

Type	Job. Ref.
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4BLRD-S

4" Shallow LED Recessed Downlight

1200 - 3000 Lumens

PRODUCT SPECIFICATION DATA

MECHANICAL

- Precision formed 16 ga. galvanized steel ceiling pan with built-in plaster ring
- Accommodates up to 3/4" ceiling thickness
- Bar hangars accommodate 27" span

ELECTRICAL

- Serviceable and upgradable light engine.
- Power supply is overload and short circuit protected
- 0-10v 1% standard dimming
- Dimming options available: Dim to Black; and Triac

OPTICAL

- Self-flanged lower reflector
- 45° cutoff to source
- Medium distribution standard. Lens options for narrow, medium, wide and wall wash distributions.

PERFORMANCE

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

LISTINGS

- ANSI/UL1598 and CAN/CSA C22.2 No. 250.0-08
- Suitable for damp location

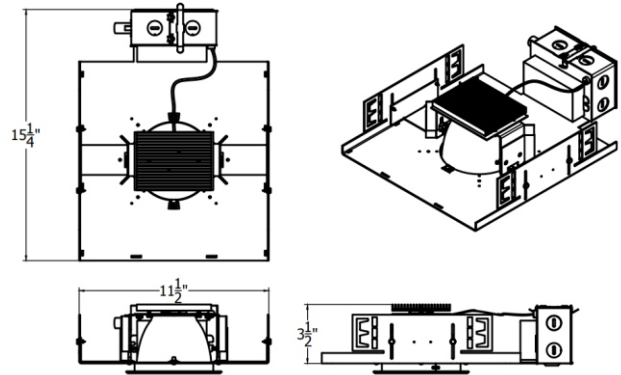
5 Year limited warranty.

Dimensions and specifications in this literature are subject to change.



LED

DIMENSIONS



	DELIVERED LUMENS @ 35K	DIMMING	COLOR TEMPERATURE	CRI	LENS HOLDER FINISH	LENS OPTIONS	OPTIONS	VOLTAGE
4BLRD-S								
4" LED Round Recessed Downlight	-30 3335 lumens	-DMT1 Triac Dim to 1%*	-30K 3000 K	-80	-LHW Lens Holder White*	-RND Narrow Distribution*	-F Fusing	-120
	-22 2384 lumens	-DMB Dim to Black (0.1%) No Driver (Order Remote Driver Panel (RDP) separately)**	-35K 3500 K	-90	-LHB Lens Holder Black*	-RMD Medium Distribution*	-EML1 Emergency*	-277
	-17 1747 lumens		-40K 4000 K		-LHN Lens Holder Natural Aluminum*	-RWD Wide Distribution*	-GTD Generator Transfer Device	Voltage MUST be Specified
	-12 1258 lumens					-RWWD Wall Wash Distribution* Reg. Prismatic Temp. Glass Lens Reg. Prismatic Acrylic Lens		
	*-12, -17 and -22 ONLY **- 22 ONLY 0-10v 1% Dimming Std. See OPTIONS for Triac Dimming			* Powder Coat Finish	Regressed Lens Holder is White Unless Specified Otherwise * See Page 2 for Distribution Performance	*Emergency Options Use Remote Mount Test Switch		



4BLRD-S



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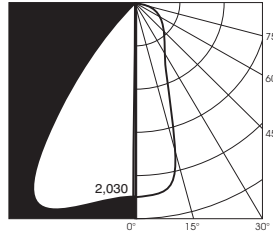
4" Shallow LED Recessed Downlight

NARROW 4BLRD-S-30-35K-80-SH-RND

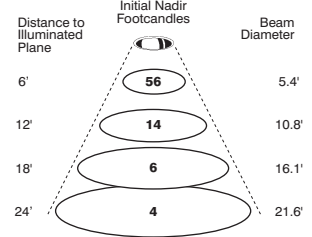
Test No: CRT19055171055-001+002-001
 Source: Chip on Board
 Color Temp: 3500K
 Total Fixture Lumens: 2,968
 S/MH: .99

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

CANDLEPOWER DISTRIBUTION CURVE



CONE OF LIGHT

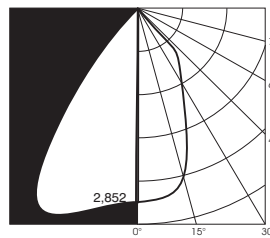


MEDIUM 4BLRD-S-30-35K-80-SH-RMD

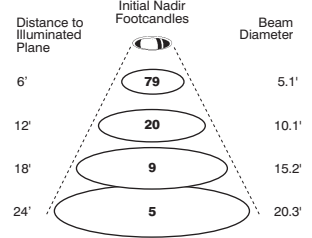
Test No: CRT19055171055-001+002-002
 Source: Chip on Board
 Color Temp: 3500K
 Total Fixture Lumens: 3,105
 S/MH: .99

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

CANDLEPOWER DISTRIBUTION CURVE



CONE OF LIGHT

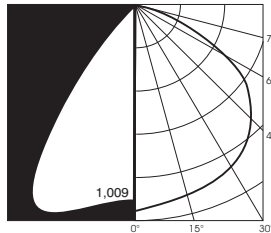


WIDE 4BLRD-S-30-35K-80-SH-RWD

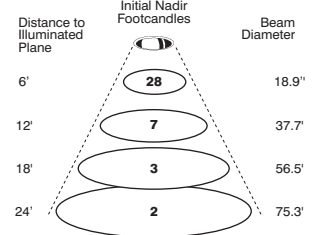
Test No: CRT19055171055-001+002-003
 Source: Chip on Board
 Color Temp: 3500K
 Total Fixture Lumens: 2,926
 S/MH: .99

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

CANDLEPOWER DISTRIBUTION CURVE



CONE OF LIGHT

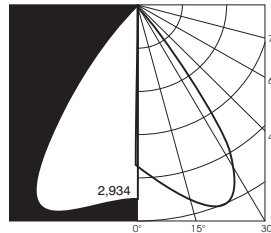


WALL WASH 4BLRD-S-30-35K-80-SH-RWWD

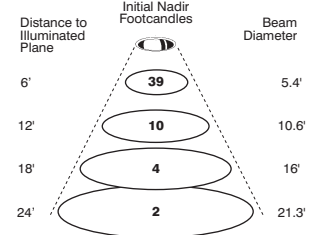
Test No: CRT19055171055-001+002-004
 Source: Chip on Board
 Color Temp: 3500K
 Total Fixture Lumens: 3,033
 S/MH: .99

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

CANDLEPOWER DISTRIBUTION CURVE



CONE OF LIGHT



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	
-30 = 33.3w	-17 = 18.7w
-22 = 27.0w	-12 = 12.7w

***DISTRIBUTION PERFORMANCE**
 Distribution lenses reduce delivered lumens by the following:

Distribution	Loss
Narrow	23%
Medium	34%
Wide	36%
Wall Wash	34%

