HERCULUX™
H99 SERIES – DEEP PROFILE HOUSING

PRODUCT FEATURES:
» Surface mount – wall (H99ED), ceiling or wall (H99FD); nominal 9"W×9"L×7"D

» Heavy die-cast aluminum housing

» UV-stabilized, injection molded polycarbonate lens

» Stainless steel Torx® fasteners

H99ED   **H99FD**

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. Standard housing in dark bronze TGIC polyester powder coat – 5-stage pre-treatment. H99ED: Two 3/4" IPS tapped and plugged holes on top and bottom of housing – see Cross Section/Details. H99FD: Two 3/4" IPS tapped and plugged holes on sides of housing – see Cross Section/Details.

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".

EYELID: High-impact resistant, UV-stabilized injection molded opaque dark bronze polycarbonate. See Ordering Information for optional finishes to match housing.

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

HARDWARE: Four captive stainless steel Torx® with center pin fasteners secure lens/eyelid to housing. Shoulder fastener design and washer prevent lens/eyelid stress due to over torquing.

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.

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.

LISTINGS: Luminaire is certified to UL Standards by Intertek Testing Laboratory for Wet Location.

LED   **PEACE OF MIND** Guarantee®   ETL c/us

ORDERING INFORMATION (Ex: H99ED-PP-MB-25L40K-DV)

Model	Lens Type	Finish	Lamp Type	Voltage	Options	Accessories
	PP					

Model
H99ED Eyelid (wall mount only)
H99FD Full Face

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 H99ED, 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 H99ED, n/a with 347V)
9500 Torx® Screwdriver

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

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PERFORMANCE

| Model	Lamp Type	Initial Delivered Lumens @ 25°C	Efficacy (lm/W)	Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
H99ED	15L35K	1232	66	19	140	85,000
	15L40K	1232	66	19	140	85,000
	15L50K	1343	72	19	140	85,000
	25L35K	1806	64	28	117	85,000
	25L40K	1806	64	28	117	85,000
	25L50K	1969	70	28	117	85,000
H99FD	15L35K	2025	103	20	140	85,000
	15L40K	2025	103	20	140	85,000
	15L50K	2207	112	20	140	85,000
	25L35K	2969	101	30	117	85,000
	25L40K	2969	101	30	117	85,000
	25L50K	3236	110	30	117	85,000

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

Model: H99ED-PP-MW-25L40K-DV
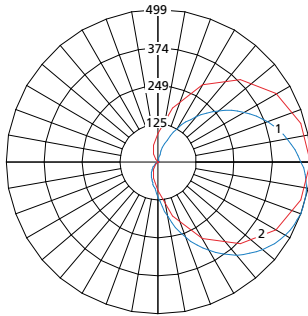
Max Candela = 499 Located At Horizontal Angle = 0, Vertical Angle = 72.5
1 - Vertical Plane Through Horizontal Angles (0-180) (Through Max. Cd.)
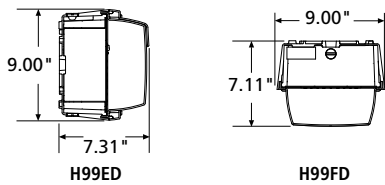2 - Horizontal Cone Through Vertical Angle (72.5) (Through Max. Cd.)
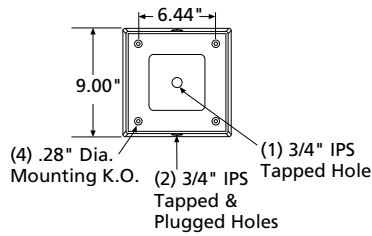
Model: H99FD-PP-MW-25L40K-DV
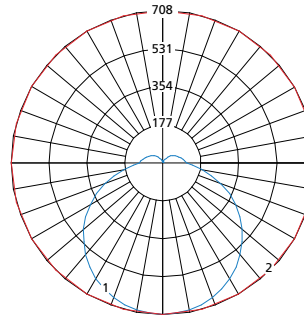
Max Candela = 708 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (0-180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)

DIMENSIONAL DATA

CROSS SECTION / DETAILS

H99ED — 9.00", 7.31"

H99FD — 9.00", 7.11"

BACK MOUNTING VIEW

6.44", 9.00"
(4) .28" Dia. Mounting K.O.
(2) 3/4" IPS Tapped & Plugged Holes
(1) 3/4" IPS Tapped Hole