

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
- » Ligature resistant construction



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. Completely-concealed 24" 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). Gloss white TGIC polyester powder coat finish with 5-stage pre-treatment. Reflectance 92%. Salt spray test: 1,000 hours.

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

LENS: As specified – maximum thickness .625" – see Ordering Information. Kenall recommends the diffused DR acrylic (SYM) or textured/prismatic inner lens and a clear outer lens. Two clear lenses used in combination cannot be provided. Vertically adjustable continuous "Z" brackets of prime grade material, secured to housing via thru-studs (6" maximum spacing).

FASTENERS: Hardened security screws as specified – see Ordering Information. Fully recessed.

ELECTRICAL: Serviceable mid-power LED array with multiple CCT options. 82CRI minimum. Maximum 3-step MacAdam variation allowance. 120-277VAC and 347VAC, 50/60Hz electrical input with serviceable high power factor, constant-current LED driver (<20% THD, >0.95 PF). Standard 0-10V dimming with 1-100% range and dim-to-dark capabilities (non dim-to-dark on 347V input). 165µA maximum source current. Lamp Power option is per aperture and are separate circuits. Consult factory for linear fluorescent options.

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

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

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

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

PHOTOMETRICS: Photometry tested to the IESNA LM-79-08 standard by an independent ILAC/ISO17025 accredited laboratory. For additional photometric data, please go to www.kenall.com

LISTINGS: Luminaire is certified to UL 1598 and UL 8750 standards by Intertek Testing Services for Damp Locations. Ligature resistant construction.



ORDERING INFORMATION (Ex: WCBU-4-0/0-45L35K-DIM1-DV-SYM/B-1-LEL)

Model	Size	Hsg./Base Plate	Lamp Power	Driver Type	Voltage	Lens (Inner/Outer)	Fasteners	Options
WCBU		/		DIM1		/		
Nominal Size		Lamp Power		Lens (Inner/Outer)†		Options		
2	(9"×11")×29"	2' Nominal Length		0	No Lens	LEL Integral 8.4W Emergency Battery Backup (4' only, wired to down lamp; n/a 347V, 0°C min ambient)		
4	(9"×11")×53"	25L30K 25 Watt 3000K LED		1	.125" Prismatic Acrylic	LELST Integral 6W Self-Testing Emergency Battery Backup (4' only, wired to down lamp n/a 347V, 0°C min ambient)		
Housing/Base Material		25L35K 25 Watt 3500K LED		2	.125" Prismatic Polycarbonate	FS Fuse & Holder		
0	14-Ga CRS (Painted White)	25L40K 25 Watt 4000K LED		3	.125" Textured Polycarbonate	DLNA* Amber LED Night Light (100%-20%, voltage-specific selection required)		
3	14-Ga SS (Painted White)	25L50K 25 Watt 5000K LED		4	.125" Clear Polycarbonate	DLN* White LED Night Light (100%-20%, voltage-specific selection required)		
6*	14-Ga SS (Brushed)	4' Nominal Length		GA	.125" Clear Polycarbonate	IHF Internal Full-Length Hinge		
		45L30K 45 Watt 3000K LED		4	.156" Prismatic Polycarbonate	RPL* Recessed Push Switch - Left Side		
		45L35K 45 Watt 3500K LED		TG	.250" Textured Tempered Glass	RPR* Recessed Push Switch - Right Side		
		45L40K 45 Watt 4000K LED		6	.187" Prismatic Polycarbonate			
		45L50K 45 Watt 5000K LED		7A	.187" Clear Polycarbonate			
		Driver Type		8A	.187" Clear Tempered Glass			
		DIM1 0-10V Dimming to 1%		9A	.250" Clear Polycarbonate			
		Voltage		AA	.250" Clear Tempered Glass			
		120 120 Volts		BA	.375" Clear Polycarbonate			
		277 277 Volts		CA	.375" Clear Tempered Glass			
		347 347 Volts		JA	.500" Clear Polycarbonate			
		DV 120-277 Volts		PA	.500" Clear Tempered Glass			
				Fasteners				
				1 Torx® T-20 Head w/ Center Pin				
				2 Allen Head w/ Center Pin				



www.kenall.com | P: 800-4-Kenall | F: 262-891-9700 | 10200 55th Street Kenosha, Wisconsin 53144, USA
 This product can comply with the latest domestic preference legislation, such as the Buy American Act (BAA), Trade Agreement Act (TAA), Build America, Buy America Act (BABA), and others. 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. ©2024 Kenall Mfg. Co.

A brand of **legrand**

MIGHTY MAC™

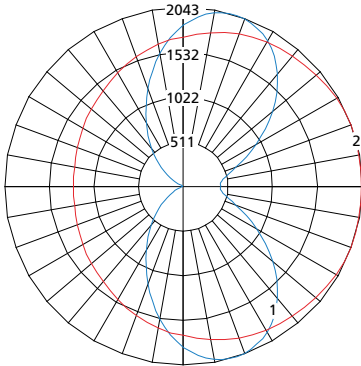
WCBU SERIES

PERFORMANCE

Lamp Power	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
	Lumen Output (lm)	Efficacy (lm/W)			
25L30K	4,348	77	57	117	80,000
25L35K	4,483	79	57	117	80,000
25L40K	4,636	82	57	117	80,000
25L50K	4,821	85	57	117	80,000
45L30K	8,233	88	94	100	80,000
45L35K	8,487	90	94	100	80,000
45L40K	8,777	94	94	100	80,000
45L50K	9,128	97	94	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: WCBU-4-x-y-45L40K-DIM1-z-SYM-B-1



Maximum Candela = 2043 Located At Horizontal Angle = 15, Vertical Angle = 17.5

- 1 - Vertical Plane Through Horizontal Angles (15-195) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (17.5) (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
1/9	1/4" Clear PC		0.99
1/B	3/8" Clear PC		0.99
2/J	1/8" Prismatic PC		1/2" Clear PC

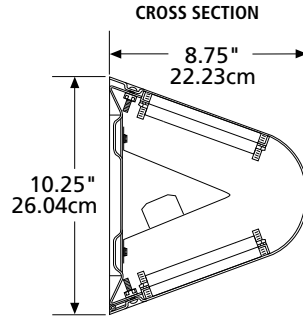
NOTE: Use this table to determine the lumen output and efficacy of the desired lens configuration by multiplying the provided value with the appropriate number in the "Performance" table above.



MIGHTY MAC™

WCBU SERIES

DIMENSIONAL DATA

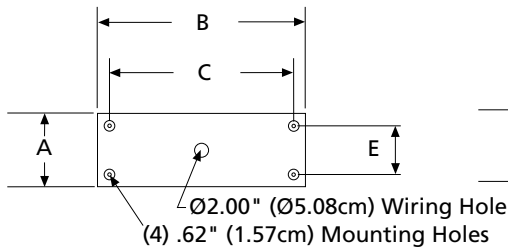


DIMENSIONAL DATA (IN INCHES & CM)

	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
(1.35m)	26.04cm	134cm	122cm	60.96cm	12.70cm

MOUNTING HOLES

29" (73.66cm) MOUNTING



53" (135cm) MOUNTING

