

DATE:	PROJECT:
TYPE:	NOTES:
PART #:	

## 8IN & 6IN COMMERCIAL DOWNLIGHTS WITH SELECTABLE CCT AND WATTS

### KEY FEATURES

#### CCT & Light Quality

- 5 Selectable CCTs (2700K, 3000K, 3500K, 4000K, 5000K)
- >80+ CRI

#### Light Output

- 3 Selectable Wattage/Lumen Levels:  
**6"** : 1500LM-2100LM-3000LM (13W- 19W-27W)  
**8"** : 1000LM - 2000LM - 3000LM (6W- 15W-30W)
- Life time rating 50,000 hrs.
- 90° beam angle

#### Dimming, Controls

- 0-10V dimming standard
- Emergency compatible

### SPECIFICATIONS

#### Construction

- Unique deep depression design reduces glare
- Aluminum housing
- Frosted lens

#### Electrical

- 120-277V, 50/60Hz
- Operating temperature: -20° C (-4° F) / 45° C (113° F)

#### Warranty

5-Year Standard Warranty. See terms at: [LEDS-LLC.com](http://LEDS-LLC.com)



KEY DATA	
Lumen	1000LM - 3000LM
Wattage	6-30W
Efficacy Range (LPW)	up to 110 LPW
Reported Life (Hours)	50,000

#### Certifications & Test Data

- Built to ETL standards
- Damp Location
- ENERGY STAR® rated
- RoHS compliant with no lead or mercury
- Driver rated for FCC part 15 Class B for use in residential or commercial applications



### STOCK ORDERING INFORMATION

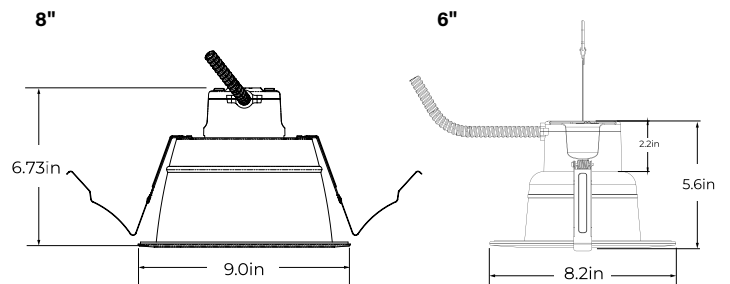
Part Number	Lumen Package	Wattage	CCT	CRI	Voltage	Dimming
DL-8-LA3-CCT5-MV-D	1000LM-2000LM-3000LM	6W- 15W-30W	2700K, 3000K, 3500K, 4000K, 5000K	>80 (min)	120-277V	0-10V
DL-6-LA3-CCT5-MV-D	1500LM-2100LM-3000LM	13W- 19W-27W	2700K, 3000K, 3500K, 4000K, 5000K	>80 (min)	120-347V	0-10V



#### EMERGENCY BBU

Part Number	Output	Input Voltage	Output Voltage	Runtime	Battery	Application
EB-15W	15W	100-347V	170Vdc	90 min	Li-ion	For 0-10V dim LED lights ≤100W; no-dim/triac dim LED lights 6-15W

#### DIMENSIONS



## PHOTOMETRICS

Luminaire Data: DL-8-LA3-CCT5-MV-D (at 2700K)

<b>IES File Name</b>	DL-8-LA3-CCT5-MV-D_27K.IES
<b>CCT &amp; CRI</b>	5 CCT, 83.3CRI
<b>Delivered Lumens</b>	2,883.9
<b>Wattage</b>	31W
<b>Efficacy</b>	93.24 LPW
<b>Beam Angle</b>	50% = 97.8° 10% = 125.5°
<b>Spacing</b>	0° = 1.41 90° = 1.39

Photometric values based on tests performed in compliance with LM-63 & LM-79.

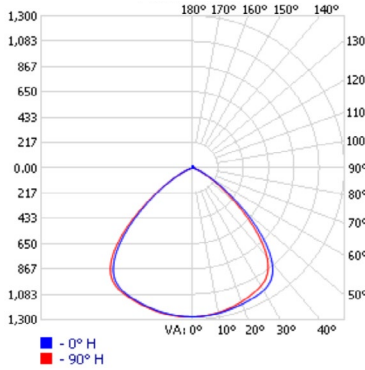
### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1,042.0	29.20%
0-40	1,761.4	47.70%
0-60	2,733.8	82.80%
0-90	2,845.5	98.7%
0-180	2,884.1	100%

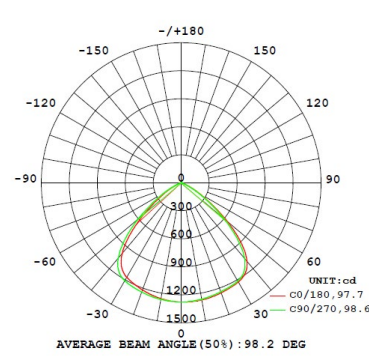
### Candela Distribution

Angle	0°	90°
0	1277	1275
5	1277	1272
10	1273	1265
15	1265	1254
20	1253	1241
25	1239	1229
30	1225	1213
35	1190	1169
40	1097	1057
45	908	854
50	647	596
55	394	357
60	215	189
65	101	82.1
70	33.5	27.6
75	14.6	12.8
80	6.77	5.65
85	2.57	1.88
90	0.50	0.53

### Candela Plot



### Luminous Intensity Distribution Diagram



Luminaire Data: DL-6-LA3-CCT5-MV-D (at 2700K)

<b>IES File Name</b>	DL-6-LA3-CCT5-MV-D_27K.IES
<b>CCT &amp; CRI</b>	5 CCT, 82.4CRI
<b>Delivered Lumens</b>	2,812.3
<b>Wattage</b>	25W
<b>Efficacy</b>	113.77 LPW
<b>Beam Angle</b>	50% = 97.2° 10% = 137.5°
<b>Spacing</b>	0° = 1.28 90° = 1.25

Photometric values based on tests performed in compliance with LM-63 & LM-79.

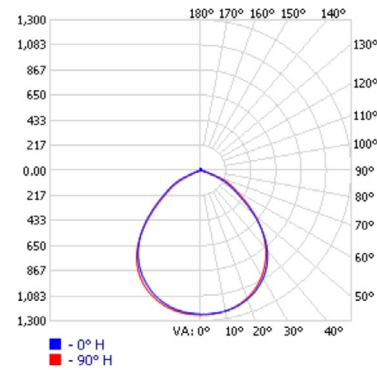
### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	972.4	34.6%
0-40	1,574.9	56%
0-60	2,525.4	89.8%
0-90	2,774.7	98.7%
0-180	2,812.4	100%

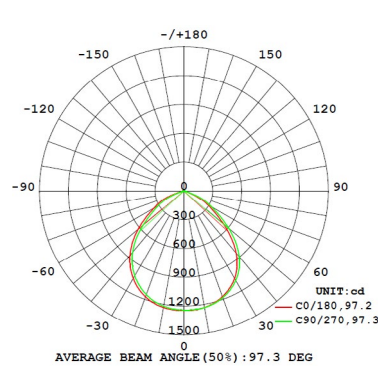
### Candela Distribution

Angle	0°	90°
0	1248	1241
5	1245	1241
10	1232	1233
15	1208	1214
20	1170	1183
25	1120	1137
30	1052	1076
35	961	996
40	842	892
45	696	761
50	534	607
55	388	451
60	281	327
65	161	229
70	45.0	95.4
75	14.9	24.8
80	4.82	8.22
85	0.95	2.30
90	0.96	0.80

### Candela Plot



### Luminous Intensity Distribution Diagram



### Load Information

<b>Power Factor</b>	> 0.90
<b>THD</b>	< 20%
<b>Frequency</b>	60 Hz
<b>Low Temp Start/Max Temp</b>	-4°F to 113°F (-20°C to 45°C)