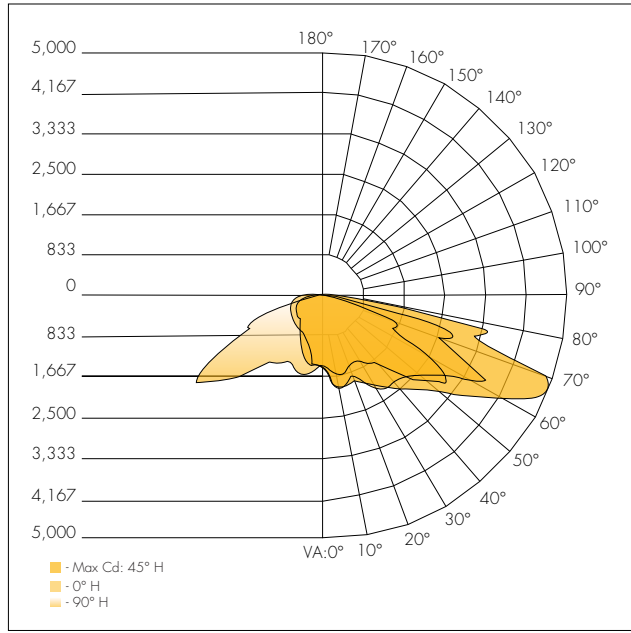
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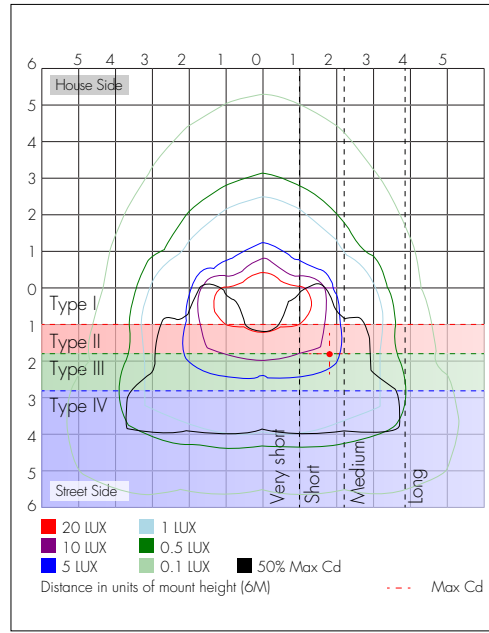
Zonal Lumen Summary

Zone	Lumens	%Luminaire
0-30	1,846.2	18.9%
0-40	3,183.5	32.6%
0-60	6,568.8	67.2%
60-90	3,188.4	32.6%
70-100	1,485.1	15.2%
90-120	10.9	0.1%
0-90	9,757.2	99.9%
90-180	10.9	0.1%
0-180	9,768.2	100%

80W 5000K Type 4



Isofootcandle



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1,283.3	13.6%
0-40	2,278.4	24.1%
0-60	5,584.0	59%
60-90	3,863.5	40.8%
70-100	1,766.3	18.7%
90-120	14.4	0.2%
0-90	9,447.5	99.8%
90-180	14.4	0.2%
0-180	9,461.9	100%

Projected LED Maintenance

Operating Hours	0	25,000	50,000	75,000	100,000
Lumen Maintenance Factor	25°C (77°F) Ambient Outdoor Temp				
	1	0.95	0.91	0.87	0.83
	55°C (131°F) Ambient Outdoor Temp				
	1	0.93	0.87	0.81	0.76

Lumen Output

Lumen Chart (5000K)

Model Number	System Watts	T2	T3	T4
D444-LED-20-40-UNV	19	2721	2534	2455
D444-LED-30-40-UNV	28	4078	3799	3680
D444-LED-40-40-UNV	38	5222	4863	4711
D444-LED-60-40-UNV	57	8235	7670	7430
D444-LED-80-40-UNV	76	10486	9766	9461

\*To scale to 4000K, multiply 5000K values by 0.92

DLC Listed

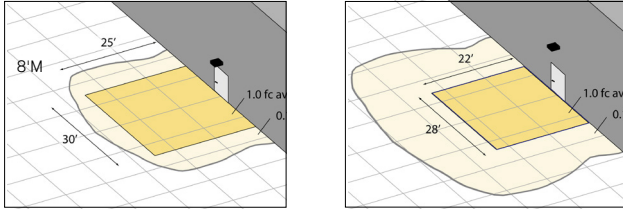
	20W			30W			40W			60W			80W		
	T2	T3	T4	T2	T3	T4	T2	T3	T4	T2	T3	T4	T2	T3	T4
4000K	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5000K	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

### Emergency Battery Operation

The emergency battery backup (EM option) is integral to the luminaire - no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product.

The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time supply power is lost, per International Building Code Section 1006 and NFPA 101 Life Safety Code Section 7.9, provided luminaires are mounted at an appropriate height and illuminate an open space with no major obstructions.

The examples below show illuminance of 1 fc average and 0.1 fc minimum of the single-engine Type IV product in emergency mode.



### Step Dimming & Bi-Level

#### FSP-211

The FSP-211 mounts in an outdoor lighting fixture and provides multi-level control based on motion. The sensor also includes a photocell to measure the ambient light level. It controls 0-10 VDC LED drivers or dimming ballasts, as well as non-dimming ballasts and, with an SFP-LX Lens, is rated for wet and cold locations. All control parameters are adjustable via a wireless configuration tool capable of storing and transmitting sensor profiles.

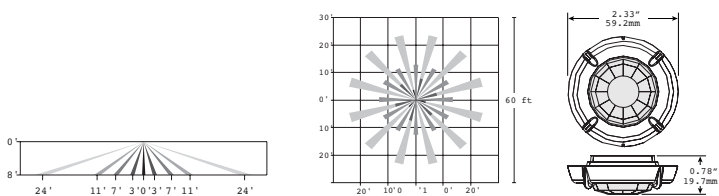
#### Key Factors

- Fully adjustable high and low dimmed light levels.
- Designed for LED fixtures; rated for extreme temperatures and up to 200,000 on/off cycles
- Hold off setpoint with automatic calibration option for convenience and added energy savings
- Adjustable via handheld wireless configuration tool
- IP66 rated with choice of lenses for wet and outdoor locations, and mounting heights from 8' to 40'
- Adjustable time delay and cut off delay



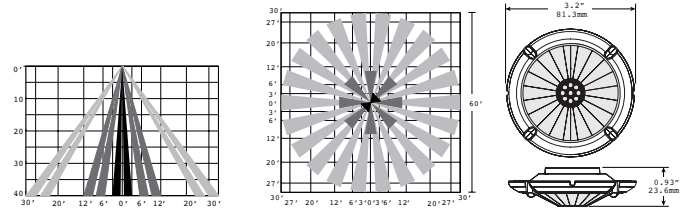
### Coverage & Dimensions

The FS-Lx lenses work with FSP-211 motion sensors to provide multi-level lighting control based on motion and the ambient light level. Four lens choices provide flexibility for varying mounting heights.



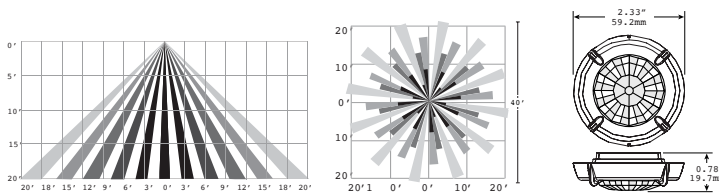
#### FSP-L2

360° lens, maximum coverage 48' diameter from 8' height



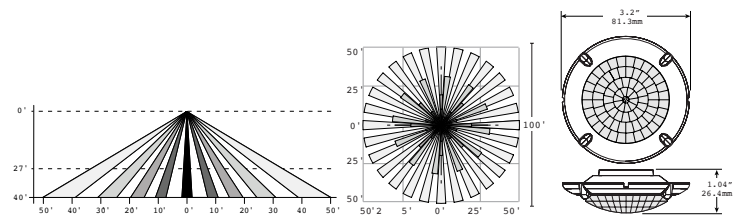
#### FSP-L4

360° lens, maximum coverage 60' diameter from 40' height



#### FSP-L3

360° lens, maximum coverage 40' diameter from 20' height



#### FSP-L7

360° lens, maximum coverage 100' diameter from 40' height

Motion Sensor Example



Quickship Model

Item #	Description
D444-LED4050UBZQ	40W 5000K • 120-277V • Bronze Glass Lens • No Optics or Options

- For additional information, refer to the Quickship spec sheet ([separate document](#))