

Type	Job. Ref.
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6BLRD

6" LED Recessed Downlight

1200 - 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
See Lumens Column for standard dimming

OPTICAL

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

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 -WL)

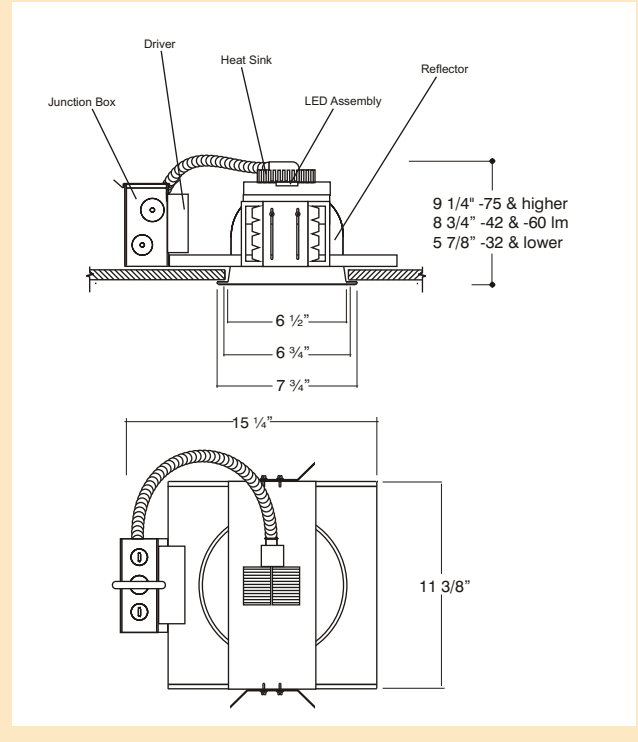
5 Year limited warranty.



Dimensions and specifications in this literature are subject to change.



LED



	DELIVERED LUMENS @ 35K	COLOR TEMPERATURE	CRI	REFLECTOR	REFLECTOR OPTIONS	OPTIONS	VOLTAGE
6BLRD							
6" LED Round Recessed Downlight	-120 12230 lumens ¹	-30K 3000 K	-80	-SH Soft Haze	-RC Reg. Clear Temp. Glass Lens	-F Fusing	-120
	-90 9050 lumens ¹	-35K 3500 K	-90	-W White*	-RCA Reg. Clear Acrylic Lens	-DMLV1 0-10v Dim to 1%*	-277
	-75 7447 lumens ¹	-40K 4000 K		-B Black*	-RPG Reg. Prismatic Temp. Glass Lens	-DMT1 Triac Dim to 1%**	Voltage MUST be Specified
	-60 5689 lumens ²			* Powder Coat Finish	-RPA Reg. Prismatic Acrylic Lens	-WL Wet Location*** (lens required)	
	-42 4309 lumens ²				-TRW Trim Ring White	-EML1 Emergency†	
	-32 3335 lumens ²				-TRB Trim Ring Black	-EML4 Emergency†	
	-22 2384 lumens ²				<i>Regressed Lens Holder is White Unless Specified Otherwise</i>	-ITS Internal Test Switch	
	-17 1747 lumens ²				No Lens Available on the -120	-GTD Generator Transfer Device	
	-12 1258 lumens ³					-RETRO6 Retrofit Pan	
	¹ 0-10v 10% Dim. ONLY					* -12 option ONLY	
² 0-10v 1% Dimming Std. See OPTIONS for Triac Dimming					** -12 thru -60 option ONLY		
³ 0-10v 10% Dimming Std. See OPTIONS for 1% & Triac Dimming					*** No -WL on -120 † -75 thru -120 use EML4 -EM Options Use Remote Test Switch		
				DECORATIVE OPTIONS ICE Suspended Clear/Etch Disk add to Trim		SLOPED CEILING OPTIONS	
				-ICE Soda Lime Temp. Glass	-SCA614 Sloped Ceiling Adapter 10° to 14°		
				-ICE-S SOLID Soda Lime Temp. Glass	-SCA619 Sloped Ceiling Adapter 16° to 19°		
				-ICE-C Colorless Temp. Glass	-SCA622 Sloped Ceiling Adapter 20° to 22°		
				-ICE-S-C SOLID Colorless Temp. Glass	-SCA626 Sloped Ceiling Adapter 24° to 26°		
					<i>White Unless Specified Otherwise. Cannot be used with decorative options.</i>		



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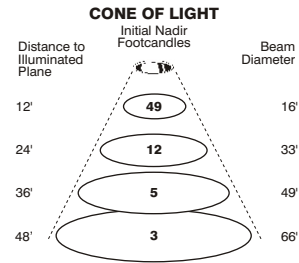
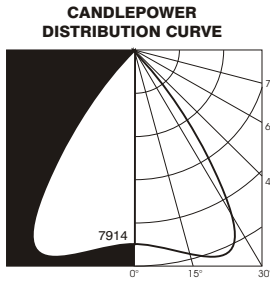
6" LED Recessed Downlight

6BLRD-120-35K-80-SH



Test No: CRT1701091211-001
 Source: Chip on Board
 Color Temp: 3500K
 Total Fixture Lumens: 12,230
 S/MH: .99

Input Current
 Voltage: Watts: Amps:
 120 127 1.06
 277 127 .46

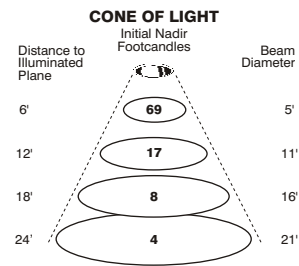
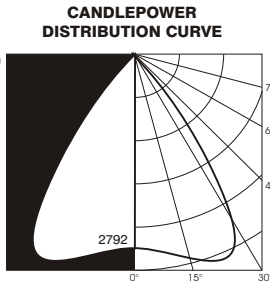


6BLRD-42-35K-80-SH



Test No: CRT1701091211 (calc.)
 Source: Chip on Board
 Color Temp: 3500K
 Total Fixture Lumens: 4315
 S/MH: .99

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

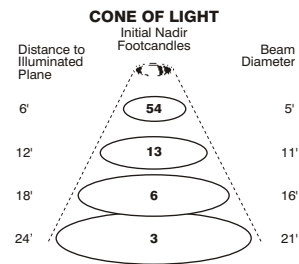
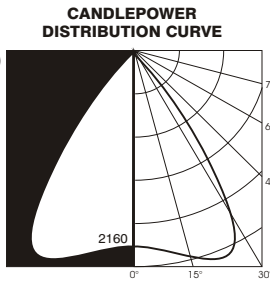


6BLRD-32-35K-80-SH



Test No: CRT1701091211 (calc.)
 Source: Chip on Board
 Color Temp: 3500K
 Total Fixture Lumens: 3339
 S/MH: .99

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

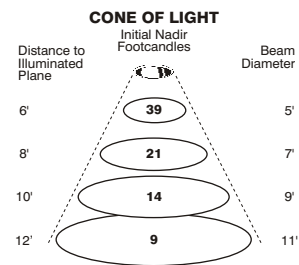
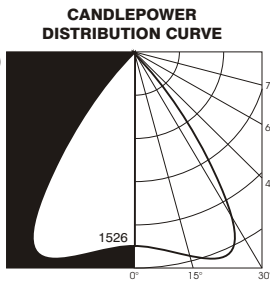


6BLRD-22-35K-80-SH



Test No: CRT1701091211 (calc.)
 Source: Chip on Board
 Color Temp: 3500K
 Total Fixture Lumens: 2359
 S/MH: .99

Input Current
 Voltage: Watts: Amps:
 120 27 .23
 277 27 .10

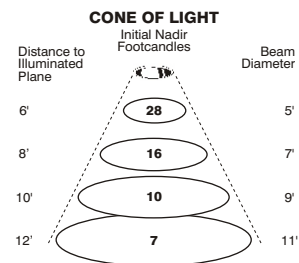
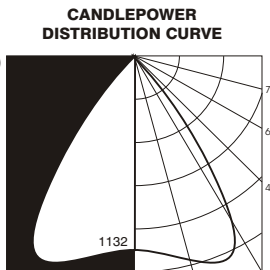


6BLRD-17-35K-80-SH



Test No: CRT1701091211 (calc.)
 Source: Chip on Board
 Color Temp: 3500K
 Total Fixture Lumens: 1750
 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

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	

