

Type	Job. Ref.
------	-----------



4BLRD-BU

4" Vandal Resistant LED Recessed Downlight for Behavioral Units

1200 - 5500 Lumens

PRODUCT SPECIFICATION DATA

MECHANICAL

- Precision formed 16 ga. galvanized steel ceiling pan with built-in plaster ring.
- 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 and options

OPTICAL

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

PERFORMANCE

- 1,200 to 5,500 delivered lumens
- CCT: 3000K; 3500K; 4000K @ 80+ CRI
- 70% lumen maintenance at 50,000 hours based on IESNA LM-80-2008.

LISTINGS

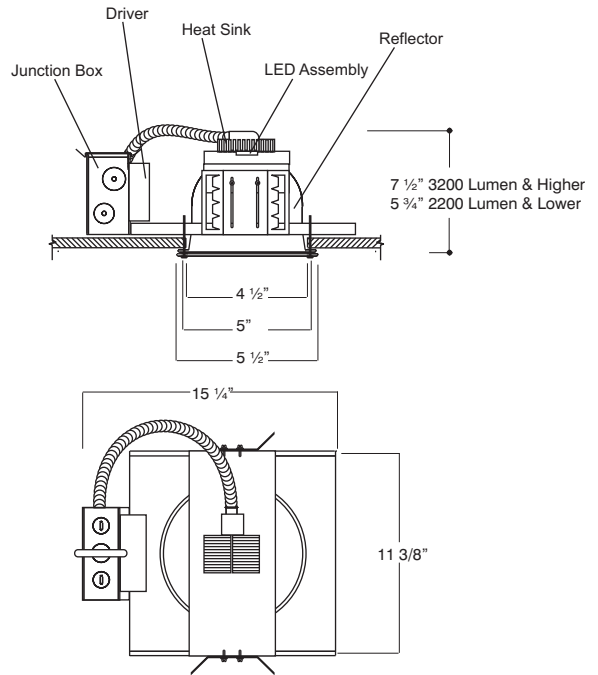
- ETL tested and listed to ANSI/UL1598 and CAN/CSA C22.2 No. 250.0-08
- Suitable for damp location. For wet location select -WL option

5 Year limited warranty.

Dimensions and specifications in this literature are subject to change.



LED



	DELIVERED LUMENS @ 35K	DIMMING	COLOR TEMPERATURE	CRI	VANDAL RESISTANT LENS	POWDERCOAT LENS HOLDER FINISH	OPTIONS	VOLTAGE
4BLRD-BU								
4" LED Round Recessed Downlight for Behavioral Units	-55 5471 lumens	-DMLV10 0-10v Dim to 10%*	-30K 3000 K	-80	-CP with .125 Clear Polycarbonate	-LHW White	-F Fusing	-120
	-42 4157 lumens		-35K 3500 K	-90		-LHB Black	-WL Wet Location	-277
	-32 3201 lumens	-DMLV1 0-10v Dim to 1%**	-40K 4000 K		-CP2 with two .125 Clear Polycarbonate	-LHN Natural Aluminum	-EML1 Emergency**	
	-22 2287 lumens					-LHW-AMF Antimicrobial White	-GTD Generator Transfer Device	Voltage MUST be Specified
	-17 1663 lumens	-DMT1 Triac Dim to 1%			-PP2 with one .125 Prismatic Polycarbonate and one .125 Clear Polycarbonate			
-12 1206 lumens								
		*Standard for -12					**Emergency Options Use Remote Mount Test Switch	
		**Option for -12 and Standard for -17 to -55						



4BLRD-BU



4BLRD-BU

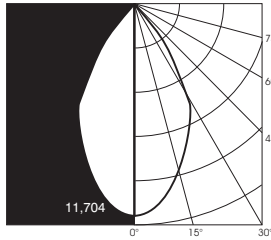
4" Vandal Resistant LED
Recessed Downlight

4BLRD-55-35K-80-SH

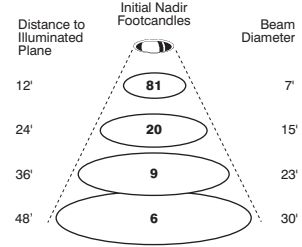
Test No: CRT1802201131-001 (calc)
Source: Chip on Board
Color Temp: 3500K
Total Fixture Lumens: 5471
S/MH: 1.0

Input Current
Voltage: Watts: Amps:
120 51 .43
277 51 .18

CANDLEPOWER DISTRIBUTION CURVE



CONE OF LIGHT

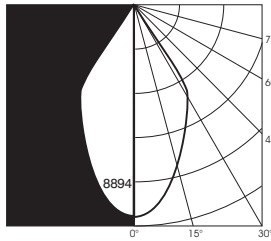


4BLRD-BU-42-35K-80-SH

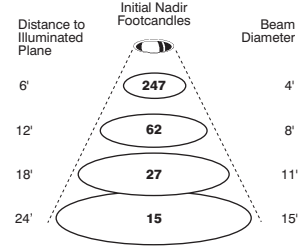
Test No: CRT1802201131-001
Source: Chip on Board
Color Temp: 3500K
Total Fixture Lumens: 4157
S/MH: 1.0

Input Current
Voltage: Watts: Amps:
120 49 .41
277 49 .18

CANDLEPOWER DISTRIBUTION CURVE



CONE OF LIGHT

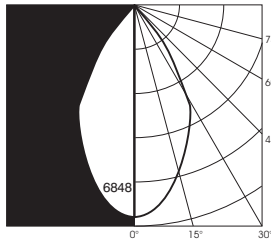


4BLRD-BU-32-35K-80-SH

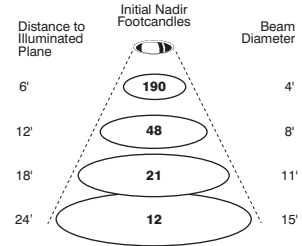
Test No: CRT1802201131-001 (calc)
Source: Chip on Board
Color Temp: 3500K
Total Fixture Lumens: 3201
S/MH: 1.0

Input Current
Voltage: Watts: Amps:
120 23 .19
277 23 .08

CANDLEPOWER DISTRIBUTION CURVE



CONE OF LIGHT

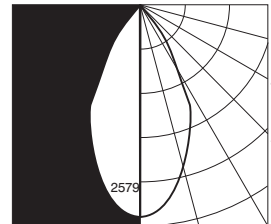


4BLRD-BU-12-35K-80-SH

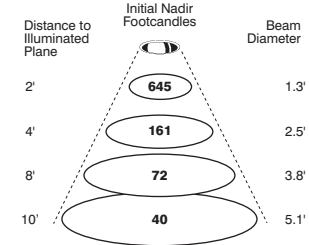
Test No: CRT1802201131-001 (calc)
Source: Chip on Board
Color Temp: 3500K
Total Fixture Lumens: 1206
S/MH: 1.0

Input Current
Voltage: Watts: Amps:
120 12.7 .11
277 12.7 .05

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	
-55 = 60.8w	-22 = 26.6w
-42 = 48.0w	-17 = 18.4w
-32 = 35.0w	-12 = 12.5w

