

50 classic semi-recessed - SVR050CLA-SRE1800-DA2830060-WHT



DALI





IEC/EN 62262:2002+A1:2021

ANSI/IES LM-79-19

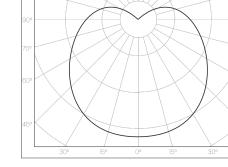
ANSI/IES LM-80-21

ANSI/IES TM-21-21

IK17	175 joules impact resistance	country of origin Australia					
IP66	hermetically sealed light module cassette						
A T 0 6	security torx tamper-proof fasteners						
		accreditations					
range	50 classic semi-recessed	Australian Made and Owne DALI Alliance EESS					
product code	SVR050CLA-SRE1800-DA2830060-WHT	RCM					
description	Heavy-gauge extruded aluminium mounting base with durable polyester powder coat finish and impact-resistant GRP security caps						
	Impact-resistant UV-stabilised high-transmission polycarbonate light module diffuser	warranty 7-year standard					
	Serviceable replaceable and upgradable light module cassette Internal socket drive security-torx 304 stainless steel security fasteners	10-year on application					
	Integral energy efficient Zhaga compliant Tridonic LED modules and power supply unit	standards					
	Direct-fix or recessed butterfly bracket	AS/NZS 60598.1:2017					
	Internal stainless steel wire safety lanyards	AS/NZS 60598.2.1:2014					
	1.0 m circular flex connection	AS/NZS 60598.2.2:2016 AS 60529-2004					

applications extremely robust semi-recessed mount luminaire that enhances safety and security in the most challenging environments. a durable construction ensures dependable operation and superior performance under harsh operating conditions; ideal for applications such as transportation, custodial, public areas, and secure healthcare

polar curve





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data subject to change without notice. E&OE

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DALI

driver							
manufacturer	Tridonic						
control interface	DALI-2						
dimming range	1 - 100 %						
switch-on time	< 600 ms		▲				
switch-off time	< 20 ms						
rated lifetime	> 100,000 h	•	L • • • • • • • • • • • • • • • • • • •				
		dimensions [mm]					
		L - length 1830					
light source		W - width	96				
manufacturer	Tridonic	H - height	138				
technology	linear LED module	cut-out	1815 x 81				
operating mode	constant current						
delivered lumens	4811 lm						
colour rendering index	80						
correlated colour temperature	3000 K	mounting					
colour tolerance	3 SDCM	type	semi-recessed				
CTI	≥ 600 V	method	direct-fix or butterfly bracket				
lumen maintenance [L80F10]	> 72,000 h	orientation	horizontal or vertical burning position				
electrical		mounting bo	ise + end caps				
rated supply voltage	220 - 240 V	material	extruded aluminium base + GRP security end caps				
mains frequency	0 / 50 / 60 Hz	finish	white texture polyester powder coat + white GR				
power consumption	44.96 W						
leakage current	< 230 µA						
in-rush current	23.0 A / 174 µs						
power factor [0.98	light module					
THD	6%	material	high-transmission + uv-stabilised extruded polycarbonate [hermetically sealed]				
overvoltage protection	320 V AC / 48 h	finish	clear reeded				
mains surge protection [L-N]	1 kV						
mains surge protection [L/N-PE]	2 kV						

maximum circuit breaker loads

conductor size	1.5mm²		2.5mm ²		1.5mm²		2.5mm²	
circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20
luminaire quantity	21	28	35	45	13	17	21	27



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NOTE: Tridonic drivers are designed for a life-time as stated when operating under normal reference conditions with a failure probability of < 10%. lifetime declarations do not represent warranty claim. driver is not covered under warranty if it has been opened | maximum circuit breaker values are calculated from inrush current. calculations use typical values from ABB series \$200 as a reference. actual values may differ due to used circuit breaker types and installation environment | photometric data is nominal and intended for general information purposes only. it is not to be relied upon nor used in place of photometry files issued by Survivor Lighting Pty Ltd. ± 5% measurement uncertainty | data subject to change without notice. E&OE