



# 6BLRD-MED-D

Sealed 6" LED Downlight with Distribution Lens  
for Surgical and Medical Treatment Rooms

**1,000 to 3,000 Lumens**

*Optimized to meet typical performance and specifications requirements for general ambient lighting in operating rooms, emergency departments and other treatment rooms.*

### MECHANICAL

- Precision formed 16 ga. galvanized steel ceiling pan with built-in plaster ring
- Cold rolled steel trim ring. Stainless Steel available, see options
- Lens Holder Finish in Antimicrobial White.
- Trim secured to housing with captive flush mount stainless steel screws and o-rings
- Adjustable to 1 1/2" ceiling thickness
- Bar hangers accommodate 27" span
- Gasketed and sealed to achieve IP-65 rating

### OPTICAL

- Narrow, Medium, Wide and Wall Wash distribution lenses available.
- CRI: 80, 90

### ELECTRICAL

- Serviceable and upgradable light engine
- Available with remote driver option to simplify future driver service
- Power supply is overload and short circuit protected
- Standard with 0-10V dimming to 1%
- Dimming options available: Dim to Black and Triac

### PERFORMANCE

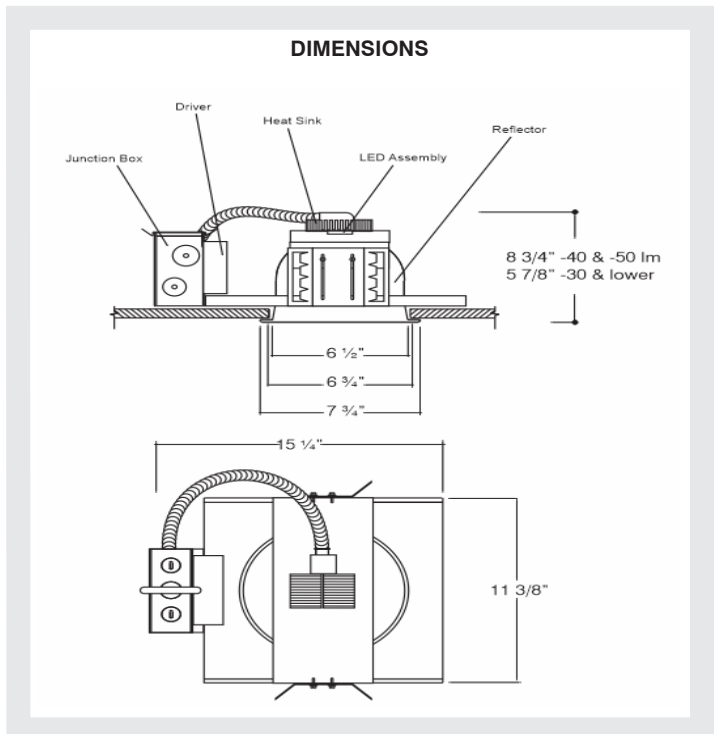
- 1,000 to 5,000 delivered lumens for variety of applications
- Color Temperature: 3000K, 3,500K, 4,000K, 5,000K CCT

### LISTINGS

- ETL tested and listed to ANSI/UL1598 and CAN/CSA C22.2 No. 250.0-08
- Wet location listed
- IP65 rating certified to IEC60598 standard
- Sanitation rated to the NSF2 Splash/Non-Food Zone standard

Consult factory for alternative materials, colors and refractor options.  
5 year limited warranty of LED and electrical components. See Peachtree terms for details.  
70% lumen maintenance at 50,000 hours based on IESNA LM-80-2008  
Dimension and specifications in literature subject to change.

Type	Job Ref.
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## 6BLRD-MED-D

	DELIVERED LUMENS @ 35K	DIMMING	COLOR TEMPERATURE	CRI	LENS**	OPTIONS	VOLTAGE
Sealed 6" LED	-30 3225 lumens -25 2534 lumens	-DMLV1 0-10v Dim to 1%* -DMT1 Triac dimming to 1%	-30K 3000 K -35K 3500 K -40K 4000 K	-80 -90	-ND Narrow Distribution* -MD Medium Distribution -WD Wide Distribution -WWD Wall Wash Distribution	-F Fusing -GTD Generator Transfer Device -ND No Driver (order RDP separate) -SS Stainless Steel Trim Ring -EML1 Emergency	-120 -277
Medical Downlight with Distribution Lens	-20 1919 lumens -12 1229 lumens	-DMB Dim to Black (Eldo Driver 0.1%)  <b>*Standard on all -10 to -30</b>			<b>*-12 to -25 ONLY</b>		

\*Consult factory for darkroom lenses, green lenses or other specialty lenses.



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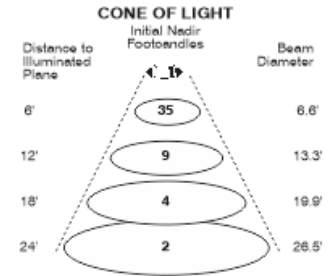
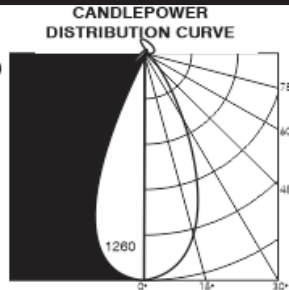
Sealed 6" LED Medical Downlight  
with Distribution Lens

## PHOTOMETRY

### NARROW 6BLRD-MED-D-25-35K-80-RND

Test No: CRT1903261103-002-010 (calc.)  
Source: Chip on Board  
Color Temp: 3500K  
Total Fixture Lumens: 1920  
S/MH: .99

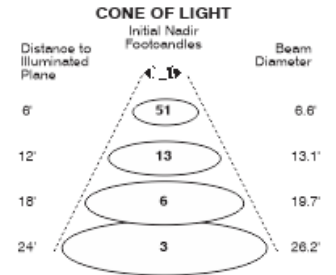
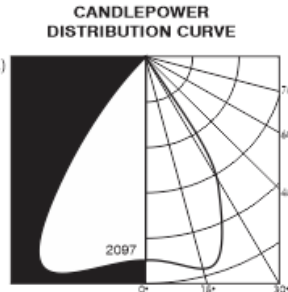
Input Current  
Voltage: Watts: Amps:  
120 32 .27  
277 32 .12



### MEDIUM 6BLRD-MED-D-30-35K-80-RMD

Test No: CRT1903261103-002-008 (calc.)  
Source: Chip on Board  
Color Temp: 3500K  
Total Fixture Lumens: 3224  
S/MH: .99

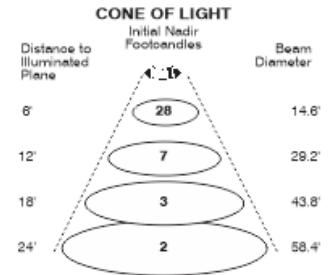
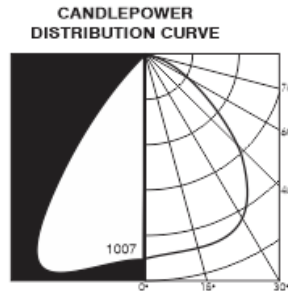
Input Current  
Voltage: Watts: Amps:  
120 37 .31  
277 37 .13



### WIDE 6BLRD-MED-D-30-35K-80-RWD

Test No: CRT1810051110-007 (calc.)  
Source: Chip on Board  
Color Temp: 3500K  
Total Fixture Lumens: 2506  
S/MH: .99

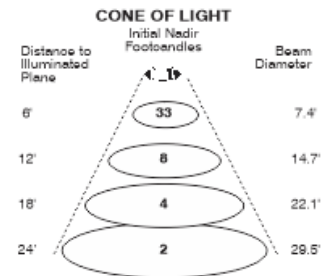
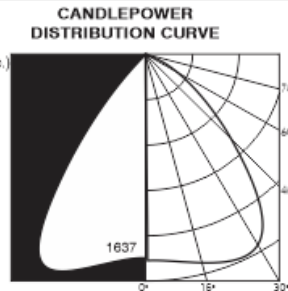
Input Current  
Voltage: Watts: Amps:  
120 37 .31  
277 37 .13



### WALL WASH 6BLRD-MED-D-30-35K-80-RWWD

Test No: CRT1903261103-002-011 (calc.)  
Source: Chip on Board  
Color Temp: 3500K  
Total Fixture Lumens: 2781  
S/MH: .99

Input Current  
Voltage: Watts: Amps:  
120 37 .31  
277 37 .13



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+	.99

Wattage by Lumen Package	
-32 = 35.0w	-17 = 18.4w
-22 = 26.6w	-12 = 12.5w