MIGHTY MAC™

TCD SERIES

PROJECT INFORMATION

Job Name _____

Fixture Type _____

Catalog Number _____

Approved by _____

PRODUCT FEATURES:

» Corner mount, hinged door

» Available in 8"× 24" and 48" lengths

SPECIFICATIONS:

HOUSING: One-piece seam welded type 304 stainless steel construction. See Ordering Information for gauge and finish.

LENS: As specified – maximum inner/outer lens combination thickness .500" – see Ordering Information. Lens sealed to door with silicone caulk and secured with continuous lens retention angles. Kenall recommends a prismatic inner lens and a clear outer lens. Two clear lenses used in combination cannot be provided.

LENS RETENTION: Vertically adjustable continuous brackets – prime grade material. Secured to door with thru-studs.

DOOR: Type 304 stainless steel construction. See Ordering Information for gauge and finish. Door sealed to housing with closed-cell neoprene gasketing.

HINGE: Continuous heavy gauge stainless steel piano type hinge. Hinge welded to door and secured to housing.

FASTENERS: Torx® Head stainless steel fasteners standard. See Options for stainless steel center-pin reject Allen Head (AH) or Phillips Head (PH) fasteners.

FINISH: Brushed stainless steel finish (#4) or white TGIC polyester powder coat – 5-stage pre-treatment; Salt spray test: 1,000 hours; Reflectance: 92%.

LAMPS: Quantity and type as specified – see Ordering Information. Lamps supplied by others.

ELECTRICAL: LED only: Available 3500K, 4000K and 5000K color temperatures, 82 CRI. 120-277VAC, 50/60Hz electrical input with serviceable high power factor electronic, constant-current driver (<20% THD, >0.95 PF). Standard 0-10V dimming with 3-100% range. Electronic ballast <10% THD standard. See Ordering Information for multiple ballasts and optional equipment. Lamps by others.

INSTALLATION: For housing without wiring and mounting holes, see Field Drilled Installation Holes Option (FDIH).

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 warranty.

LISTINGS: UL and CUL listed for Wet Location. LED only: Luminaire is certified to UL 1598 and UL 8750 standards by Intertek Testing Services. See ordering information for wet location applications. Kenall certifies product by both Underwriters and Intertek Testing Laboratories.

LED

ORDERING INFORMATION (Ex: TCD-4-4/A-90L50K-DCC-DV-7/G-FS)

Model	Size	Hsg./Door Material	Lamp Qty	Lamp Type	Ballast Type	Ballast Qty	Voltage	Lens	Options
TCD		/						/	

Nominal Size
- **2** 8"×24"
- **4** 8"×48"

Housing/Door Material
- **3** 14-Ga SS (Painted)
- **4** 16-Ga SS (Painted)
- **A** 18-Ga SS (Painted)
- **6** 14-Ga SS (Brushed)
- **7** 16-Ga SS (Brushed)
- **B** 18-Ga SS (Brushed)

Lamp Quantity (n/a with LED)
- **1** One
- **2** Two
- **3** Three (F17T8 and F32T8 only)

Lamp Type

2' Nominal Length
- **17** F17T8
- **40B** F40TT

4' Nominal Length
- **45L35K** 45 Watt 3500K LED
- **45L40K** 45 Watt 4000K LED
- **45L50K** 45 Watt 5000K LED
- **67L35K** 67 Watt 3500K LED
- **67L40K** 67 Watt 4000K LED
- **67L50K** 67 Watt 5000K LED
- **90L35K** 90 Watt 3500K LED
- **90L40K** 90 Watt 4000K LED
- **90L50K** 90 Watt 5000K LED
- **32** F32T8
- **44** F48T8HO

Ballast/Driver
- **DCC** Dimming Constant Current (LED only)
- **IS** Instant Start Electronic <10% THD (T8,T8HO)
- **RS** Rapid Start Electronic <10% THD (CFL,T8,T8HO)
- **SB** Specified Ballast

Ballast Quantity (n/a with LED)
- **1** One
- **2** Two

Voltage
- **120** 120 Volts
- **277** 277 Volts
- **347**[l] 347 Volts
- **DV** 120-277 Volts

Lens (Inner/Outer)‡
- **0** No Lens
- **1** .125" Prismatic Acrylic
- **2** .125" Prismatic Polycarbonate
- **3** .125" Textured Polycarbonate
- **G** .125" Clear Polycarbonate
- **4** .156" Prismatic Polycarbonate
- **TG** .156" Textured Tempered Glass
- **6** .187" Prismatic Polycarbonate
- **7** .187" Clear Polycarbonate
- **8** .187" Clear Tempered Glass
- **9** .250" Clear Polycarbonate
- **A** .250" Clear Tempered Glass
- **B** .375" Clear Polycarbonate
- **C** .375" Clear Tempered Glass

Options
- **EL**[l]**†** Standard Lumen EL Pack
- **PEL**[l]**†** High Lumen EL Pack
- **SEL†** Specified EL Pack
- **AH** Allen Head fasteners
- **FDIH** Field Drilled Installation Holes
- **FS** Single Fuse & Holder
- **KO** Two 1/2" EMT Conduit Entry Knockouts(one per end cap)
- **PH** Phillips Head fasteners
- **SSIN** Stainless Steel Interior

‡ Refer to Lens specifications
[l] n/a with LED
† 25°C max ambient

[redacted]

MIGHTY MAC™

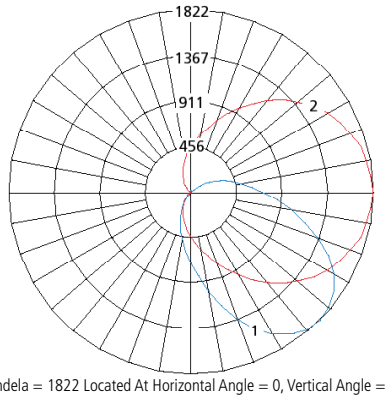
TCD SERIES – Technical Data

PERFORMANCE

Lamp Type	Initial Delivered Lumens @ 25°C	Efficacy (lm/W)	Input Power (W)	Drive Current (mA)	Estd. L_{70} LED Life (Hrs)
45L35K	3472	69	50	94	80,000
45L40K	3701	74	50	94	80,000
45L50K	3850	77	50	94	80,000
67L35K	4977	67	74	66	80,000
67L40K	5306	72	74	66	80,000
67L50K	5518	75	74	66	80,000
90L35K	6330	64	99	94	60,000
90L40K	6749	68	99	94	60,000
90L50K	7018	71	99	94	60,000

Displayed information is for selected luminaires only. Additional wattages and color temperatures are also available.
Visit www.kenall.com for additional information.

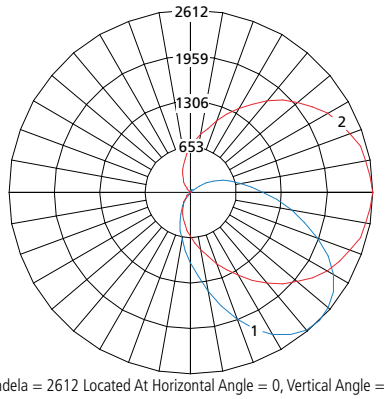
Model: CD-4-1/1-1-45L40K-DCC-1-DV-Y/B-1



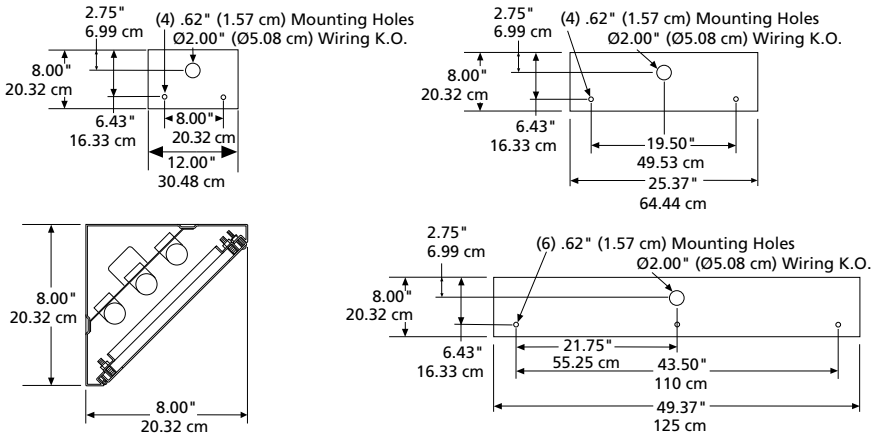
Maximum Candela = 1822 Located At Horizontal Angle = 0, Vertical Angle = 45

1 - Vertical Plane Through Horizontal Angles (0-180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (45) (Through Max. Cd.)

Model: CD-4-1/1-1-67L40K-DCC-1-DV-Y/B-1



Maximum Candela = 2612 Located At Horizontal Angle = 0, Vertical Angle = 45

1 - Vertical Plane Through Horizontal Angles (0-180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (45) (Through Max. Cd.)

DIMENSIONAL DATA