

Medical Green & White Surgical Downlight

Sealed Recessed Green/White LED Downlight with 6" Aperture and RF Filtering

- **For Medical Patient, Exam, & Operating Rooms**
- **IP65 Rating**
- **Provided With Line Voltage Filter for Conducted Emissions**
- **White & Green Separately controlled circuits**
- **0-10V 1% Dimming Standard For Each Color**
- **Made in the USA by a Family Owned US Corporation**



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ORDERING GUIDE

Series	Installation	Material	Size	LED Selection	Voltage	Baffle	Door (Trim)	Options
ML								
ML	SBD: Recessed (Suitable for Flange & Grid)	4: Non-Magnetic	8: 8" Housing	DLMG-540: Green Only DLMG-540-DLM15-840: 2 Circuit Green & White	UNV: 120V-277V	WB: White Grooved Baffle BB: Black Grooved Baffle NB: Nickel Baffle SR: Specular Reflector	Door (Trim) Finish WT: White Painted Trim ST: Polished Stainless Trim	10KV: 10kv Surge Protection FF: Fuse and Fuse Holder FPL: .118" Frost Polycarbonate Lens EM7: Remote Mount 7W Battery Pack (not available with 2 Circuit LED selection) LDE1: Lutron Hi-Lume 1% Ecosystem LED Driver SOFTB GRNPxL: Green Programmed to User Specified Lumen Value. WHTPxW: White Programmed to User Specified Lumen Value.

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SPECIFICATIONS

HOUSING: Stainless steel body and spun aluminum housing and plaster frame.

DOOR FRAME: Aluminum or stainless steel formed with continuous lens hold-down system and screwless entry. Cleanroom style construction with a smooth cleanable surface with no crevices.

GASKETS: One piece gasket located at interface of door to housing silicone seals the door to the lens.

REFLECTOR: Supplied with a wide variety of baffles and reflectors. See options for availability.

LENS: Clear non-prismatic .125" thick polycarbonate lens mechanically secured and silicone sealed to door frame. Optionally available with frosted polycarbonate lens.

ELECTRICAL: The LED is a green and white LED module with two channel inputs. Green LEDs are 540nm narrow spectrum high quality chips. White LEDs are 80+ CRI 4000K CCT and deliver about 1500 lumens. Each color is provided with its own driver to control the light when ordered as such and can be switched independently of each other. Standard drivers are class 2 0-10v dimming drivers that dim to 1%. Other control options are available. Drivers are also factory programmable, to specify a lower lumen output of red use the GRNPxL option and replace the "x" with the desired lumen output. To specify a lower light output of white use the WHTPxL option and replace the "x" with the desired lumen output.

INSTALLATION: Four adjustable L-brackets allow for seismic support and secure attachment to metal T-Bars, joists or structural metal framing. Sealed 1/2 inch trade size knockouts for wiring. Suitable for 1, 1.5 and 2 inch T-bar widths as well as drywall or plaster ceilings. Suitable for NON-IC installation.

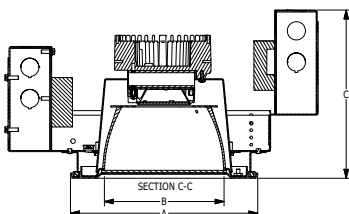
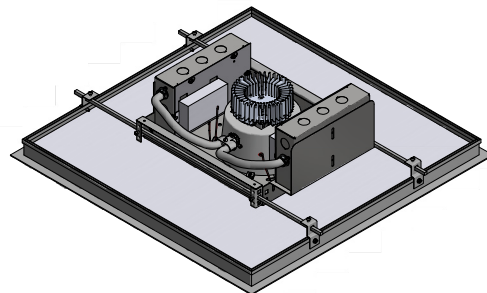
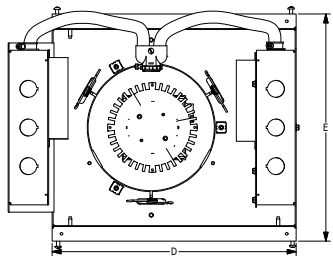
FINISH: Antimicrobial white polyester powder coat on doorframe surface. Stainless steel trims are satin polished.

LISTINGS: ETL Listed for Wet Locations. Suitable for non-IC installation. IP-65 dust and water jet resistance. IBEW Union Label. Compliant with MIL-461F for conducted and radiated emissions.

5/10 YEAR WARRANTY: The driver(s), LED's and EM packs are covered by a five (5) year warranty. The remaining fixture is covered by a ten (10) year warranty. See warranty statement at kurtzon.com for complete details

PRODUCT DRAWINGS

DOWNLIGHT REFERENCE DIMENSIONS						
MODEL	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F
SBD/IBD	9.00"	5.75"	8.00"	12.65"	11.75"	26.00"



12-AB-L-DOWNLIGHT 2CH: 4/07/2020

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ENERGY DATA

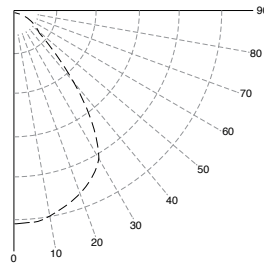
SEALED LED DOWNLIGHT - 540nm GREEN						
LIGHT PACKAGE	GREEN (540nm)			WHITE (80+ CRI; 4000k)		
	DELIVERED LUMENS	WATTAGE	EFFICACY	DELIVERED LUMENS	WATTAGE	EFFICACY
DLMG-540	713	11.4	62.8	NA		
DLMG-540-DLM15-840	549	8.8	62.8	1,600	18	88

- 1: DELIVERED LUMEN DATA IS EXTRAPOLATED FROM MEASURED DATA @25C WITH NO EXTRA OPTIONS.
- 2: WATTAGE IS MEASURED @ 120vAC AND Tambient = 25C. WATTAGES MAY VARY AND WHEN OPTIONS ARE SELECTED
- 3: MAX TEMP RATING IS WITH NO OTHER OPTIONS SELECTED.(NON-IC)

PHOTOMETRICS

ML-SBD-4-8-DLMG-540-UNV-WBWT GREEN LED

Report No: 21042.0
 Total Lumens: 713
 Wattage: 11.363
 Efficacy: 62.8 (Lumens Per Watt)
 Fixture Size: 6"
 Key:
 - - - - - 0
 · · · · · 45
 ————— 90



Relative Intensity | Green 540 LEDs

