

MIGHTY MAC™

SDA SERIES

PRODUCT FEATURES:

- » Surface ceiling mount – 12"×24", 12"×48"
- » Housing TIG welded with no post grinding for additional strength
- » "Z" bracket lens retention with thru-studs spaced 6" apart



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).

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).

DOOR: One-piece die-formed prime grade material as specified – see ordering information.

HINGE: Staked and welded external piano hinge (1/2" knuckle/1/8" diameter pin) standard. See Options for Internal Hinge (IH) and 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: 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.

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 Gear Tray (RGT) with quick disconnect.

PHOTOMETRICS: Efficiency of SDA4-0/0-232-IS-1-120-1/B-1 = 56.3%. For photometric information, go to www.kenall.com.

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

LISTINGS: UL and CUL listed for damp locations. See ordering information for wet location applications.



ORDERING INFORMATION (Ex: SDA-2-0/0-2-17-IS-1-120-1/B-1)

Model	Size	Housing/Base	Lamp Qty	Lamp Type	Ballast/Driver	Ballast Qty	Voltage	Lens (Inner/Outer)	Fasteners	Options
SDA	/	/	/	/	/	/	/	/	/	/
Nominal Size		Lamp Quantity			Ballast Quantity			Fasteners		
2	12"×24"	1	One	1	One	1	One	1	Torx® Head w/ Center Pin	
4	12"×48"	2	Two	2	Two	2	Two	2	Allen Head w/ Center Pin	
		3	Three (F17T8, F32T8, F54T5HO and F28T5 only)							
Housing/Door Material		Lamp Type			Voltage			Options		
0	14-Ga CRS (Painted White)	2'	Nominal Length		120	120 Volts	EL• Standard Lumen EL Pack			
1	16-Ga CRS (Painted White)	45L35K	45 Watt 3500K LED (82 CRI)		277	277 Volts	PEL• High Lumen EL Pack			
2*	18-Ga CRS (Painted White)	45L40K	45 Watt 4000K LED (82 CRI)		347	347 Volts	SEL• Specified EL Pack			
3	14-Ga SS (Painted White)	45L50K	45 Watt 5000K LED (82 CRI)		DV	120-277 Volts	DLN LED Night Light w/Light Level Control (100% - 20%; voltage-specific selection required; n/a with 347V)			
4	16-Ga SS (Painted White)	17	F17T8		Lens (Inner/Outer)‡		IHF Full Length Internal Hinge			
6	14-Ga SS (Brushed)	4' Nominal Length			0	No Lens	IH Internal Hinge			
7	16-Ga SS (Brushed)	45L35K	45 Watt 3500K LED (82 CRI)		1	.125" Prismatic Acrylic	FS Single Fuse & Holder			
9	12-Ga CRS (Painted White)	45L40K	45 Watt 4000K LED (82 CRI)		2	.125" Prismatic Polycarbonate	KO 1/2" EMT Knockout			
		45L50K	45 Watt 5000K LED (82 CRI)		3	.125" Textured Polycarbonate	RGT Removable Gear Tray			
		67L35K	67 Watt 3500K LED (82 CRI)		G†	.125" Clear Polycarbonate	SK Speaker Housing Extension			
		67L40K	67 Watt 4000K LED (82 CRI)		4	.156" Prismatic Polycarbonate	SN NSF2 Splash/Non-Food Zone Listed			
		67L50K	67 Watt 5000K LED (82 CRI)		TG	.156" Textured Tempered Glass	TN PL Night Light – 5/7/9 Watt (Lamp supplied by other) (120/277V only) (2 Lamp Max. w/ F54T5HO)			
		28	F28T5		6	.187" Prismatic Polycarbonate	UV Ultraviolet Filter			
		32	F32T8		7†	.187" Clear Polycarbonate	WL Wet Location Listed			
		54	F54T5HO		8†	.187" Clear Tempered Glass				
		Ballast/Driver Type			9†	.250" Clear Polycarbonate				
		IS	Instant Start Electronic <10% THD (T8)		A†	.250" Clear Tempered Glass				
		RS	Rapid Start Electronic <10% THD (CFL, T8, T5, T5HO)		B†	.375" Clear Polycarbonate				
		SB	Specified Ballast		C†	.375" Clear Tempered Glass				
		DCC	Dimming Constant Current		J†	.500" Clear Polycarbonate				
					P†	.500" Clear Tempered Glass				

- n/a w/ F54T5HO or LED lamps
- * n/a as Door Material
- † Must be paired with prismatic, textured or diffuser film lens when ordering LED lamps
- ‡ Refer to lens specifications



www.kenall.com

P: 800-4-Kenall

F: 262-891-9701

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MIGHTY MAC™

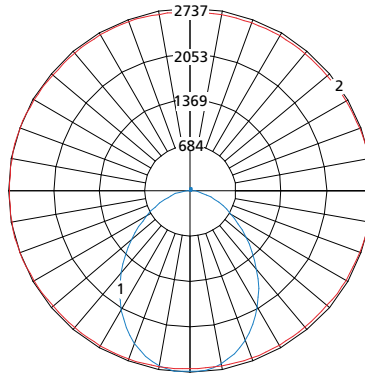
SDA SERIES

PERFORMANCE

Nominal Size	Lamp Type	Initial Delivered Lumens		Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
		@ 25°C	Efficacy (lm/W)			
2	45L35K	3193	67	48	94	80,000
	45L40K	3404	71	48	94	80,000
	45L50K	3540	74	48	94	80,000
4	45L35K	3520	73	48	94	80,000
	45L40K	3752	78	48	94	80,000
	45L50K	3902	81	48	94	80,000
	67L35K	5280	72	73	66	80,000
	67L40K	5629	77	73	66	80,000
	67L50K	5854	80	73	66	80,000

Information above is valid for the recommended Type PP lens type and is subject to change without notice. Visit www.kenall.com for additional information.

Model: SDA-4-1/1-1-67L40K-DCC-Y/B-1

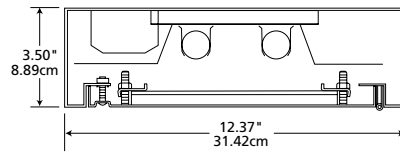


Maximum Candela = 2737 Located At Horizontal Angle = 165, Vertical Angle = 5

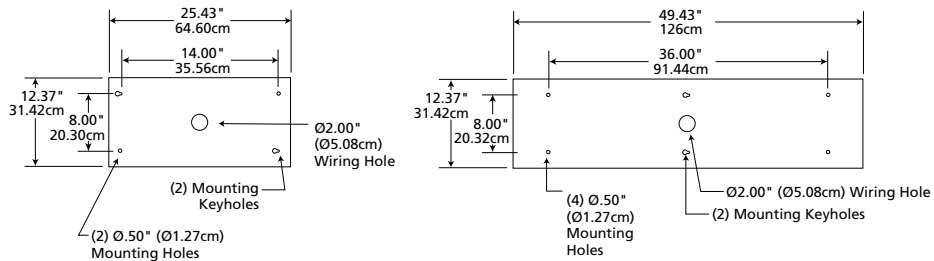
- 1 - Vertical Plane Through Horizontal Angles (165-345) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

DIMENSIONAL DATA

CROSS SECTION



MOUNTING HOLES



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