

MIGHTY MAC™

WCBU SERIES

PRODUCT FEATURES:

- » Surface wall mount – (9"×11")×29", (9"×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
- » Bull-nose edged for anti-ligature and patient safety



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 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.

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

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, maximum driver source of 250 µA LE; 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.

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

PHOTOMETRICS: Efficiency of WCBU4-0/0-332-IS-1-120-1/9-1 = 51.4%. Photometry tested to the IESNA LM-79-08 standard by an ILAC/ISO17025 accredited laboratory. For photometric information, go to www.kenall.com.

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: WCBU-4-0/0-1/1-45L40K-DCC-1-DV-1/B-1)

Model Size Hsg./Base Plate Lamp Qty Lamp Type Ballast/Driver Type Circuit Qty Voltage Lens (Inner/Outer) Fasteners Options

WCBU

Nominal Size		Lamp Type		Voltage		Options	
2	(9"×11")×29"	2' Nominal Length		120	120 Volts	EL†	Standard Lumen EL Pack
4	(9"×11")×53"	17	F17T8	277	277 Volts	PEL†	High Lumen EL Pack
Housing/Base Material		4' Nominal Length		DV		SEL†	
0	14-Ga CRS (Painted White)	45L35K	45 Watt 3500K LED	120-277 Volts		Specified EL Pack	
3	14-Ga SS (Painted White)	45L40K	45 Watt 4000K LED			COL ⁵	
6*	14-Ga SS (Brushed)	45L50K	45 Watt 5000K LED			Convenience Outlet – Left side (as viewed facing fixture)	
Lamp Quantity (Up/Down)		32		0		COR ⁵	
Choose 1/1 for LED lamping		F32T8		1		Convenience Outlet – Right side (as viewed facing fixture)	
(Uplight Component)				2		DLN	
1	One			3		LED Night Light w/Light Level Control	
2	Two			4		(100% - 20%. Voltage specific selection required)	
(Downlight Component)				6		FS	
1	One			7¹		Single Fuse & Holder	
2	Two			8¹		GFIL ⁵	
				9¹		Ground Fault Outlet – Left side (as viewed facing fixture)	
				A¹		GFIR ⁵	
				B¹		Ground Fault Outlet – Right side (as viewed facing fixture)	
				C¹		IHF	
				J¹		Full Length Internal Hinge	
				P¹		RGT	
				SYM•		Removable Gear Tray	
						RPL ⁵	
						Recessed Push Switch – Left side (as viewed facing fixture)	
						RPR ⁵	
						Recessed Push Switch – Right side (as viewed facing fixture)	
						SKL	
						Speaker Hsg Extension – Left side (as viewed facing fixture)	
						SKR	
						Speaker Hsg Extension – Right side (as viewed facing fixture)	
						TCL ⁵	
						Touch Control Switch – Left side (as viewed facing fixture)	
						TCR ⁵	
						Touch Control Switch – Right side (as viewed facing fixture)	
						TN ^{2†}	
						PL Night Light – 5/7/9 Watt	
						(Lamp supplied by others. 120 or 277 voltage specific selection required.)	
						UV	
						Ultraviolet Filter	

* n/a as Base Material

‡ Refer to lens specifications

⁵ n/a with 347V

† n/a with LED lamping

¹ 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

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WCBU-100418

MIGHTY MAC™

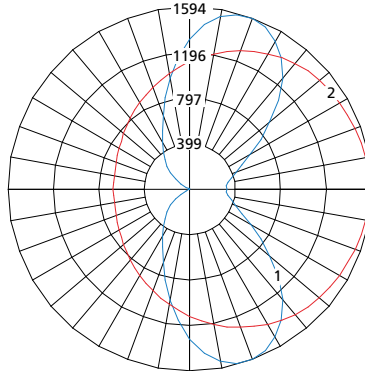
WCBU SERIES

PERFORMANCE

Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
	@ 25°C	Efficacy (lm/W)			
45L35K	5549	56	99	94	80,000
45L40K	5916	60	99	94	80,000
45L50K	6152	62	99	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.

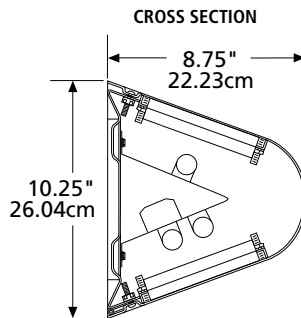
Model: WCBU-4-1/1-1/1-45L40K-DCC-1-DV



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.)

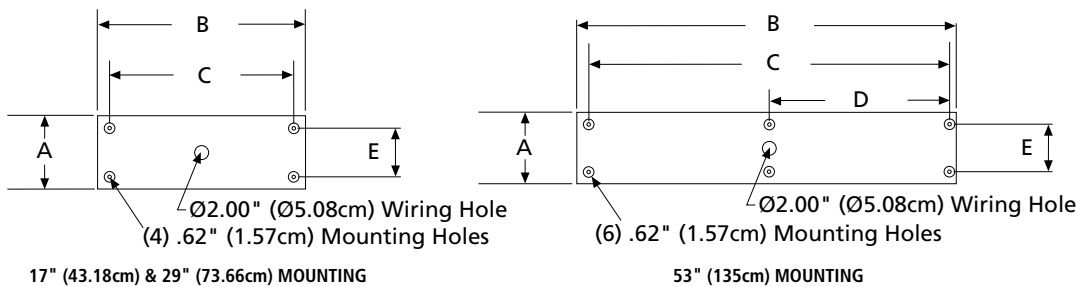
DIMENSIONAL DATA



DIMENSIONAL DATA (IN INCHES & CM)

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

MOUNTING HOLES



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