

SR14SQLEDOA

APPLICATION

14" square recessed LED downlight LED features soffit/area light for optimal performance.

FEATURES

Efficient, powerful LED light source, designed to exceed 50,000 hours of life (L70). Multi-Bar mounting brackets. All LED modules and drivers are replaceable and up-gradeable. New and Retrofit/Remodeler options. Wet location use screws fasteners. (4)

FINISH

A variety of architectural powdercoat and anodized finishes are available. Matte White flange is standard.

ELECTRONICS

LED module features high brightness white Nichia LEDs. 3-step MacAdam Ellipse binning and CRI 84 minimum. Variety of electronic 120V/277V and dimming drivers.

CONSTRUCTION

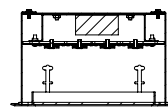
Housing constructed of .050 5052-H32 aluminum. Trim fabricated from aluminum extrusion and finished to specification.

CODE COMPLIANCE

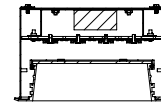
BAA Compliant. Non-IC rated. ETL certified to meet US and Canadian standards. Suitable for dry or damp locations. Optional Wet location. Manufactured and tested to UL standards No. 1598/8750.

LUMENS / WATTAGE DATA			
PART NUMBER	DELIVERED LUMENS ¹	SYSTEM WATTS	LPW
SR14SQLEDOA 11L	930	10.6	88
SR14SQLEDOA 22L	1818	18.4	99
SR14SQLEDOA 33L	2635	26	101
SR14SQLEDOA 44L	3503	33.7	104

¹ Nominal Delivered Lumens at 35K xx RT1414 MW xx FO



FT-Flush Trim/Lens



RT-Regressed Trim/Lens



Retrofit/Remodeler with Flush Trim

SERIES	LUMENS ¹	CCT	DRIVER / VOLTAGE ²	OPTIONS ³	TRIM	FINISH ⁵	OPTIONS
SR14SQLEDOA	11L 950 Lm	30K 3000K	E_ Electronic Driver 1 120V	BH27 ⁴ 27" Solid Bars H12 12" - 24" Expandable Bars H06 6" - 12" Expandable Bars CB24 24" C-Channel Bars FS Fusing EM Integral Emergency Battery CR Corrosion Resistant RM Remodeler Housing	FLUSH TRIM FT1414 Flush Extruded Aluminum Door	MW ⁶ Matte White MB Matte Black PT Platinum CC ⁶ Custom Color	FO ⁷ Matte White Acrylic Lens 90% Efficient SO Solite Lens WL ⁸ Wet Location
	22L 1800 Lm	35K 3500K					
	33L 2650 Lm	40K 4000K					
	44L 3500 Lm	50K 5000K					

EXAMPLE: SR14SQLEDOA44L35KE1BH27/FT1414MW/FO

NOTES:
1 Nominal Delivered Lumens at 35K xx RT1414 MW xx FO 2 Contact Factory for Additional Options 3 See Product Options Page for Details 4 Standard Bar Hangers 5 Contact Factory for Special Finishes 6 Standard Finish
7 For use with Non Matte White Trim Finish 8 Standard Lens 9 Trim Secured with 4 Screws



PROJECT: _____
QUANTITY: _____ TYPE: _____



14" SQUARE LENSED ENDURO SERIES / PHOTOMETRIC DATA

recessed
fixtures



SR14SQLEDOA 44L 35K xx FT1414 MW xx FO

CANDLEPOWER CURVE TEST SP-01644_3	INTENSITY CANDELA 0° AZIMUTH	ZONAL LUMENS		SINGLE UNIT: PERFORMANCE HORIZONTAL FOOTCANDLES INITIAL DOWNLIGHT ONLY				MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES HORIZONTAL FOOTCANDLES AND WATTS/SQ FT							
		0°	0° - 10°	107	3%	Mounting Distance	FC at Beam Center	Diameter at Beam Angle	FC at Beam Edge	Ceiling Height	Fixture Spacing	RCR 2		RCR 4	
	0°	1117	0° - 20°	407	13%	5.5'	37 fc	15.3'	4 fc	9'	6'	64	0.80	72	1.15
	5°	1109	0° - 30°	857	28%	6.5'	26 fc	18.1'	3 fc	12'	8'	43	0.54	34	0.54
	15°	1063	0° - 40°	1392	45%	7.5'	20 fc	20.9'	2 fc	16'	12'	15	0.18	17	0.27
	25°	976	0° - 60°	2430	79%	8.5'	15 fc	23.7'	2 fc	Delivered Illuminance Rating: (DIR)					
	35°	857	0° - 80°	3000	98%	10.0'	11 fc	27.8'	1 fc	80 FC per W/Sq. Ft. 63 FC per W/Sq. Ft.					
	45°	711	0° - 90°	3049	100%	12.0'	8 fc	33.4'	1 fc	Recessed mounting Square rooms used for multiple units: RCR 2: Length & Width = Ceiling Ht. - 2.5' x 5.00 RCR 4: Length & Width = Ceiling Ht. - 2.5' x 2.50 * Average Initial Footcandles at 2.5' Above Floor					
	55°	549	Total	3061	100%	14.0'	6 fc	39.0'	1 fc						
	90°	8				16.0'	4 fc	44.6'	0 fc						

Delivered Lumens: 3061
Luminaire Watts: 33.7
LER: 90.83

CP at 0° (Nadir): 1117

Beam Angle: 109°
Spacing Ratio: 1.23
Melanopic Ratio: 0.54

SR14SQLEDOA 44L 35K xx RT1414 MW xx FO

CANDLEPOWER CURVE TEST SP-01645_3	INTENSITY CANDELA 0° AZIMUTH	ZONAL LUMENS		SINGLE UNIT: PERFORMANCE HORIZONTAL FOOTCANDLES INITIAL DOWNLIGHT ONLY				MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES HORIZONTAL FOOTCANDLES AND WATTS/SQ FT							
		0°	0° - 10°	133	4%	Mounting Distance	FC at Beam Center	Diameter at Beam Angle	FC at Beam Edge	Ceiling Height	Fixture Spacing	RCR 2		RCR 4	
	0°	1389	0° - 20°	505	14%	5.5'	46 fc	13.9'	5 fc	9'	6'	75	0.80	85	1.15
	5°	1382	0° - 30°	1060	30%	6.5'	33 fc	16.5'	4 fc	12'	8'	50	0.54	40	0.54
	15°	1326	0° - 40°	1712	49%	7.5'	25 fc	19.0'	3 fc	16'	12'	17	0.18	20	0.27
	25°	1214	0° - 60°	2914	83%	8.5'	19 fc	21.5'	2 fc	Delivered Illuminance Rating: (DIR)					
	35°	1053	0° - 80°	3459	99%	10.0'	14 fc	25.3'	2 fc	94 FC per W/Sq. Ft. 74 FC per W/Sq. Ft.					
	45°	847	0° - 90°	3490	100%	12.0'	10 fc	30.4'	1 fc	Recessed mounting Square rooms used for multiple units: RCR 2: Length & Width = Ceiling Ht. - 2.5' x 5.00 RCR 4: Length & Width = Ceiling Ht. - 2.5' x 2.50 * Average Initial Footcandles at 2.5' Above Floor					
	55°	618	Total	3503	100%	14.0'	7 fc	35.5'	1 fc						
	90°	3				16.0'	5 fc	40.6'	1 fc						

Delivered Lumens: 3503
Luminaire Watts: 33.7
LER: 103.95

CP at 0° (Nadir): 1389

Beam Angle: 103°
Spacing Ratio: 1.21
Melanopic Ratio: 0.54

