HERCULUX™

H99 SERIES – DEEP PROFILE HOUSING

PROJECT INFORMATION

Job Name _____

Fixture Type _____

Catalog Number _____

Approved by _____

PRODUCT FEATURES:

» Surface mount – ceiling; 13"W×13"L×7"D

» One-piece heavy duty die-cast housing

» UV-stabilized, injection molded polycarbonate lens

» Stainless steel Torx® fasteners

SPECIFICATIONS

HOUSING: One-piece heavy duty die-cast, low-copper aluminum housing. Housing flange interlocks around lens producing maximum moisture deflection and resistance to prying. Housing provided with four standoff mounting holes. One 3/4" IPS tapped hole on back of housing. Two 3/4" IPS tapped and plugged holes on sides of housing – see Cross Section/Details. Standard housing in dark bronze TGIC polyester powder coat – 5-stage pre-treatment.

REFLECTOR: High reflectance painted aluminum.

LENS: One-piece wraparound lens (UV-stabilized, high impact, virgin injection molded polycarbonate). Smooth exterior, prismatic interior. Nominal thickness: 0.125".

VISOR: One-piece injection molded opaque dark bronze polycarbonate (UV-stabilized). Optional finishes to match housing. Nominal thickness .125". Visor allows for full-cutoff light output.

GASKET: Die-cut closed cell neoprene gasket seals die-cast housing to ceiling surface. Lens inset into housing and sealed to integral ledge with one "O" ring closed cell silicone gasket.

HARDWARE: Four captive stainless steel Torx® T-20 with center pin fasteners secure lens/visor to housing.

ELECTRICAL: Available in 3500K, 4000K, and 5000K color temperatures, 80 CRI. 120-277VAC or 347VAC, 50/60Hz electrical input with high power factor electronic, constant-current driver (>.90 PF). Standard 0-10V dimming with 1-100% range; maximum driver source of 200 µA.

SENSOR & CONTROLS: Optional sensor available with compatible third party controls. To see the full list of compatible controls, click here.

INSTALLATION: Standard four-point mounting required for Peace of Mind Guarantee®.

PHOTOMETRICS: Photometry tested to the IESNA LM-79-08 standard by an ILAC/ISO17025 accredited laboratory. For additional photometric data, please go to www.kenall.com.

WARRANTY: Limited five (5) year LED warranty. Peace of Mind Guarantee against breakage.

LISTINGS: Luminaire is certified to UL Standards by Intertek Testing Laboratory for Wet Location. Luminaire tested to an IK10 impact protection rating per IEC 60068-2-75:1997-08.

LED | PEACE OF MIND Guarantee® | c ETL US | IK10

ORDERING INFORMATION (Ex: H99DSD-PP-MB-25L40K-DV)

Model	Lens Type	Finish	Lamp Type	Voltage	Options	Accessories
H99DSD	**PP**					

Lens Type
PP Pearlescent Polycarbonate

Finish
DB Dark Bronze
FG Forest Green
LG Light Gray
MB Matte Black
MW Matte White
SL Silver
CC Custom Color (Consult factory)

Lamp Type
15L35K 15 Watt 3500K LED
15L40K 15 Watt 4000K LED
15L50K 15 Watt 5000K LED
25L35K 25 Watt 3500K LED
25L40K 25 Watt 4000K LED
25L50K 25 Watt 5000K LED

Voltage
120 120 Volts
277 277 Volts
347▼ 347 Volts
DV▼ 120-277 Volts

Options
BPC* Photo Control – Button Type (120 or 277V only)
LEL† LED Emergency Battery Backup (n/a with 347V)
20KV† 20KV/KA Surge Protection per IEEE/ANSI C62.41.2 Cat. A
FS Single Fuse & Holder
QMS*† Quick Mount System (n/a with 347V) – Damp Location Only (Mounting base ordered separately – see Accessories)

Accessories
9100C Quick Mount System Mounting Base – for use with QMS option fixtures (n/a with 347V)

† LEL not available in conjunction with QMS or 20KV
▼ n/a with BPC
* n/a with 347 or DV Voltage type

This product is able to comply with the latest domestic preference legislation, such as the Buy American Act (BAA), Trade Agreement Ace (TAA), Build America, Buy America Act (BABA), and others. It may be covered by patents found at www.kenall.com/patents.Content of specification sheets is subject to change; please consult www.kenall.com for current product details. ©2024 Kenall Mfg.Co.

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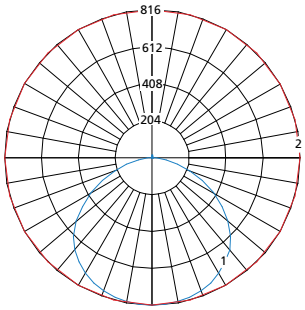
PERFORMANCE

Lamp Type	Initial Delivered Lumens @ 25°C	Efficacy (lm/W)	Input Power (W)	Drive Current (mA)	Estd. L_{70} LED Life (Hrs)
15L35K	1774	90	20	54	100,000
15L40K	1774	90	20	54	100,000
15L50K	1934	98	20	54	100,000
25L35K	2601	88	30	90	100,000
25L40K	2601	88	30	90	100,000
25L50K	2835	96	30	90	100,000

Info subject to change. Visit www.kenall.com for IES files and additional information.

Model: H99DSD-PP-MW-25L40K-DV

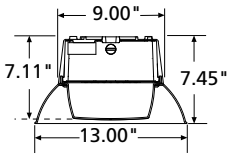


Max Candela = 816 Located At Horizontal Angle = 0, Vertical Angle = 0

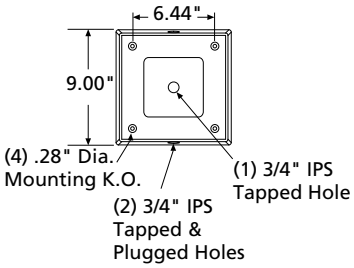
1 - Vertical Plane Through Horizontal Angles (0-180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)

DIMENSIONAL DATA

CROSS SECTION / DETAILS



BACK MOUNTING VIEW



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