



OPTICS SERIES 10mm Reflector

MECHANICAL / SPECIFICATIONS

MODEL:
7° "Spot"

TOP DIAMETER:
11.5mm (0.453")

BASE DIAMETER:
11.2mm (0.433")

HEIGHT:
10.0mm (0.249")

MODEL:
13° "Wide"

TOP DIAMETER:
9.7mm (0.433")

BASE DIAMETER:
11.2mm (0.433")

HEIGHT:
3.8mm (0.142")

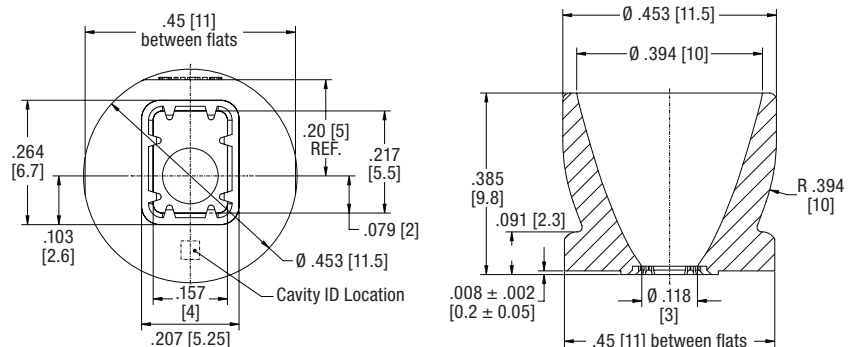
FEATURES & BENEFITS

- Only 11.5mm (0.453") maximum diameter
- Ideal for tightly spaced LED arrays
- Adhesive backing for easy installation. Adhesive rated from -40°C to +120°C (-40°F to +248°F)
- Automatic alignment feature
- Spot and wide versions available
- Universal version suites Cree XPC, XPE, XPG and standard Rebel LEDs

APPLICATION

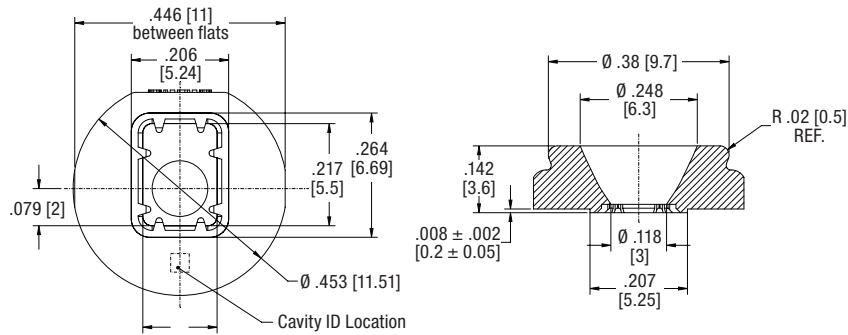
- Spot lighting
- Flood lighting
- Accent lighting
- RGB color mixing

DIMENSIONS inches [mm]



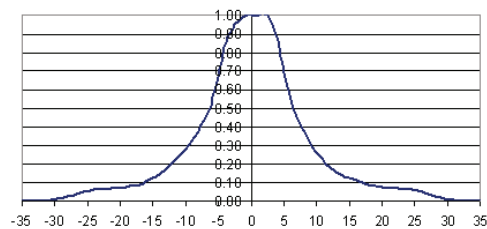
7° "Spot" Model

DIMENSIONS inches [mm]

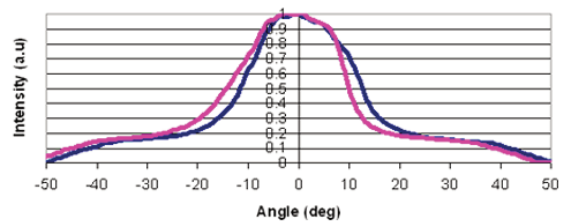


13° "Wide" Model

PHOTOMETRIC DATA



7° "Spot" Model



13° "Wide" Model

ORDERING INFORMATION

Part Number	Description	Degree*
OPC-11-COL	7 degree "spot" model (Luxeon only)	7°
OPC-12-COL	13 degree "wide" model (Luxeon only)	13°

VIBRATION TESTING

Test	Standard/Test Method
Vibration	Class A alternating 60°C to 25°C Twenty 12 minute cycles 5 200 Hz @ 4.2 g 3 axes
Shock	10g 11 mS Terminal Peak Sawtooth 3 axes



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