

# Cleanroom KL Series Red & White Downlights

Sealed 6" Aperture Recessed Red/White LED Downlight for Cleanroom and Containment Installations.

- **IP65 Rated**
- **Suitable for ISO 5-9 Cleanspaces**
- **Suitable for 209E Class 100-100,000 Cleanspaces**
- **ETL Listed for Wet Locations**
- **White & Red 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
<b>KL</b>								
<b>KL</b>	<b>SBD:</b> Recessed (Suitable for Flange & Grid)	<b>4:</b> Non-Magnetic	<b>8:</b> 8" Housing	<b>DLMR-660:</b> Red Only <b>DLMR-660-DLM15-840:</b> 2 Circuit Red & White	<b>UNV:</b> 120V-277V	<b>WB:</b> White Grooved Baffle <b>BB:</b> Black Grooved Baffle <b>NB:</b> Nickel Baffle <b>SR:</b> Specular Reflector	<b>Door (Trim) Finish</b> <b>WT:</b> White Painted Trim <b>ST:</b> Polished Stainless Trim	<b>10KV:</b> 10kv Surge Protection <b>FF:</b> Fuse and Fuse Holder <b>FPL:</b> .118" Frost Polycarbonate Lens <b>EM7:</b> Remote Mount 7W Battery Pack (not available with 2 Circuit LED selection) <b>LDE1:</b> Lutron Hi-Lume 1% Ecosystem LED Driver SOFTB <b>REDPxL:</b> Red programmed to User Specified Lumen Value <b>WHTPxL:</b> 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 red and white LED module with two channel inputs. Red LEDs are 660nm 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 REDPxL 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.

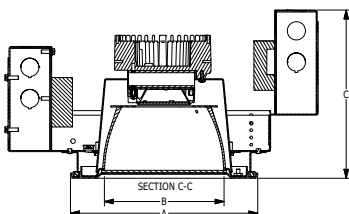
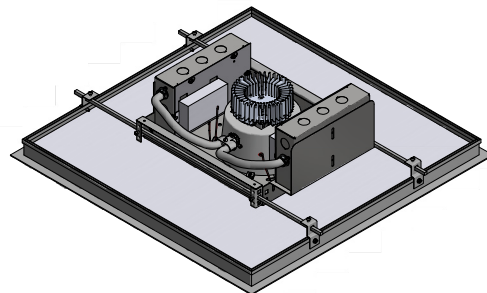
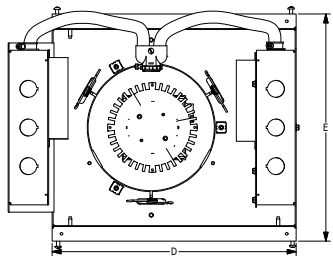
**FINISH:** White polyester powder coat on doorframe surface. Stainless steel trims are satin polished.

**LISTINGS:** ETL Listed for Wet Locations. Suitable for non-IC installation. IP-65 dust and water jet resistance. IBEW Union Label. Certified ISO-14644-1 classes 5 to 9 Fed. Std. 209E Class 100.

**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

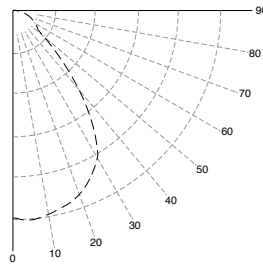
SEALED LED DOWNLIGHT - 660nm RED						
LIGHT PACKAGE	RED (660nm)			WHITE (80+ CRI; 4000k)		
	DELIVERED LUMENS	WATTAGE	EFFICACY	DELIVERED LUMENS	WATTAGE	EFFICACY
DLMR-660	238	10.6	22.5	NA		
DLMR-660-DLM15-840	183	8.2	22.5	1,600	18	88

- 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

### KL-SBD-4-8-DLMR-660-UNV-WBWT RED LED

Report No: 21041.0  
 Total Lumens: 238  
 Wattage: 10.580  
 Efficacy: 22.5 (Lumens Per Watt)  
 Fixture Size: 6"  
 Key:  
 - - - - - 0  
 . . . . . 45  
 \_\_\_\_\_ 90



Relative Intensity | Red 660 LEDs

