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#### 50 classic **semi-recessed** - SVR050CLA-SRE1500-DA2830020-BLK



























ANSI/IES LM-79-19

ANSI/IES LM-80-21

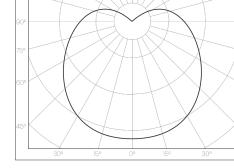
ANSI/IES TM-21-21

DAL

IK17 175 joules impact resistance country of origin Australia IP66 hermetically sealed light module cassette AT06 security torx tamper-proof fasteners accreditations Australian Made and Owned 50 classic semi-recessed range DALI Alliance EESS product code SVR050CLA-SRE1500-DA2830020-BLK RCM Heavy-gauge extruded aluminium mounting base with durable polyester description powder coat finish and impact-resistant GRP security caps Impact-resistant UV-stabilised high-transmission polycarbonate light warranty module diffuser 7-year standard Serviceable replaceable and upgradable light module cassette 10-year on application Internal socket drive security-torx 304 stainless steel security fasteners 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 AS/NZS 60598.2.2:2016 1.0 m circular flex connection AS 60529-2004 IEC/EN 62262:2002+A1:2021

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





data subject to change without notice. E&OE

## 1



## 50 classic semi-recessed - SVR050CLA-SRE1500-DA2830020-BLK



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manufacturer       Tidonic         bantrol interface       DAII-2         Jimming range       1 - 100 %         witch-on time       4000 ms         witch-off time       20 ms         ated lifetime       > 100,000 h         ight source       V         nanufacturer       Tidonic         anonfacturer       Tidonic         echnology       L-length         balivered lumans       IS38 in         balivered lumans       IS30 in         balivered lumans       IS300 K         balivered lumans       IS300 K         balivered lumans       IS30 In         balivered star of the polytopic In (IS000 In (IS000	(***) (***) (***) (***) (***) (***) (***)	RCM		DALI
bentrol interface       DALI-2         dimming range       1 – 100 %         witch-on time       < 600 ms         witch-off time       < 20 ms         ated lifetime       > 100,000 h         ight source       Immensions [mm]         light source       W - width         nanufacturer       Tridonic         echnology       Inear LD module         cut-out       1535 x 81         operating mode       constant current         daiwered lumens       1336 Im         operating mode       constant current         daiwered lumens       1336 Im         colour temperature       3000 K         muming targe       2 SDCM         type       semi-recessed         start       sepretation         colour temperature       3000 K         mume mointenance [LB0FI0]       > 72,000 h         orientation       herizontal or vertical burning position         power consumption       2,49 W         seckage current       < 230 A / 174 µs         power totor[       0,98         inish       black texture polyester powder coat + black Q         power/otage protection       320 V AC / 48 h	driver			
timming range i − 100 % witch-on time < 800 ms witch-off time < 20 ms ated lifetime > 100,000 h ight source manufacturer Tridonic I - length 1550 W - with 96 manufacturer W - with 96 h - height 128 cut-out 1555 x 81 cut-out 1555	manufacturer	Tridonic	© 1	10
witch-on time < 900 ms witch-off time < 20 ms ated lifetime > 100,000 h ight source ight source manufacturer Tridonic LED module constant current selvered lumens 1326 lm bolour rendering index 80 constant current selvered lumens 1326 lm bolour rendering index 80 muting base + end cops material extruded aluminium base + GRP security end corps finish black texture polyester powder coat + black G perventage protection 320 V AC / 48 h timb black texture polyester powder coat + black G perventage protection 320 V AC / 48 h	control interface	DALI-2		
witch-off time < 20 ms ated lifetime > 100,000 h dimensions [mm] L - length 1550 W - width 96 nanufacturer Tridonic H - height 138 cenhology linear LED module cut-out 1535 x 81 paperating mode constant current telivered lumens 1336 Im colour rendering index 80 constant current totolour temperature 3000 K type semi-recessed corrent divered luminum base + GRP security end caps finish black texture polyester powder coat + black d extrage urrent < 230 µ A n-rush current 23.0 A / 174 µs toto = 0, 320 V AC / 48 h toto = 0, 320 V AC / 48 h time textual d introdue conserved to the secured textuaded polycorbonate [nermetically sected] time = 0, 200 V AC / 48 h time	dimming range	1 - 100 %		
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acted lifetime       > 100,000 h         ight source       L - length       1650         manufacturer       Tridonic       H - height       138         achnology       linear LED module       cut-out       1535 x 81         opperating mode       constant current       1336 lm       ut-out       1535 x 81         oblour rendering index       80       mounting       ut-out       1535 x 81         colour rendering index       80       mounting       ut-out       1535 x 81         colour rendering index       80       mounting       ut-out       1535 x 81         colour rendering index       80       mounting       ut-out       1535 x 81         colour rendering index       80       mounting       ut-out       1535 x 81         colour rendering index       80       mounting       ut-out       1535 x 81         colour rendering index       80       mounting       ut-out       1535 x 81         colour rendering index       80       mounting       ut-out       1535 x 81         colour rendering index       80       mounting       ut-out       1535 x 81         colour rendering index       80       mounting base + end cops       ut-ops       154	switch-off time	< 20 ms		
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manufacturerTridonicH - height138echnologylinear LED modulecut-out1535 x 81operating modeconstant current1336 lm $$			L - length	1550
echnology linear LED module cut-out 1535 x 81 poperating mode constant current delivered lumens 1336 lm solour rendering index 80 sorrelated colour temperature 3000 K sorrelated colour temperature 3 SDCM type semi-recessed CTI 2 600 V method direct-fix or butterfly bracket umen maintenance [L80FI0] > 72,000 h orientation horizontal or vertical burning position etages etages current 220 - 240 V mains frequency 0 / 50 / 60 Hz soover consumption 12.49 W eakage current 230 μA n-rush current 230 0 A / 174 μs power factor [ HD back texture polyester powder coat + black G souver consumption + uv-stabilised extruded polycarbonate [hermetically sealed] yervoltage protection 320 V AC / 48 h finish claret end caps souver consumption + uv-stabilised extruded polycarbonate [hermetically sealed] polycarbonate [hermetically sealed] finish claret end caps souver consumption + uv-stabilised extruded polycarbonate [hermetically sealed] polycarbonate [hermetically sealed] polycarbonate [hermetically sealed]	light source		W - width	96
A       constant current         delivered lumens       1336 lm         solour rendering index       80         sorrelated colour temperature       3000 K         solour tolerance       3 SDCM         type       semi-recessed         CTI       > 600 V         umen maintenance [L80F10]       > 72,000 h         betterical       mounting base + end caps         ated supply voltage       220 - 240 V         mains frequency       0 / 50 / 60 Hz         power consumption       12.49 W         eakage current       < 230 µA	manufacturer	Tridonic	H - height	138
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And Sector lated colour temperature       3000 K       mounting         colour tolerance       3 SDCM       type       semi-recessed         CTI       > 600 V       method       direct-fix or butterfly bracket         umen maintenance [L80F10]       > 72,000 h       orientation       horizontal or vertical burning position         electrical       mounting base + end caps         ated supply voltage       220 - 240 V       material       extruded aluminium base + GRP security end caps         mounting frequency       0 / 50 / 60 Hz       finish       black texture polyester powder coat + black GRP         ower consumption       12.49 W       finish       black texture polyester powder coat + black GRP         eakage current       230 µA       ight module = sectte         HD       6%       material       high-transmission + uv-stabilised extruded polycorbonate [hermetically sealed]         wervoltage protection       320 V AC / 48 h       finish       black readed	delivered lumens	1336 lm		
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CTI       ≥ 600 V       method       direct-fix or butterfly bracket         umen maintenance [L80F10]       > 72,000 h       orientation       horizontal or vertical burning position         electrical       mounting base + end caps       material       extruded aluminium base + GRP security end Caps         mains frequency       0 / 50 / 60 Hz       material       extruded aluminium base + GRP security end Caps         power consumption       12.49 W       finish       black texture polyester powder coat + black G         power factor [       0.98       Iight module cassette         'HD       6%       material       high-transmission + uv-stabilised extruded polycarbonate [hermetically sealed]         waterial       320 V AC / 48 h       finish       black reacted	correlated colour temperature	3000 K	mounting	
umen maintenance [L80F10]> 72,000 horientationhorizontal or vertical burning positionelectricalmounting base + end capsated supply voltage220 - 240 Vmaterialextruded aluminium base + GRP security end capsmains frequency0 / 50 / 60 Hzfinishblack texture polyester powder coat + black Gbower consumption12.49 Wfinishblack texture polyester powder coat + black Geakage current< 230 µA	colour tolerance	3 SDCM	type	semi-recessed
Plectrical       mounting base + end caps         rated supply voltage       220 - 240 V       material       extruded aluminium base + GRP security end caps         rated supply voltage       0 / 50 / 60 Hz       material       extruded aluminium base + GRP security end caps         power consumption       12.49 W       finish       black texture polyester powder coat + black GR         eakage current       < 230 µA	CTI	≥ 600 V	method	direct-fix or butterfly bracket
ated supply voltage220 - 240 Vmaterialextruded aluminium base + GRP security end capsmains frequency0 / 50 / 60 Hzfinishblack texture polyester powder coat + black Gbower consumption12.49 Wfinishblack texture polyester powder coat + black Geakage current< 230 μA	lumen maintenance [L80F10]	> 72,000 h	orientation	horizontal or vertical burning position
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Indiris frequency0 / 50 / 60 H2bower consumption12.49 Weakage current< 230 μA	rated supply voltage	220 - 240 V	material	extruded aluminium base + GRP security end
bower consumption     12.49 w       eakage current     < 230 μA	mains frequency	0 / 50 / 60 Hz		
n-rush current23.0 A / 174 μsIight module cassettepower factor [0.98Iight module cassette"HD6%materialhigh-transmission + uv-stabilised extruded polycarbonate [hermetically sealed]overvoltage protection320 V AC / 48 hfinishclear reeded	power consumption	12.49 W	finish	black texture polyester powder coat + black GRP
Dower factor [     0.98     light module cassette       THD     6%     material     high-transmission + uv-stabilised extruded polycarbonate [hermetically sealed]       overvoltage protection     320 V AC / 48 h     finish     clear reeded	leakage current	< 230 µA		
HD     6%     material     high-transmission + uv-stabilised extruded       overvoltage protection     320 V AC / 48 h     finish     clear reeded	in-rush current	23.0 A / 174 µs		
overvoltage protection 320 V AC / 48 h	power factor [	0.98	light module	e cassette
overvoltage protection 320 V AC / 48 h	THD	6%	material	
finish clear reeded	overvoltage protection	320 V AC / 48 h		
	mains surge protection [L-N]	1 kV	finish	clear reeded
nains surge protection [L/N-PE] 2 kV	mains surge protection [L/N-PE]	2 kV		

#### maximum circuit breaker loads

conductor size	1.5mm²		2.5mm <sup>2</sup>		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