

Type	Job. Ref.
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# 6BLRD-BU

6" Vandal Resistant LED Recessed Downlight for Behavioral Units

**1200 - 5000 Lumens**

## PRODUCT SPECIFICATION DATA

### MECHANICAL

- Precision formed 16 ga. galvanized steel ceiling pan with built-in plaster ring. Secured to the ceiling.
- Adjustable to 1 1/2" ceiling thickness
- Trim secured to housing with Torx Pin® stainless steel tamper resistant fasteners.
- Designed to prevent ligature (binding) attachment points.
- Screws held captive to prevent being left behind when servicing luminaires.
- Lens is sealed to trim

### ELECTRICAL

- Serviceable and upgradable light engine.
- Power supply is overload and short circuit protected
- See Dimming column for standard dimming
- Dimming options available: Dim to 1%; Dim to Black; and Triac

### OPTICAL

- Powder coated aluminum splay with a variety lens options
- 45° cutoff to source
- Medium distribution standard.

### PERFORMANCE

- 1,200 to 6,000 delivered lumens
- CCT: 3000K; 3500K; 4000K @ 80+ CRI
- 70% lumen maintenance at 50,000 hours based on IESNA LM-80-2008.

### LISTINGS

- ETL tested and listed to ANSI/UL1598 and CAN/CSA C22.2 No. 250.0-08
- Suitable for damp location
- For wet location select -WL option

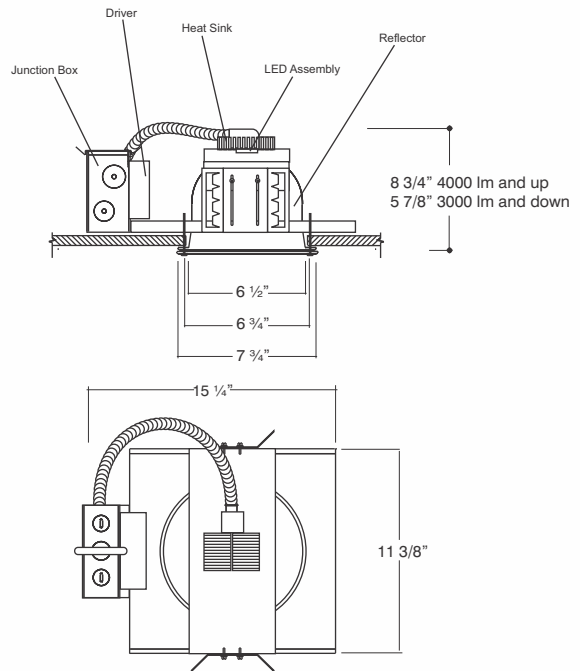
**5 Year limited warranty.**

Dimensions and specifications in this literature are subject to change.



**0-10v Dimming Standard**

**LED**



	DELIVERED LUMENS @ 35K	DIMMING	COLOR TEMPERATURE	CRI	VANDAL RESISTANT LENS	POWDERCOAT LENS HOLDER FINISH	OPTIONS	VOLTAGE
<b>6BLRD-BU</b>								
<b>6" LED Round Recessed Downlight for Behavioral Units</b>	-60 5697 lumens	-DMLV10 0-10v Dim to 10%*	-30K 3000 K	-80	-CP with .125 Clear Polycarbonate	-LHW White	-F Fusing	-120
	-42 4315 lumens	-DMLV1 0-10v Dim to 1%**	-35K 3500 K	-90	-CP2 with two .125 Clear Polycarbonate	-LHB Black	-EML1 Emergency Battery Backup*	-277
	-32 3340 lumens	-DMT1 Triac Dim to 1%	-40K 4000 K		-PP2 with one .125 Prismatic Polycarbonate and one .125 Clear Polycarbonate	-LHN Natural Aluminum	-GTD Generator Transfer Device	<b>Voltage MUST be Specified</b>
	-22 2359 lumens	-DMB Dim to Black (0.1%***)				-LHW-AMF Antimicrobial White	-WL Wet Location	
	-17 1750 lumens							
-12 1260 lumens								
		*Standard for -12 only						
		**Option for -12 only and Standard for -17 to -60						
		***Option for -12 to -42 only						
							* -EM option has Remote Test Switch.	



**6BLRD-BU**



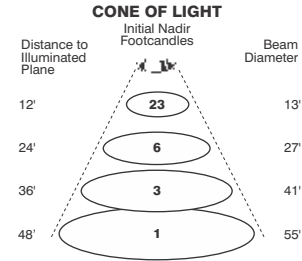
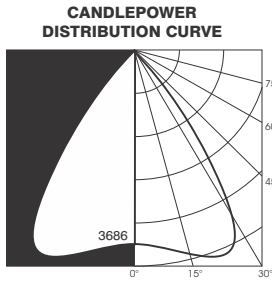
# 6BLRD-BU

6" Vandal Resistant LED  
Recessed Downlight

## 6BLRD-BU-60-35K-80-SH

Test No: 77925.40  
Source: Chip on Board  
Color Temp: 3500K  
Total Fixture Lumens: 5697  
S/MH: 1.1

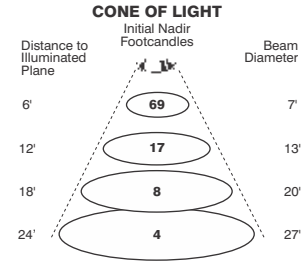
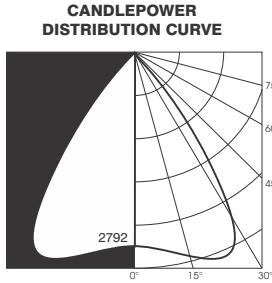
Input Current  
Voltage: Watts: Amps:  
120 60 .50  
277 60 .22



## 6BLRD-BU-42-35K-80-SH

Test No: 77924 (calc)  
Source: Chip on Board  
Color Temp: 3500K  
Total Fixture Lumens: 4315  
S/MH: 1.16

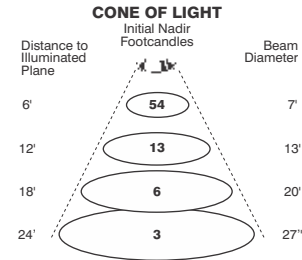
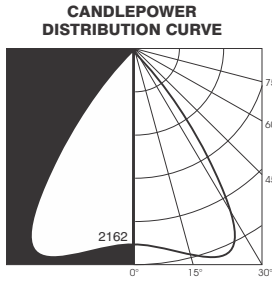
Input Current  
Voltage: Watts: Amps:  
120 48 .40  
277 48 .17



## 6BLRD-BU-32-35K-80-SH

Test No: 77924 (calc)  
Source: Chip on Board  
Color Temp: 3500K  
Total Fixture Lumens: 3340  
S/MH: 1.1

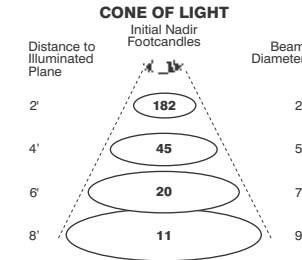
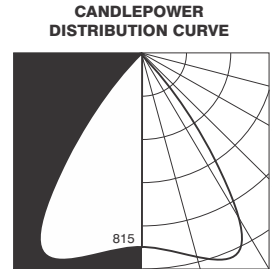
Input Current  
Voltage: Watts: Amps:  
120 35 .29  
277 35 .13



## 6BLRD-BU-12-35K-80-SH

Test No: 77924 (calc)  
Source: Chip on Board  
Color Temp: 3500K  
Total Fixture Lumens: 1260  
S/MH: .99

Input Current  
Voltage: Watts: Amps:  
120 13 .11  
277 13 .05



This Peachtree LED product is baseline tested at 3500K and 80+ CRI. When a warmer or cooler color temperature or 90+ CRI is specified, the light output values will vary. Use the following charts to adjust the values for your application.

CCT LUMEN CONVERSION	
3000K	4000K
.98	1.04

CRI CONVERSION
90+
.88

### Wattage by Lumen Package

-120 = 127.4w	-32 = 35.0w
-90 = 87.4w	-22 = 26.6w
-75 = 65.3w	-17 = 18.4w
-60 = 59.7w	-12 = 12.5w
-42 = 48.0w	

