

Type	Job. Ref.
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12BLSD

12" LED Square Recessed Downlight

4000 - 10000 Lumens

PRODUCT SPECIFICATION DATA

MECHANICAL

Precision formed 16 ga. aluminum housing
 Accommodates up to 1 1/2" ceiling thickness
 One piece aluminum lens frame with neoprene gasket overlaps to trim out ceiling
 Bar hangar or flange mount (Bar hangers allow for 27" span)
 Sustainable - electrical components accessible through aperture

ELECTRICAL

Serviceable and ungradable light engine.
 Power supply is overload and short circuit protected
 Enclosed wiring compartment inside fixture
 Standard with 0-10V dim to 10% on -100.
 Standard with 0-10V dim to 1% on -40, -55 and -80.

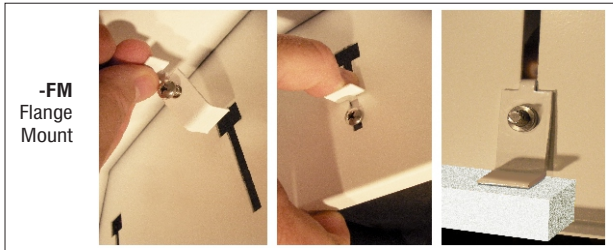
PERFORMANCE

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

TESTS

ETL tested and listed to ANSI/UL 1598
 Suitable for damp location
 For wet location select -WL option

5 Year limited warranty.



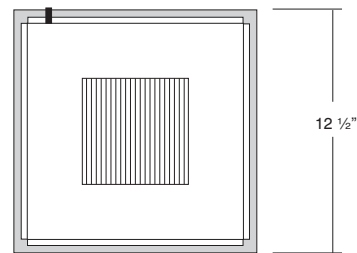
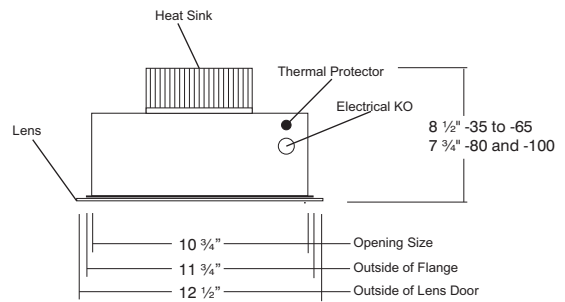
-FM
Flange
Mount

Dimensions and specifications in this literature are subject to change.



0-10v Dimming Standard

LED



	DELIVERED LUMENS @ 35K	COLOR TEMP.	CRI	LENS OPTIONS	POWDER COAT LENS HOLDER FINISH	MOUNTING	OPTIONS	VOLTAGE
12BLSD								
12" LED Square Recessed Downlight	-100 9779 lumens** -80 8019 lumens* -55 5281 lumens* -40 4009 lumens*	-30K 3000 K -35K 3500 K -40K 4000 K	-80 -90	-PG Prismatic Temp. Glass -WA White Acrylic -PA Prismatic Acrylic -RA #2423 Red Acrylic Darkroom Filter	-LHW Matte White -LHB Matte Black -LHN Natural -LHW-AMF Antimicrobial White	-BH Bar Hangers -FMK Flange Mount	-F Fusing -WL Wet Location -EML1 Emergency* -EML4 Emergency** -GTD Generator Transfer Device -ND No Driver (Order Remote Driver Panel (RDP) separately.) *-40 through -80 lumens ONLY **-100 lumens ONLY Emergency Options Use Remote Mount Test Switch	-120 -277 Voltage MUST be Specified
	* -40, -55 & -80 lumens Standard with 0-10V dim to 1%							
	** -100 lumens Standard with 0-10V dim to 10%							



12BLSD



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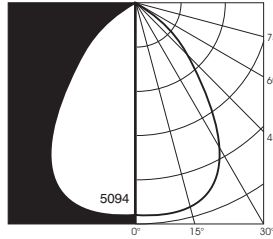
12" LED Square Recessed Downlight

12BLSD-100-35K-WPG

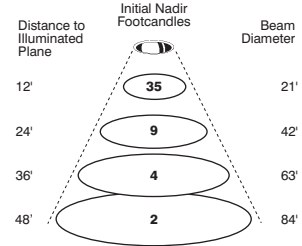
Test No: CRT1708281233-001
 Source: Chip on Board
 Color Temp: 3500K
 Total Fixture Lumens: 9779
 S/MH: 1.08

Input Current
 Voltage: Watts: Amps:
 120 97 0.81
 277 97 0.35

**CANDLEPOWER
DISTRIBUTION CURVE**



CONE OF LIGHT

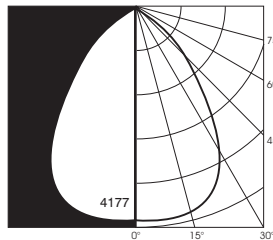


12BLSD-80-35K-PG

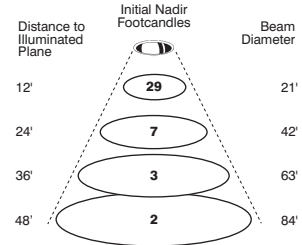
Test No: CRT1708281233-001
 Source: Chip on Board
 Color Temp: 3500K
 Total Fixture Lumens: 8019
 S/MH: 1.12

Input Current
 Voltage: Watts: Amps:
 120 89 0.74
 277 89 0.32

**CANDLEPOWER
DISTRIBUTION CURVE**



CONE OF LIGHT

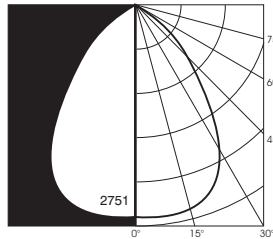


12BLSD-55-35K-PG

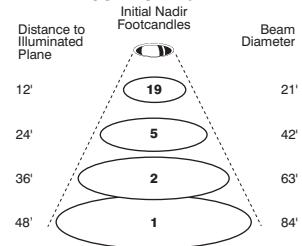
Test No: CRT1708281233-001
 Source: Chip on Board
 Color Temp: 3500K
 Total Fixture Lumens: 5281
 S/MH: 1.08

Input Current
 Voltage: Watts: Amps:
 120 57 0.48
 277 57 0.21

**CANDLEPOWER
DISTRIBUTION CURVE**



CONE OF LIGHT

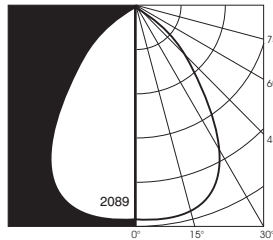


12BLSD-40-35K-PG

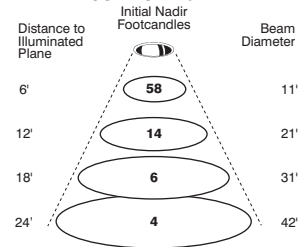
Test No: CRT1708281233-001
 Source: Chip on Board
 Color Temp: 3500K
 Total Fixture Lumens: 4009
 S/MH: 1.12

Input Current
 Voltage: Watts: Amps:
 120 46 0.38
 277 46 0.17

**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		CRI CONVERSION
3000K	4000K	90+
.98	1.04	.88

