

MIGHTY MAC™

WCH SERIES

PRODUCT FEATURES:

- » Surface wall mount – (7"×11")×29", (7"×11")×53"
- » One aperture
- » TIG welded housing with no post grinding for additional strength
- » Vertically adjustable bracket secured to housing via thru-studs
- » Completely concealed internal drop slot piano hinge



PROJECT INFORMATION

Job Name _____

Fixture Type _____

Catalog Number _____

Approved by _____

SPECIFICATIONS

HOUSING: One-piece die-formed prime grade material as specified – see ordering information. Corners continuously seam welded and smooth with no post grinding (TIG). Clamshell housing resistant to penetration and contraband concealment. TGIC polyester powder coat – 5-stage pre-treatment. Salt spray test: 1,000 hours; Reflectance: 92%

BASEPLATE: Prime grade material as specified – see ordering information. Die-formed blade trap (1/4" minimum) prevents contraband concealment and access. Embossed standoffs prevent distortion.

LENS: As specified – maximum thickness .625" – see ordering information. 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 "Z" brackets of prime grade material, secured to housing via thru-studs (6" maximum spacing).

HINGE: 2" completely concealed internal drop slot piano hinge (1/2" knuckle/1/8" diameter pin) standard. Pin secured to knuckle. Hinge welded to housing and mounts to baseplate via keyholes. See Options for Full Length Internal Hinge (IHf).

FASTENERS: Hardened security screws as specified – see ordering information. Fully recessed.

LED ELECTRICAL: Available 3000K, 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, maximum driver source of 250 µA.

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

LAMPS: Quantity and type as specified – see ordering information. Lamps supplied by others.

BALLAST: Quantity and type as specified – see ordering information. All ballasts UL listed class P. Optional removable reflector/lamp/ballast tray with quick disconnect.

LUMINOUS SEAL: Polyurethane foam prevents light leaks from luminaire base.

INSTALLATION: Fixture not suitable for Surface Conduit or Continuous Row Mounting.

PHOTOMETRICS: For photometric information, go to www.kenall.com.

WARRANTY: Limited five (5) year LED warranty.

LISTINGS: UL and CUL listed for damp locations. LED only: Luminaire is certified to UL 1598 and UL 8750 standards by Intertek Testing Services for Damp Locations.



ORDERING INFORMATION (Ex: WCH-4-0/0-1-45L40K-DCC-DV-1/9-1)

Model	Size	Hsg./Base Plate	Lamp Qty	Lamp Type	Ballast Type	Circuit Qty	Voltage	Lens (Inner/Outer)	Fasteners	Options
WCH										
Nominal Size		Lamp Type		Voltage		Options				
2	(7"×11")×29"	2" Nominal Length		120	120 Volts	EL† Standard Lumen EL Pack				
4	(7"×11")×53"	17 F17T8		277	277 Volts	PEL† High Lumen EL Pack				
Housing/Base Material		4" Nominal Length		347	347 Volts	SEL† Specified EL Pack				
0	14-Ga CRS (Painted White)	45L30K	45 Watt 3000K LED	DV	120-277 Volts	COL* Convenience Outlet – Left side (as viewed facing fixture)				
1	16-Ga CRS (Painted White)	45L35K	45 Watt 3500K LED	Lens (Inner/Outer)‡		COR* Convenience Outlet – Right side (as viewed facing fixture)				
3	14-Ga SS (Painted White)	45L40K	45 Watt 4000K LED	0	No Lens	DLN LED Night Light w/Light Level Control (100% - 20%. Voltage specific selection required.)				
4	16-Ga SS (Painted White)	45L50K	45 Watt 5000K LED	1	.125" Prismatic Acrylic	FS Single Fuse & Holder				
6*	14-Ga SS (Brushed)	32	F32T8	2	.125" Prismatic Polycarbonate	GFIL* Ground Fault Outlet – Left side (as viewed facing fixture)				
7*	16-Ga SS (Brushed)	Ballast/Driver Type		3	.125" Textured Polycarbonate	GFIR* Ground Fault Outlet – Right side (as viewed facing fixture)				
9	12-Ga CRS (Painted White)	IS	Instant Start Electronic <10% THD (T8)	GA	.125" Clear Polycarbonate	IHF Full Length Internal Hinge				
Lamp Quantity		RS	Rapid Start Electronic <10% THD (T8)	4	.156" Prismatic Polycarbonate	RGT Removable Gear Tray				
1	One	DCC	Dimming Constant Current LED Driver	TG	.250" Textured Tempered Glass	RPL* Recessed Push Switch – Left side (as viewed facing fixture)				
2	Two (n/a with LED)	Circuit Quantity		6	.187" Prismatic Polycarbonate	RPR* Recessed Push Switch – Right side (as viewed facing fixture)				
		1	One	7A	.187" Clear Polycarbonate	SKL Speaker Hsg Extension – Left side (as viewed facing fixture)				
		2	Two	8A	.187" Clear Tempered Glass	SKR Speaker Hsg Extension – Right side (as viewed facing fixture)				
				9A	.250" Clear Polycarbonate	TCL* Touch Control Switch – Left side (as viewed facing fixture)				
				A	.250" Clear Tempered Glass	TCR* Touch Control Switch – Right side (as viewed facing fixture)				
				B	.375" Clear Polycarbonate	UV Ultraviolet Filter				
				C	.375" Clear Tempered Glass					
				J	.500" Clear Polycarbonate					
				P	.500" Clear Tempered Glass					
				SYM Symmetric, Diffused DR Acrylic						
				Fastener						
				1	Torx® T-20 Head w/ Center Pin					
				2	Allen Head w/ Center Pin					

- * n/a as Base Material
- ‡ Refer to lens specifications
- ♦ n/a with 347V
- † n/a with LED lamping
- ▲ Must be paired with prismatic, textured or diffused lens when ordering LED lamps
- Can only be used with clear or no outer lens



www.kenall.com | P: 800-4-Kenall | F: 262-891-9701 | 10200 55th Street Kenosha, Wisconsin 53144, USA

A brand of **Legrand**

This product complies with the Buy American Act: manufactured in the United States with more than 50% of the component cost of US origin. 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. ©2022 Kenall Mfg. Co.

MIGHTY MAC™

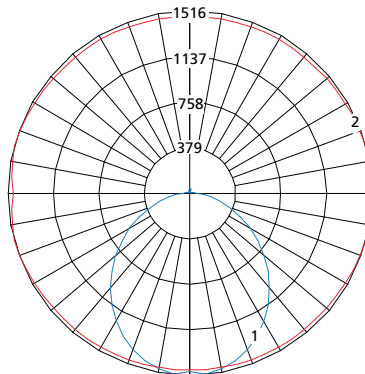
WCH SERIES

PERFORMANCE

Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
	@ 25°C	Efficacy (lm/W)			
45L30K	2,775	55	50	94	80,000
45L35K	2,860	57	50	94	80,000
45L40K	2958	59	50	94	80,000
45L50K	3076	62	50	94	80,000

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

Model: WCH-4-1/1-1-45L40K-DCC-1-DV

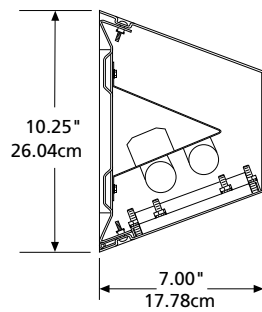


Maximum Candela = 1594 Located At Horizontal Angle = 0, Vertical Angle = 20

- 1 - Vertical Plane Through Horizontal Angles (0-180) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (20) (Through Max. Cd.)

DIMENSIONAL DATA

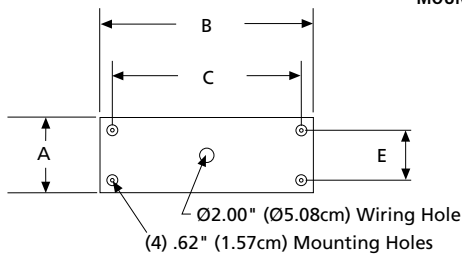
CROSS SECTION



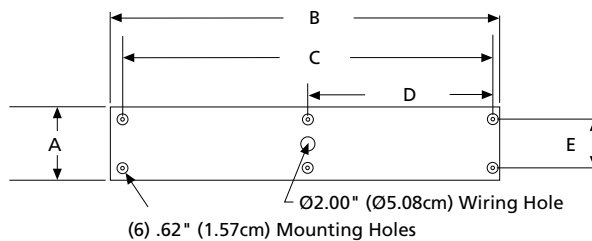
DIMENSIONAL DATA (IN INCHES & CM)

	A	B	C	D	E
29" Length	10.25	28.75	24.00	—	5.00
(73.66cm)	26.04cm	73.03cm	60.96cm	—	12.70cm
53" Length	10.25	52.75	48.00	24.00	5.00
(1.35m)	26.04cm	134cm	122cm	60.96cm	12.70cm

MOUNTING HOLES



29" (73.66cm) MOUNTING



53" (135cm) MOUNTING



www.kenall.com | P: 800-4-Kenall | F: 262-891-9701 | 10200 55th Street Kenosha, Wisconsin 53144, USA

This product complies with the Buy American Act: manufactured in the United States with more than 50% of the component cost of US origin. 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. ©2022 Kenall Mfg. Co.

A brand of Legrand