

50 classic recessed - SVR050CLA-REC1800-FXD850060-WHT



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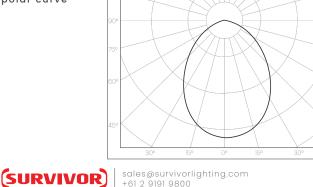
ANSI/IES LM-79-19 ANSI/IES LM-80-21

ANSI/IES TM-21-21

IK17 175 joules impact resistance country of origin Australia IP66 hermetically sealed light module cassette AT06 security torx tamper-proof fasteners accreditations Australian Made and Owned 50 classic recessed range EESS RCM product code SVR050CLA-REC1800-FXD850060-WHT description Heavy-gauge extruded aluminium mounting base and security caps with durable polyester powder coat finish warranty Impact-resistant UV-stabilised high-transmission polycarbonate light 7-year standard module diffuser 10-year on application Serviceable replaceable and upgradable light module cassette Internal socket drive security-torx 304 stainless steel security fasteners Integral energy efficient Zhaga compliant Tridonic LED modules and power standards supply unit AS/NZS 60598.1:2017 Direct-fix or recessed butterfly bracket AS/NZS 60598.2.1:2014 Internal stainless steel wire safety lanyards AS/NZS 60598.2.2:2016 AS 60529-2004 1.0 m circular flex connection IEC/EN 62262:2002+A1:2021

applications extremely robust 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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$(\cdot \cdot)$ (0) $\langle c \rangle$ driver manufacturer Tridonic . . control interface fixed output dimming range < 600 ms switch-on time н switch-off time < 20 ms 4 L • ∙w) rated lifetime > 100,000 h dimensions [mm] L - length 1830 light source W - width 96 manufacturer Tridonic H - height 102 technology linear LED module cut-out 1815 x 81 operating mode constant current delivered lumens 3685 lm colour rendering index 80 5000 K correlated colour temperature mounting colour tolerance 3 SDCM type recessed CTI ≥ 600 V method direct-fix or butterfly bracket lumen maintenance [L80F10] > 72,000 h orientation horizontal or vertical burning position

rated supply voltage220 - 240 Vmaterialextruded aluminium base + security end capsmains frequency0 / 50 / 60 Hzfinishwhite texture polyester powder coatpower consumption44.96 W11leakage current< 230 µA11
power consumption 44.96 W
leakage current < 230 µA
in-rush current 23.0 A / 174 µs light module cassette
power factor [0.98 material high-transmission + uv-stabilised extruded
THD 6% 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		2.5mm²		1.5mm²		2.5mm ²	
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 colculated 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

