

Type	Job. Ref.
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# 8BLRD

8" LED  
Recessed Downlight

1800 - 12000 Lumens

## PRODUCT SPECIFICATION DATA

### MECHANICAL

- Formed 16 ga. galvanized steel ceiling pan with built-in Plaster ring
- Adjustable to 1 1/2" ceiling thickness
- Bar hangers accommodate 27" span
- Sustainable - electrical components accessible through aperture

### ELECTRICAL

- Serviceable and upgradable light engine.
- Power supply is overload and short circuit protected
- -18 to -90 lumens standard with 0-10V dim to 1%
- -120 lumens standard with 0-10V dim to 10%
- Dimming options for Triac and Dim to Black.

### OPTICAL

- Self-flanged lower reflector
- 45° cutoff to source
- Medium distribution standard.

### PERFORMANCE

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

### LISTINGS

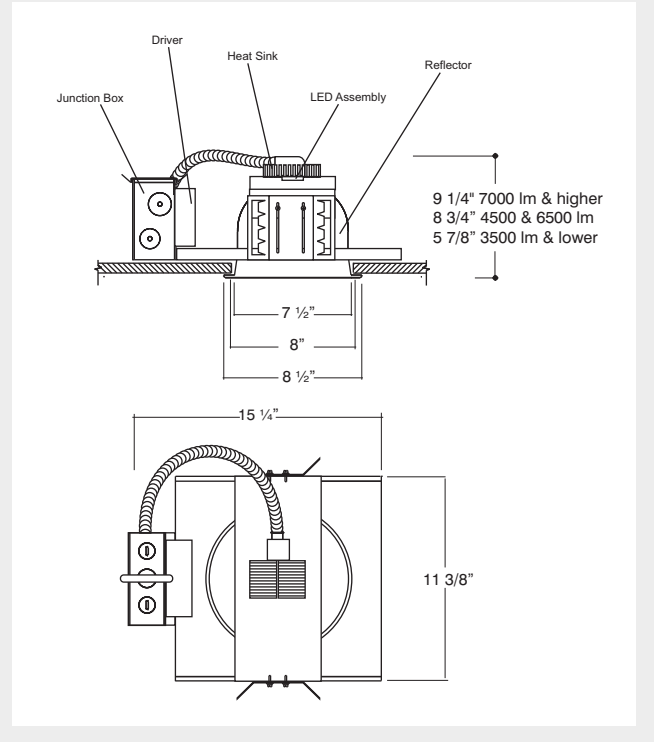
- ETL tested & listed to ANSI/UL1598 and CAN/CSA C22.2 No. 250.0-08
- Suitable for damp location
- For wet location select -WL option (consult factory for -120)

5 Year limited warranty.

Dimensions and specifications in this literature are subject to change.



## LED



	DELIVERED LUMENS @ 30K	DIMMING	COLOR TEMPERATURE	CRI	REFLECTOR	REFLECTOR OPTIONS	OPTIONS	VOLTAGE
<b>8BLRD</b>								
<b>8" LED Round Recessed Downlight</b>	-120 12300 lumens	-DMLV1 0-10v Dim to 1%*	-30K 3000 K	-80	-SH Soft Haze	-RC Reg. Clear Temp. Glass Lens	-F Fusing	-120
	-90 9103 lumens	-DMLV10 0-10v Dim to 10%**	-35K 3500 K	-90	-W White*	-RCA Reg. Clear Acrylic Lens	-WL Wet Location*** (lens required)	-277
	-75 7388 lumens	-DMT1 Triac Dim to 1%***	-40K 4000 K		-B Black*	-RPG Reg. Prismatic Temp. Glass Lens	-EML1 Emergency*	<b>Voltage MUST be Specified</b>
	-60 6209 lumens	-DMB Dim to Black (0.1%)****			<i>* Powder Coat Finish</i>	-RPA Reg. Prismatic Acrylic Lens	-EML4 Emergency**	
	-45 4316 lumens	-ND No Driver (Order Remote Driver Panel (RDP) separately.)+				-TRW Trim Ring White	-ITS Internal Test Switch	
	-35 3389 lumens					-TRB Trim Ring Black	-GTD Generator Transfer Device	
	-25 2453 lumens						-RETRO8 Retrofit Pan	
-18 1736 lumens								
		*-18 to -90 only standard **-120 only standard ***-18 to -60 only ****-18 to -45 only +-25 to -60 only				<i>Regressed Lens Holder is White Unless Specified Otherwise</i>	*-18 through -60 lumens ONLY **-75, -90 & -120 lumens ONLY *** No -WL on -120 lumen -EM Options Use Remote Test Switch	
		<b>DECORATIVE OPTIONS</b> ICE Suspended Clear/Etch Disk -ICE Soda Lime Temp. Glass -ICE-S SOLID Soda Lime Temp. Glass -ICE-C Colorless Temp. Glass -ICE-S-C SOLID Colorless Temp. Glass -ICE-O Open Soda Lime Temp. Glass -ICE-O-C SOLID Open Colorless Temp. Glass				<i>No Lens Available on the -120 lumen</i>		
						<b>SLOPED CEILING OPTIONS</b> -SCA814 Sloped Ceiling Adapter 10° to 14° -SCA819 Sloped Ceiling Adapter 16° to 19° -SCA822 Sloped Ceiling Adapter 20° to 22° -SCA826 Sloped Ceiling Adapter 24° to 26°		

White Unless Specified Otherwise. Cannot be used with decorative options.



8BLRD



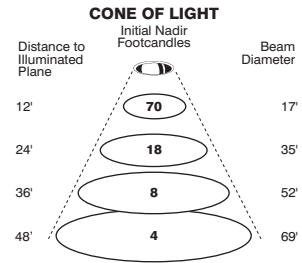
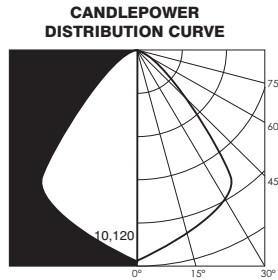
# 8BLRD

## 8" LED Recessed Downlight

### 8BLRD-120-30K-80-SH

Test No: CRT1703091219-002  
 Source: Chip on Board  
 Color Temp: 3000K  
 Total Fixture Lumens: 12,300  
 S/MH: 1.1

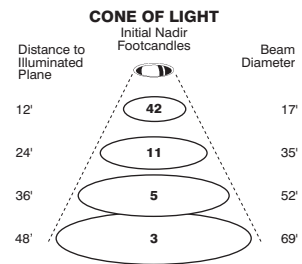
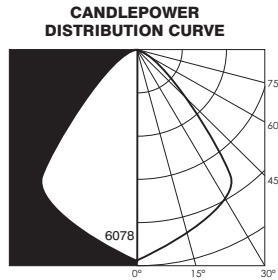
Input Current  
 Voltage: Watts: Amps:  
 120 132 1.10  
 277 132 .48



### 8BLRD-75-35K-80-SH

Test No: CRT1703091219-002 (calc)  
 Source: Chip on Board  
 Color Temp: 3000K  
 Total Fixture Lumens: 7388  
 S/MH: 1.16

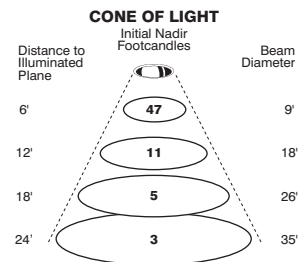
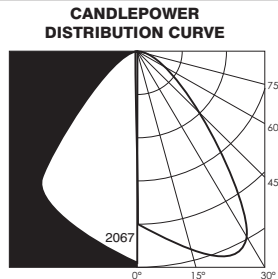
Input Current  
 Voltage: Watts: Amps:  
 120 61 .51  
 277 61 .22



### 8BLRD-35-35K-80-SH

Test No: CRT1703091219-002 (calc)  
 Source: Chip on Board  
 Color Temp: 3000K  
 Total Fixture Lumens: 3389  
 S/MH: 1.1

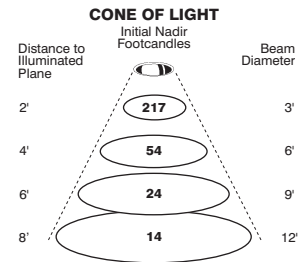
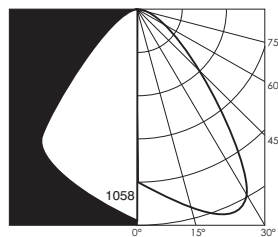
Input Current  
 Voltage: Watts: Amps:  
 120 34 .51  
 277 34 .22



### 8BLRD-18-35K-80-SH

Test No: CRT1703091219-002 (calc)  
 Source: Chip on Board  
 Color Temp: 3000K  
 Total Fixture Lumens: 1736  
 S/MH: 1.1

Input Current  
 Voltage: Watts: Amps:  
 120 18 .15  
 277 18 .06



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 = 136.7w	-45 = 48.0w
-90 = 101.1w	-35 = 37.7w
-75 = 82.1w	-25 = 27.3w
-60 = 69.0w	-18 = 19.3w

