MIGHTY MAC™

WCB SERIES

PRODUCT FEATURES:

- » Surface wall mount (9"×11")×29", (9"×11")×53"
- » Single aperture down/task lighting
- » 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 Typ	e
Catalog No	umber
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 standoffs prevent distortion.

LENS: As specified — maximum thickness .625" — see Ordering Information. Kenall recommends the diffused DR acrylic (SYM) or textured/primatic 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. 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.





Mode	l Size I	Hsg./Base Pla	te Lamp Power		Driver Type	Voltage		Lens (Inner/Outer)	Fasteners	Options
WC	В	1			DIM1					
Nomi	nal Size	Lamp Po	wer	Lens	(Inner/Outer)‡		Option	ıs		
2	(9"×11")×29"	2' Nomin	al Length	0	No Lens		LEL	Integral 8.4W Emerg	ency Battery Backup	(4' only; n/a 347V, 0°C min ambier
4	(9"×11")×53"	25L30K	25 Watt 3000K LED	SYM	Symmetric, Diffused DR	Acrylic	LELST	Integral 6W Self-Test	ing Emergency Batte	ry Backup
		25L35K	25 Watt 3500K LED	1	.125" Prismatic Acrylic			(4' only; n/a 347V, 0°	C min ambient)	
Housi	ing/Base Material	25L40K	25 Watt 4000K LED	2	.125" Prismatic Polycark	onate	FS	Fuse & Holder		
0	14-Ga CRS (Painted White)	25L50K	25 Watt 5000K LED	3	.125" Textured Polycarb	onate	DLNA*	Amber LED Night Lig	ht (100%-20%, volt	age-specific selection required)
3	14-Ga SS (Painted White)			G▲	.125" Clear Polycarbona	ite	DLN*	White LED Night Ligh	it (100-20%, voltage	-specific selection required)
6*	14-Ga SS (Brushed)	4' Nominal Length		4	.156" Prismatic Polycark	onate	IHF	Internal Full-Length F	linge	
		45L30K	45 Watt 3000K LED	TG	.250" Textured Tempere	d Glass	RPL*	Recessed Push Switch	n - Left Side	
		45L35K	45 Watt 3500K LED	6	.187" Prismatic Polycark	onate	RPR*	Recessed Push Switch	n - Right Side	
		45L40K	45 Watt 4000K LED	7▲	.187" Clear Polycarbona	ite			3	
		45L50K	45 Watt 5000K LED	8▲	.187" Clear Tempered G	lass				
				9▲	.250" Clear Polycarbona	ite	* n/a a	as Base Material		
		Driver Ty	pe	A▲	.250" Clear Tempered G	lass	‡ Refer	r to lens specifications		
		DIM1	0-10V Dimming to 1%	B▲	.375" Clear Polycarbona	ite	◆ n/a v	vith 347V		
			3	C▲	.375" Clear Tempered G	lass	▲ Must	be paired with prisma	tic, textured or diffu	sed lens
		Voltage		J▲	.500" Clear Polycarbona			only be used with clea		
		120	120 Volts	P▲	.500" Clear Tempered G			,		
		277	277 Volts							
		347	347 Volts	Faste	ners					
		DV	120-277 Volts	1	Torx® T-20 Head w/ Cen	ter Pin				
				2	Allen Head w/ Center Pi	n				

MIGHTY MAC™

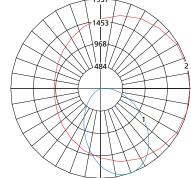
WCB SERIES

PERFORMANCE

	Initial Deliver	ed Lumens			
Lamp Power	Lumen Output (lm)	Efficacy (lm/W)	Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
25L30K	2,001	70	28	117	80,000
25L35K	2,063	73	28	117	80,000
25L40K	2,133	75	28	117	80,000
25L50K	2,218	78	28	117	80,000
45L30K	3,788	81	47	100	80,000
45L35K	3,905	83	47	100	80,000
45L40K	4,039	86	47	100	80,000
45L50K	4,200	89	47	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: WCB-4-x-y-45L40K-DIM1-z-SYM-B-1



 $Maximum\ Candela = 1937\ Located\ At\ Horizontal\ Angle = 0,\ Vertical\ Angle = 20$

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

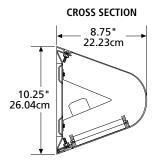
LUMEN OUTPUT SCALING FACTORS

Lens Configuration	Inner Lens	Outer Lens	Scaling Factor	
SYM/G		1/8" Clear PC	1.10	
SYM/7		3/16" Clear PC	1.06	
SYM/8	1/8" Frost Acrylic	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	2/J 1/8" Prismatic 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™ WCB SERIES

DIMENSIONAL DATA



DIMENSIONAL DATA (IN INCHES & CM)								
	A	В		D	E			
29" Length	10.25	28.75	24.00	_	5.00			
(73.66cm)	26.04cm	73.03cm	60.96cm		12.70cm			
53" Length (1.35m)	10.25 26.04cm	52.75	48.00	24.00 60.96cm	5.00 12 70cm			
(1.35M)	26.U4CM	134CM	122CM	60.96CM	12.70cm			

MOUNTING HOLES

