

Type	Job. Ref.
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# 6BLRD-EN

6" Enclosed LED Recessed Downlight

**1800 - 5000 Lumens**

## PRODUCT SPECIFICATION DATA

### MECHANICAL

Precision formed 16 ga. galvanized steel ceiling pan with built-in plaster ring  
 Cold rolled steel trim ring. Stainless Steel available, see options  
 Trim secured to housing with captive flush mount phillips head stainless steel screws and o-rings  
 Adjustable to 1 1/2" ceiling thickness  
 Bar hangars accommodate 27" span  
 Sustainable - electrical components accessible though aperture  
 Gaskets allow for wet location

### ELECTRICAL

Serviceable and upgradable light engine  
 Power supply is overload and short circuit protected  
 Standard with 0-10V dimming (10-100%)

### PERFORMANCE

CCT: 3000K; 3500K; 4000K @ 80+ CRI  
 70% lumen maintenance at 50,000 hours based on IESNA LM-80-2008

### LISTINGS

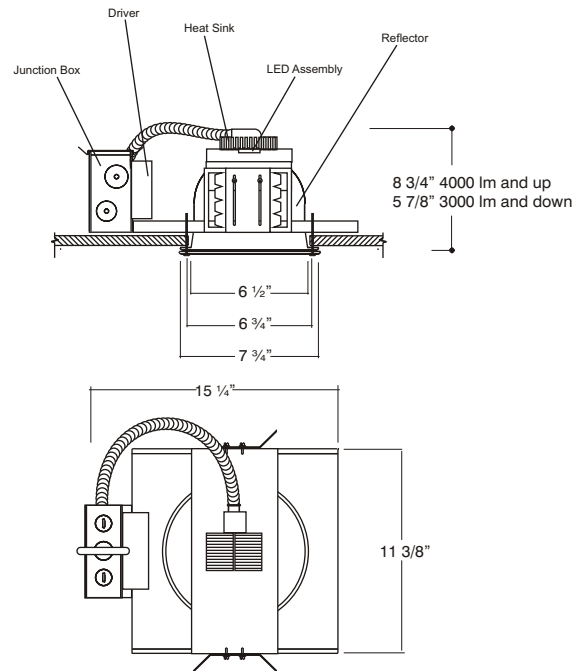
ETL tested and listed to ANSI/UL1598 and CAN/CSA C22.2 No. 250.0-08  
 Wet location listed

5 Year limited warranty.



0-10v Dimming Standard

LED



Dimensions and specifications in this literature are subject to change.

	DELIVERED LUMENS @ 35K	COLOR TEMPERATURE	CRI	LENS	POWDERCOAT LENS HOLDER FINISH	OPTIONS	VOLTAGE
<b>6BLRD-EN</b>							
<b>6" LED ENCLOSED Round Recessed Downlight</b>	-50 4770 lumens	-30K 3000 K	-80	-PP Prismatic Polycarbonate	LH-W White	-F Fusing	-120
	-40 3843 lumens	-35K 3500 K	-90	-CP Clear Polycarbonate	LH-B Black	-EML1 Emergency	-277
	-30 2952 lumens	-40K 4000 K		-PA Prismatic Acrylic	LH-AMF Antimicrobial White	-GTD Generator Transfer Device	<b>Voltage MUST be Specified</b>
	-20 2099 lumens			-CA Clear Acrylic			
	-18 1762 lumens			-PG Prismatic Tempered Glass			
				-CG Clear Tempered Glass			
	<i>Delivered Lumens, Photometrics and IES files are for standard 6BLRD open downlight.</i>					<i>Stainless Steel Trim Ring available in minimum quantities. Please consult factory.</i>	
	<i>Lens Transmission Loss approximately 10%</i>					<i>-EM options have Remote Test Switch.</i>	



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## 6" Enclosed LED Recessed Downlight

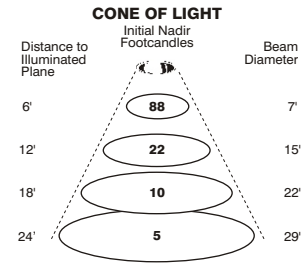
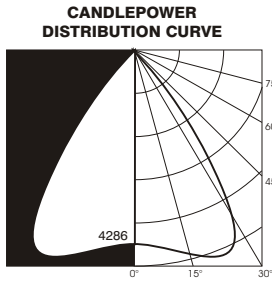
### 6BLRD-50-35K



Delivered Lumens, Photometrics and IES files are for standard 6BLRD open downlight. Lens Transmission Loss approximately 10%

Test No: 77925.40  
 Source: Chip on Board  
 Color Temp: 3500K  
 Total Fixture Lumens: 4770  
 S/MH: 1.1

Input Current  
 Voltage: Watts: Amps:  
 120 55 .39  
 277 55 .18



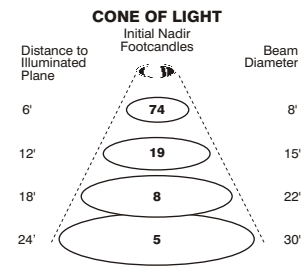
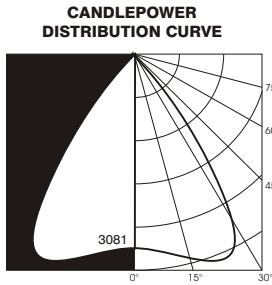
### 6BLRD-40-35K



Delivered Lumens, Photometrics and IES files are for standard 6BLRD open downlight. Lens Transmission Loss approximately 10%

Test No: 77924 (calc)  
 Source: Chip on Board  
 Color Temp: 3500K  
 Total Fixture Lumens: 3844  
 S/MH: 1.16

Input Current  
 Voltage: Watts: Amps:  
 120 45 .37  
 277 45 .16



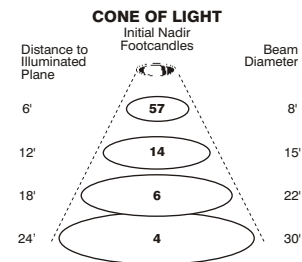
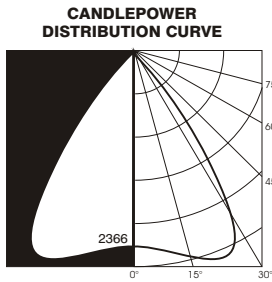
### 6BLRD-30-35K



Delivered Lumens, Photometrics and IES files are for standard 6BLRD open downlight. Lens Transmission Loss approximately 10%

Test No: 77924 (calc)  
 Source: Chip on Board  
 Color Temp: 3500K  
 Total Fixture Lumens: 2952  
 S/MH: 1.1

Input Current  
 Voltage: Watts: Amps:  
 120 34 .28  
 277 34 .13



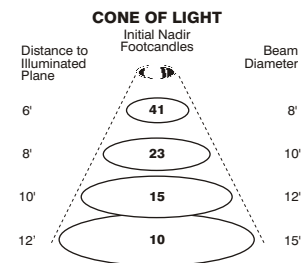
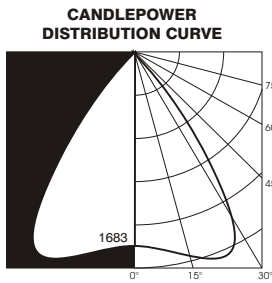
### 6BLRD-20-35K



Delivered Lumens, Photometrics and IES files are for standard 6BLRD open downlight. Lens Transmission Loss approximately 10%

Test No: ITL7924 (calc)  
 Source: Chip on Board  
 Color Temp: 3500K  
 Total Fixture Lumens: 2100  
 S/MH: .99

Input Current  
 Voltage: Watts: Amps:  
 120 25 .21  
 277 25 .09



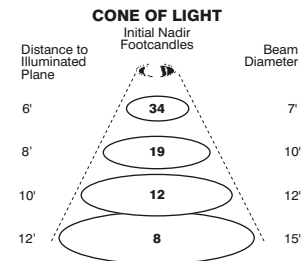
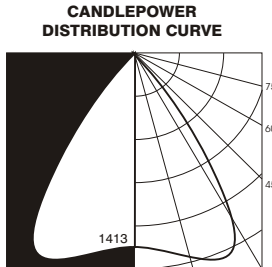
### 6BLRD-18-35K



Delivered Lumens, Photometrics and IES files are for standard 6BLRD open downlight. Lens Transmission Loss approximately 10%

Test No: 77924 (calc)  
 Source: Chip on Board  
 Color Temp: 3500K  
 Total Fixture Lumens: 1762  
 S/MH: .99

Input Current  
 Voltage: Watts: Amps:  
 120 19 .16  
 277 19 .07



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		CRI CONVERSION
3000K	4000K	90+
.98	1.04	.88

