

HiLUMZ®

The Professional's LED Choice



DC BARREL MINI HIGH OUTPUT CAN DOWNLIGHT LED RETROFIT

image: Tennessee church, DC50 4080



THE DC BARREL MINI IS 3RD PARTY TESTED BY INTERNATIONAL TESTING AGENCIES FOR PRODUCT LIFE, HEAT MANAGEMENT AND LIGHT PERFORMANCE.



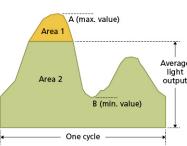
HiLUMZ PARTNERS WITH THE INDUSTRY'S PREMIER CONVERTER & CONTROL SYSTEMS, INCLUDING LUTRON AND OTHERS, TO OPTIMIZE DIMMING COMPATIBILITY.



WITH OVER 8,000 DC BARREL MINI UNITS INSTALLED AND UNDER WARRANTY, HiLUMZ DEMANDS THE HIGHEST STANDARDS OF PRODUCT QUALITY. SYSTEMS ARE DESIGNED TO FAR OUTLIVE THE WARRANTY PERIOD WITH MINIMAL LIGHT LOSS. EACH UNIT IS INDIVIDUALLY TESTED.



LATEST GENERATION COB LEDs WITH A LARGE SURFACE AREA FOR CLEAN APPLICATION AND EXCELLENT THERMAL CONDUCTIVITY. L₇₀ LIFETIME HOURS OF OVER 120,000 HOURS OR MORE.



THE DC BARREL MINI WAS DESIGNED AND IS BUILT, TESTED, AND SERVICED BY THE HiLUMZ ENGINEERING TEAM IN ALPHARETTA, GA.

LOGARITHMIC AND LINEAR PROGRAMMING DRIVERS ALLOW FOR FLICKER FREE WHILE PASSIVE COOLING ENSURES NO EXTRA NOISE (WHERE COMPETITORS USE FANS THAT GENERATE ~10dB).

FOCUS ON LIGHT QUALITY

The lighting environment of a Sanctuary, theater, lobby or atrium is paramount to the experience. The job of Facility Managers is to maintain and deliver these high standards in light output, color and dimming.

Traditional light sources like Halogen demand constant servicing and expense to maintain consistent color and output. Many in the Sanctuary and theater community have been hesitant to transition to LED since

it is not easy syncing up an immersive lighting experience with complex panels which must deliver the correct light for aging eyes to read fine print, along with nuanced and warm low-light to capture our theatrical senses while avoiding flicker and noise.

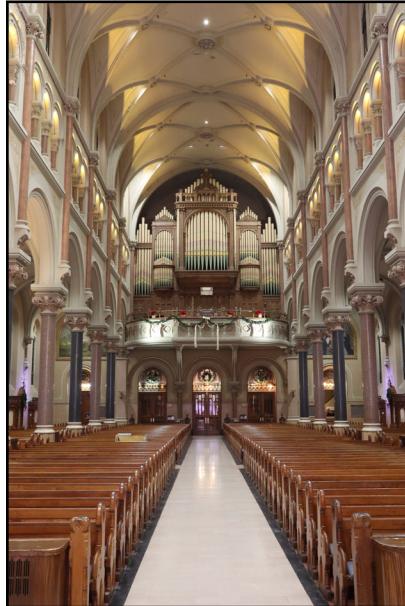


image: Boston Basilica, DC50 5080

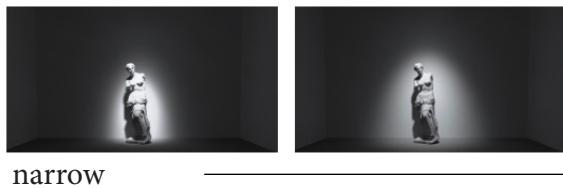
The DC Barrel's high output downlight has proven it meets these demanding performance criteria with hundreds of successful installations.

Get started with making a meaningful improvement to your facility.

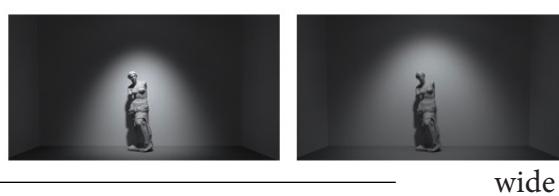
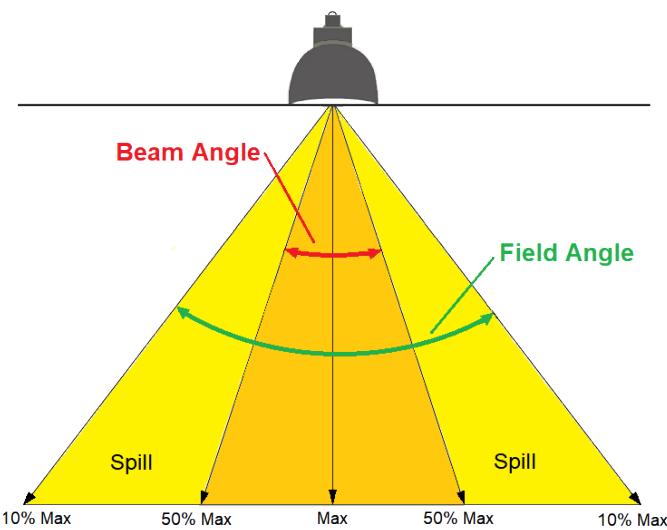
RECOMMENDED PHOTOMETRIC PERFORMANCE STANDARDS



N = NONE (115°)
 16 = 16° (REFLECTOR)
 25 = 25° (REFLECTOR)
 49 = 49° (REFLECTOR)
 65 = 65° (REFLECTOR)
 91 = 91° (REFLECTOR)
 Z = 180° BULB LENS



narrow

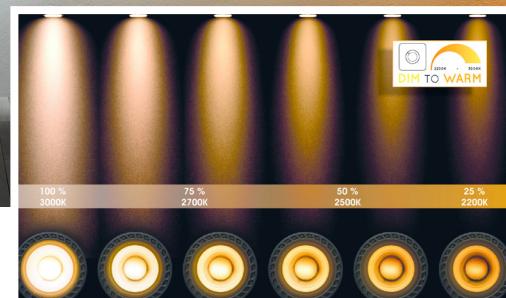


wide

CAREFULLY ENGINEERED AND PURPOSE BUILT TO MEET A WIDE RANGE OF NEEDS FOR SANCTUARY AND THEATRE LIGHTING

FULL COLOR SELECTION

OUR LED SELECTION TOOL ALLOWS FOR ANY KELVIN FROM 5000K (BRIGHT WHITE) TO 2200K (WARM).



PACKAGES UP TO 8,750 LUMENS

REPLACES:

- PAR 56
- PAR 64
- PAR 46
- 175, 250, 500 WATT HALOGEN & HALOGEN QUARTZ
- METAL HALIDE
- HIGH PRESSURE SODIUM



DIM TO WARM

ALLOWS FOR LIGHTING COLOR TO SHIFT WARM AS IT DIMS, CREATING A SUNSET/SUNRISE COLORSCAPE.

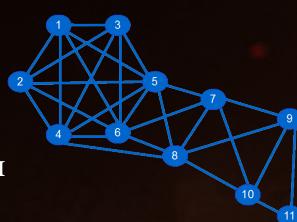
FULL MOUNTING SOLUTIONS

- E11 MINI CANDELABRAS
- E26 MEDIUM BASE
- BAYONET BASE
- TRIM KIT
- DIRECT WIRE PLATE MOUNT
- ATTACHMENT WITHIN EXISTING CAN



DIMMING SOLUTIONS

- TRIAC/LINE VOLTAGE DIMMING TO 5%
ALLOWS FOR EASE OF INSTALL WITH NO ADDITIONAL WIRING.
- 0-10V DIM TO BLACK
- DMX DIM TO BLACK
- REMOTE DRIVER SYSTEM
- BLUETOOTH WIRELESS MESH



HIGH PERFORMANCE CAN DOWNLIGHT LED RETROFIT

OVER 8,000 UNITS INSTALLED

DRIVER DEFECTIVE RATE, <0.5%

LIGHT ENGINE DEFECTIVE RATE, <0.2%



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AFTER

BEFORE

“

Solving our maintenance problems and lowering our power bill paid for the project, but the light performance is what exceeded our expectations the most. The team worked directly with our dimming system and made the system work better than ever. Beautiful light.

HiLUMZ USA

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GEORGIA-BASED SANCTUARY FACILITY MANAGER