

MIGHTY MAC™

WCU SERIES

PRODUCT FEATURES:

- » Surface wall mount – (7"×11")×29", (7"×11")×53"
- » Two apertures provide up and down light
- » 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.

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 total thickness .625" – see Ordering Information. Kenall recommends a clear outer lens with a prismatic, textured or diffused inner 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.

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

FINISH: TGIC polyester powder coat – 5-stage pre-treatment. Salt spray test: 1,000 hours; Reflectance: 92%.

ELECTRICAL: LED only: Available 3000K, 3500K, 4000K and 5000K color temperatures, 82 CRI. 120-277VAC or 347VAC, 50/60Hz electrical input with serviceable high power factor electronic, constant-current driver (<20% THD, >0.95 PF). Standard 0-10V dimming with 1-100% range and dim-to-dark capabilities (non dim-to-dark with 347V); 330 µA max. source current. LF: 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.

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

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

WARRANTY: Limited five (5) year warranty on LED lamps.

LISTINGS: EL: UL and CUL Listed for Damp Locations. LED: Luminaire is certified to UL1598 and UL8750 standards by Intertek Testing Services for Damp Locations.



ORDERING INFORMATION (Ex: WCU-4-1/1-45L40K-DCC-DV-SYM/B-FS)

Model	Size	Hsg./Base Plate	Lamp Qty	Lamp Type	Driver/Ballast	Circuit Qty	Voltage	Lens (Inner/Outer)	Fasteners	Options
WCU		/	/					/		
Nominal Size		Lamp Type		Voltage		Options				
2	(7"×11")×29"	2' Nominal Length		DV	120-277 Volts	LEL Integral 8.4W Emergency Battery Backup (4' only; n/a 347V, 0°C min ambient)				
4	(7"×11")×53"	25L30K	25 Watt 3000K LED	120	120 Volts	LLEST Integral 6W Self-Testing Emergency Battery Backup (4' only; n/a 347V, 0°C min ambient)				
Housing/Base Material		25L35K	25 Watt 3500K LED	277	277 Volts	EL† Standard Lumen EL Pack				
0	14-Ga CRS (Painted)	25L40K	25 Watt 4000K LED	347	347 Volts	DLN LED Night Light w/Light Level Control (100% - 20% voltage specific selection required; n/a 347V)				
1	16-Ga CRS (Painted)	25L50K	25 Watt 5000K LED	Lens (Inner/Outer)‡		FS Single Fuse & Holder				
3	14-Ga SS (Painted)	17	F17T8	SYM• Symmetric, Diffused DR Acrylic (n/a as outer lens)		IHF Full Length Internal Hinge				
4	16-Ga SS (Painted)	4' Nominal Length		0 No Lens		RGT Removable Gear Tray				
6*	14-Ga SS (Brushed)	45L30K	45 Watt 3000K LED	1 .125" Prismatic Acrylic		RPL* Recessed Push Switch – Left side (as viewed facing fixture)				
7*	16-Ga SS (Brushed)	45L35K	45 Watt 3500K LED	2 .125" Prismatic Polycarbonate		RPR* Recessed Push Switch – Right side (as viewed facing fixture)				
9	12-Ga CRS (Painted)	45L40K	45 Watt 4000K LED	3 .125" Textured Polycarbonate		SKL Speaker Hsg Extension – Left side (as viewed facing fixture)				
Lamp Quantity (Up/Down)		45L50K	45 Watt 5000K LED	4 .156" Prismatic Polycarbonate		SKR Speaker Hsg Extension – Right side (as viewed facing fixture)				
Choose 1/1 for LED lamping (Uplight Component)		32	F32T8	TG .250" Textured Tempered Glass						
1	One	Driver/Ballast Type		6 .187" Prismatic Polycarbonate						
2	Two	IS	Instant Start Electronic <10% THD	7▲ .187" Clear Polycarbonate						
(Downlight Component)		RS	Rapid Start Electronic <10% THD	8▲ .187" Clear Tempered Glass						
1	One	DCC	Dimming Constant Current LED Driver	9▲ .250" Clear Polycarbonate						
2	Two	Circuit Quantity (n/a with LED)		A▲ .250" Clear Tempered Glass						
		1	One	B▲ .375" Clear Polycarbonate						
		2	Two	C▲ .375" Clear Tempered Glass						
				J▲ .500" Clear Polycarbonate						
				P▲ .500" Clear Tempered Glass						
				Fastener						
				1		Torx® T-20 Head w/ Center Pin				
				2		Allen Head w/ Center Pin				



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™

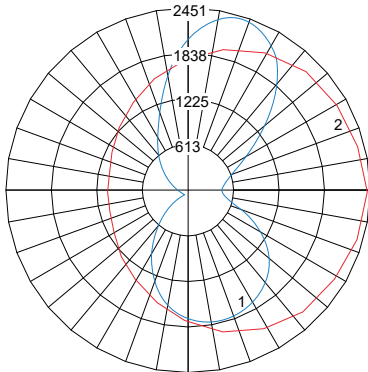
WCU SERIES

PERFORMANCE

Model	Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
		@ 25°C	Efficacy (lm/W)			
WCU-2	25L30K	4,416	78	57	117	80,000
	25L35K	4,552	80	57	117	80,000
	25L40K	4,708	83	57	117	80,000
	25L50K	4,901	86	57	117	80,000
WCU-4	45L30K	8,360	91	92	100	80,000
	45L35K	8,619	93	92	100	80,000
	45L40K	8,913	97	92	100	80,000
	45L50K	9,278	101	92	100	80,000

NOTE: All products tested with SYM/B lens configuration. See "Lumen Output Scaling Factor" table for output values with alternate lens configurations. Information subject to change without notice. Visit www.kenall.com for IES files and additional information.

Model: WCU-4-x-y-45L40K-DCC-z-SYM-B-1



Maximum Candela = 2354 Located At Horizontal Angle = 0, Vertical Angle = 70

- 1 - Vertical Plane Through Horizontal Angles (0-180) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (70) (Through Max. Cd.)

LUMEN OUTPUT SCALING FACTORS

Lens Configuration	Inner Lens	Outer Lens	Scaling Factor
SYM/G	1/8" Frost Acrylic	1/8" Clear PC	1.10
SYM/7		3/16" Clear PC	1.06
SYM/8		3/16" Clear TG	1.06
SYM/9		1/4" Clear PC	1.03
SYM/B		3/8" Clear PC	1.00
SYM/C		3/8" Clear TG	1.03
SYM/J		1/2" Clear PC	0.99
1/G	1/8" Prismatic Acrylic	1/8" Clear PC	1.04
1/9		1/4" Clear PC	0.99
1/B		3/8" Clear PC	0.99
2/J	1/8" Prismatic PC	1/2" Clear PC	0.87

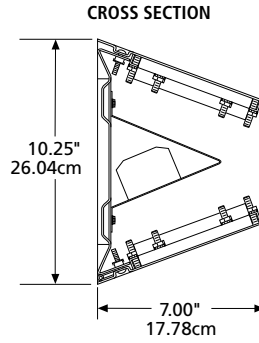
NOTE: Use this table to determine the lumen output and efficacy of the desired lens configuration by multiplying the provided value with the appropriate number in the "Performance" table above.



MIGHTY MAC™

WCU SERIES

DIMENSIONAL DATA



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
(135cm)	26.04cm	134cm	122cm	60.96cm	12.70cm

MOUNTING HOLES

