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

SPECIFICATIONS

Job Name

Fixture Type

Catalog Number

Approved by

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 3000K, 3500K, 4000K and 5000K color temperatures, 82 CRI. 120-277VAC, or 347VAC 50/60Hz electrical input with serviceable high power factor electronic, constantcurrent driver (<20% THD, >0.95 PF). Standard 0-10V dimming with 1-100% range and dim-to-dark capabilities (non dim-to-dark with 347V); 330µA max. source current.

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

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 optional Wet Location rating.



ORDERING INFORMATION (Ex: SDA-2-1/1-45L35K-DCC-DV-SYM/B-1-DLN)

Model Size SDA	Housing/Base L	Lamp Qty	Lamp Type	Ballast/Driver	Balla	ast Qty	Voltage	Lens (Inner/Outer)	Faste	ners	Options
Nominal Size 2 12"×24" 4 12"×48" Housing/Door Materia 0 14-Ga CRS (Painte 1 16-Ga CRS (Painte 1 13-Ga CRS (Painte 3 14-Ga SS (Painted 4 16-Ga SS (Painted 6 14-Ga SS (Brushec 7 16-Ga SS (Brushec 9 12-Ga CRS (Painte	1 2 3 3 4 4 White) L 2 4 White) 4 4 4 4 4 1) 1 4 4 1) 1 2 4 4 4 4 4 4 4 4 4 4 4 4 4 5 5 5 5 5 5	1 One 2 Two 3 Thre 2'Nomina 45L30K 45L35K 45L35K 45L40K 45L50K 67L30K 67L30K 67L30K 67L40K 67L50K 67L50K 28 32 54 Ballast/Dr IS Insta RS Rapi (CFL	e (F17T8, F32T8, F3 <u>a</u> Length 45 Watt 3000K LEI 45 Watt 3500K LEI 45 Watt 5000K LEI 45 Watt 5000K LEI 45 Watt 3000K LEI 45 Watt 3000K LEI 45 Watt 3500K LEI 45 Watt 3500K LEI 67 Watt 3000K LEI 57 Watt 5000K LEI 57 Watt 5000K LEI 57 Watt 5000K LEI 57 Watt 5000K LEI 58 F54T5HO	54T5HO and F28T5 only 0 (82 CRI) 0 (82 C	1 2 Volt 120 277 347 DV Lens	One Two 120 Va 277 Vi 347 Va 120-2 s (Inner/ 14 ⁵ Symm No Lee 125" .125" .125" .125" .125" .125" .125" .125" .125" .125" .125" .187" .187" .187" .250" .375" .375" .500"	olts olts 77 Volts Outer)‡ etric, Diffused D	R Acrylic c arbonate rbonate arbonate arbonate arbonate arbonate onate Glass onate Glass onate Glass onate Glass onate	1 2 Opti LELS EL• DLN IHF IH FS KO RGT SK WL • n/a * n/a * n/a * n/a * n/a * n/a	Allen Hea ons Integral 8 (4' only, 2 0°C min a T Integral 6 Battery B nda 347V, Standard LED Nigh (100% required; Full Lengt Internal H Single Fu: 1/2" EMT Removab Speaker H Wet Loca	W Self-Testing Emergency ackup (4' only, 45L max; 0°C min ambient) Lumen EL Pack t Light w/Light Level Control 20%; voltage-specific selection n/a with 347V) th Internal Hinge linge se & Holder Knockout le Gear Tray Housing Extension tion Listed



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PROJECT INFORMATION

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SDA SERIES

PERFORMANCE

		Initial Deliver	red Lumens			
Nominal Size	Lamp Type	@ 25°C	Efficacy (Im/W)	Input Power (W)	Drive Current (mA)	Estd. L70 LED Life (Hrs)
	45L30K	3,998	86	46	100	80,000
2	45L35K	4,122	89	46	100	80,000
2	45L40K	4,263	92	46	100	80,000
	45L50K	4,437	96	46	100	80,000
	45L30K	4,386	95	46	100	80,000
	45L35K	4,522	98	46	100	80,000
	45L40K	4,676	102	46	100	80,000
4	45L50K	4,868	106	46	100	80,000
4	67L30K	7,003	94	74	75	
	67L35K	7,220	97	74	75	80,000
	67L40K	7,466	100	74	75	80,000
	67L50K	7,772	104	74	75	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: SDA-4-x-y-67L40K-DCC-z-SYM-B-1

LUMEN OUTPUT SCALING FACTORS

,
3238 2428 1619 809
Maximum Candela = 3238 Located At Horizontal Angle = 15, Vertical Angle = 2.5
— 1 - Vertical Plane Through Horizontal Angles (15-195) (Through Max. Cd.)

2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

Lens Inner Lens Outer Lens Scaling Factor Configuration SYM/G 1/8" Clear PC 1.10 SYM/7 3/16" Clear PC 1.06 3/16" Clear TG 1.06 SYM/8 SYM/9 1/8" Frost Acrylic 1/4" Clear PC 1.03 3/8" Clear PC SYM/B 1.00 SYM/C 3/8" Clear TG 1.03 SYM/J 1/2 " Clear PC 0.99 1/G 1/8" Clear PC 1.04 1/9 1/8" Prismatic Acrylic 1/4" Clear PC 0.99 1/B 3/8" Clear PC 0.99 1/2 " Clear PC 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.

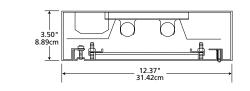


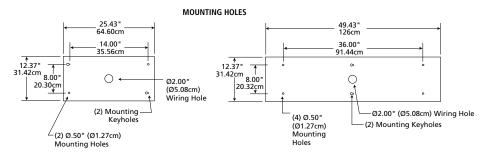
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DIMENSIONAL DATA

CROSS SECTION







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