

MIGHTY MAC™

CC SERIES - TUNABLE WHITE LED

PRODUCT FEATURES:

- » High-output, high-CRI LED lamp sources with 2700K-6500K white tuning capability
- » Surface corner mount with hinged clamshell construction
- » TIG-welded housing without post-weld grinding for additional strength
- » Clamshell design prevents contraband concealment



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 0.625" – see Ordering Information. High-efficiency diffused DR acrylic inner lens.

LENS RETENTION: Vertically adjustable continuous "Z" brackets of prime grade material, secured to housing via thru-studs (6" maximum spacing).

HINGE: 2' continuous heavy gauge internal 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%.

LED MODULE: Serviceable tunable-white, mid-power LED array provides 2700K through 6500K CCT range with a two-point path. Minimum 82 CRI standard (R9 >20) with optional minimum 90 CRI (R9 >50).

DRIVER: 120-277VAC, 50/60Hz electrical input (PF ≥ 0.9, THD < 20%). Minimum 85% electrical efficiency. Serviceable, constant-current multi-channel programmable driver with dual analog (0-10V) control inputs for intensity and CCT. Optional DALI (Type 8) driver. Logarithmic intensity profile with 0.1-100% range, with dim-to-dark capabilities. Linear profile on CCT adjustment. Refer to charts on page 2 for further details.

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

INSTALLATION: Corner mount, surface; Fixture not suitable for Surface Conduit or Continuous Row Mounting.

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

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

LISTINGS: Luminaire is certified to UL 1598 and UL 8750 standards by Intertek Testing Services for Damp Locations. See Ordering Information for Wet Location applications.



ORDERING INFORMATION (Ex: CC-4-1/1-45T-27/65K8-ATW-DV-SYM/9-1-DLN)

Model	Size	Housing/Base	Lamp Power	Lamp Color	Driver Type	Voltage	Lens (Inner/Outer)	Fasteners	Options
CC	4	/					SYM /		
Nominal Size		Lamp Power		Voltage		Fastener			
4	9" x 48"	45T	45 Watt Tunable White	DV	120-277 Volts	1	Torx® T-20 Head w/ Center Pin		
		67T	67 Watt Tunable White	120	120 Volts	2	Allen Head w/ Center Pin		
		90T	90 Watt Tunable White	277	277 Volts	Options			
Housing/Base Material		Lamp Color		Lens (Inner/Outer)‡		LEL			
0	14-Ga CRS (Painted White)	27/65K8	2700-6500K CCT Range (82 CRI min)	SYM	.125" Diffused DR Acrylic	LELST		Integral 8.4W Emergency Battery Backup (45T max, 0°C min ambient)	
1	16-Ga CRS (Painted White)	27/65K9	2700-6500K CCT Range (92 CRI min)	G	.125" Clear Polycarbonate	DLN		Integral 6W Self-Testing Emergency Battery Backup (45T max, 0°C min ambient)	
3	14-Ga SS (Painted White)	Driver Type		7	.187" Clear Polycarbonate	FS		LED Night Light w/Light Level Control (voltage specific selection required)	
4	16-Ga SS (Painted White)	ATW	Analog (0-10V) Dimming Tunable White Driver	8	.187" Clear Tempered Glass	FS		Single Fuse & Holder	
6*	14-Ga SS (Brushed)	DTW	DALI Tunable White Driver	9	.250" Clear Polycarbonate	IHF		Full Length Internal Hinge	
7*	16-Ga SS (Brushed)	DMX	DMX Tunable White Driver (Consult Factory)	A	.250" Clear Tempered Glass	RGT		Removable Gear Tray	
9	12-Ga CRS (Painted White)			B	.375" Clear Polycarbonate	SK		Speaker Housing Extension	
				C	.375" Clear Tempered Glass	WL		Wet Location Listed	
				J	.500" Clear Polycarbonate				
				P	.500" Clear Tempered Glass				

* n/a as Base Material
 ‡ Refer to lens specifications



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**

MIGHTY MAC™

CC SERIES - TUNABLE WHITE LED

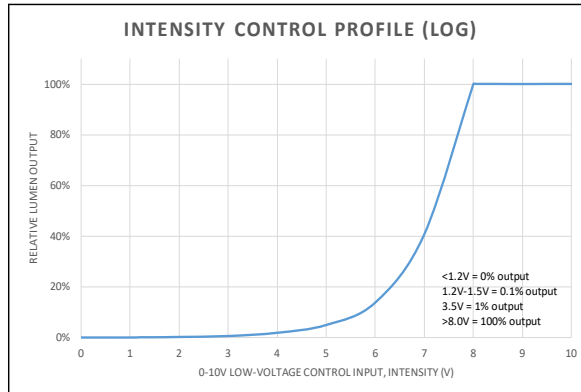
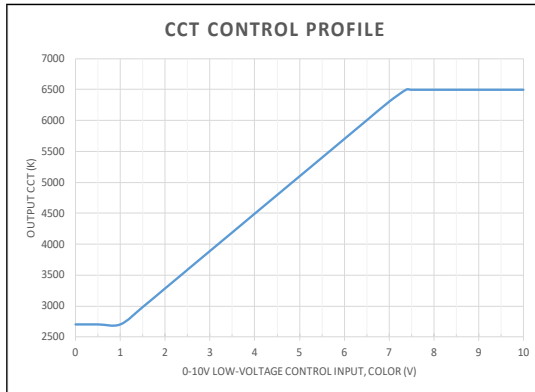
Lamp Type	Performance at 4000K Tuning			
	Lumen Output (lm)	Efficacy (lm/W)	Input Power (W)	Estd. L70 LED Life (Hrs)
45T-27/65K8	4,585	100	46	80,000
45T-27/65K9	3,695	80	46	80,000
67T-27/65K8	6,859	101	68	80,000
67T-27/65K9	5,681	84	68	80,000
90T-27/65K8	8,909	97	92	60,000
90T-27/65K9	7,180	78	92	60,000

All products tested with the SYM/9 lens configuration. Output with other lens configurations will vary. Information subject to change without notice. Visit www.kenall.com for additional information.

PERFORMANCE SCALING, BY LAMP COLOR

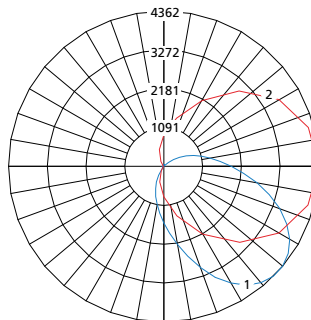
CCT (K)	27/65K8					27/65K9				
	LUMEN SCALE FACTOR	Ra	R9	Rf	Rg	LUMEN SCALE FACTOR	Ra	R9	Rf	Rg
2700	0.92	83	10	83	97	0.95	92	57	89	98
3000	0.95	84	15	83	98	0.97	94	70	91	99
3500	0.99	86	23	84	98	0.99	95	77	92	99
4000	1.00	86	26	84	98	1.00	96	83	92	99
4600	1.00	86	28	84	98	1.00	96	90	92	100
5000	1.01	86	25	83	98	1.01	96	96	91	101
5700	0.99	85	23	82	98	0.99	96	96	91	100
6500	0.99	84	16	82	96	0.99	96	96	90	100

CCT AND INTENSITY ADJUSTMENT PROFILE - ATW DRIVER TYPE



NOTE: The provided information is the typical expected performance of a single luminaire. Additional luminaires on the same 0-10V line may result in different control profiles. Fine tuning of system performance should be completed after installation is complete. To avoid CCT shift between luminaires, care should be taken to minimize voltage drop on the CCT Control line. It is recommended to limit the load on the CCT control circuit to twenty (20) 45T or ten (10) 67T/90T luminaires or less.

Model: CC-4-1/1-90T-27/65K8-ATW-DV-SYM/9-1



Maximum Candela = 4362 Located At Horizontal Angle = 0, Vertical Angle = 50

- 1 - Vertical Plane Through Horizontal Angles (0-180) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (50) (Through Max. Cd.)



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

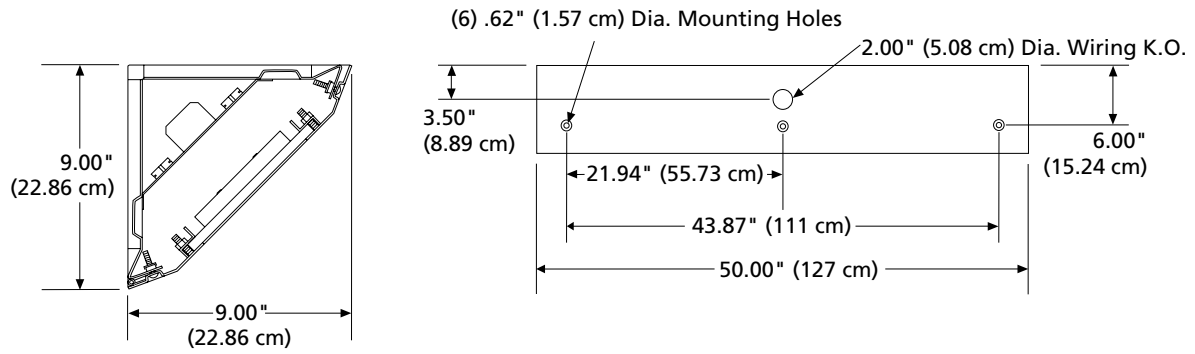
A brand of **legrand**

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™

CC SERIES - TUNABLE WHITE LED

DIMENSIONAL DATA



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.