

Type	Job. Ref.
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6BLRD-VR

6" Vandal Resistant LED Recessed Downlight

1800 - 5000 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
 Bar hangers accommodate 27" span
 Sustainable - electrical components accessible through aperture
 Trim secured to housing with Torx Pin[®] stainless steel tamper resistant fasteners.
 Lens is sealed to trim

ELECTRICAL

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

OPTICAL

Powder coated aluminum splay with a variety lens options
 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 and listed to ANSI/UL1598 and CAN/CSA C22.2 No. 250.0-08
 Suitable for damp location
 For wet location select -WL option

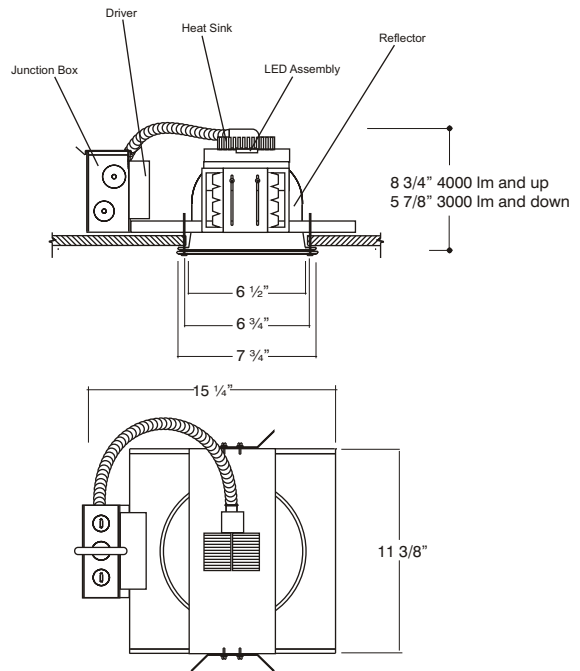
5 Year limited warranty.

Dimensions and specifications in this literature are subject to change.



0-10v Dimming Standard

LED



	DELIVERED LUMENS @ 35K	COLOR TEMPERATURE	CRI	VANDAL RESISTANT LENS	POWDERCOAT LENS HOLDER FINISH	OPTIONS	VOLTAGE
6BLRD-VR							
6" LED Round Recessed Downlight for Vandal Resistant	-50 4770 lumens	-30K 3000 K	-80	-CP with .125 Clear Polycarbonate	-LHW White	-F Fusing	-120
	-40 3843 lumens	-35K 3500 K	-90	-PP with .125 Prismatic Polycarbonate	-LHB Black	-EML1 Emergency Battery Backup	-277
	-30 2952 lumens	-40K 4000 K		-CG with .125 Clear Glass & .125 Clear Polycarbonate	-LHN Natural Aluminum	-GTD Generator Transfer Device	Voltage MUST be Specified
	-20 2099 lumens			-PG with .156 Prismatic Glass & .125 Clear Polycarbonate	-LHW-AMF Antimicrobial White	-WL Wet Location	
-18 1762 lumens					-EM options have Remote Test Switch.		



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6" Vandal Resistant LED
Recessed Downlight

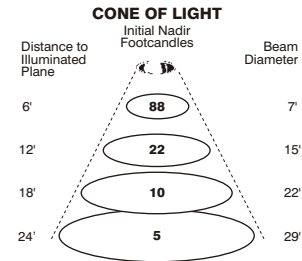
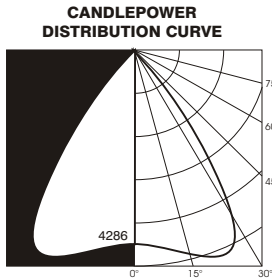
6BLRD-50-35K



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



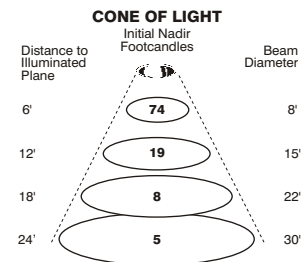
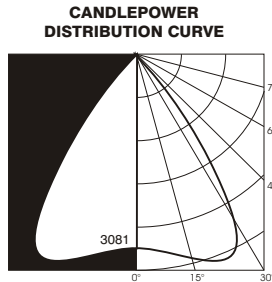
6BLRD-40-35K



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



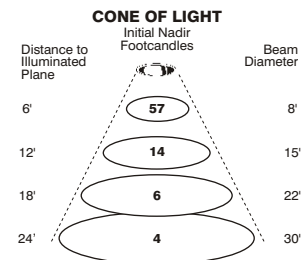
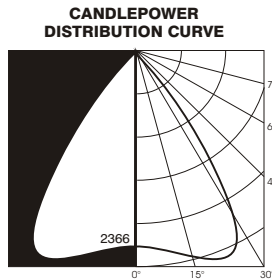
6BLRD-30-35K



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



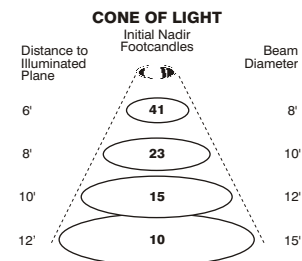
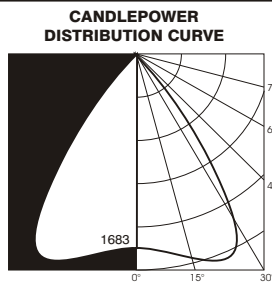
6BLRD-20-35K



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



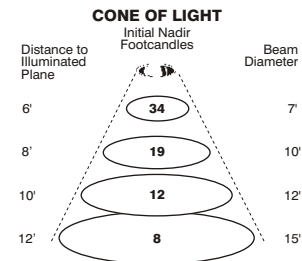
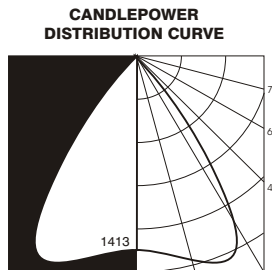
6BLRD-18-35K



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

