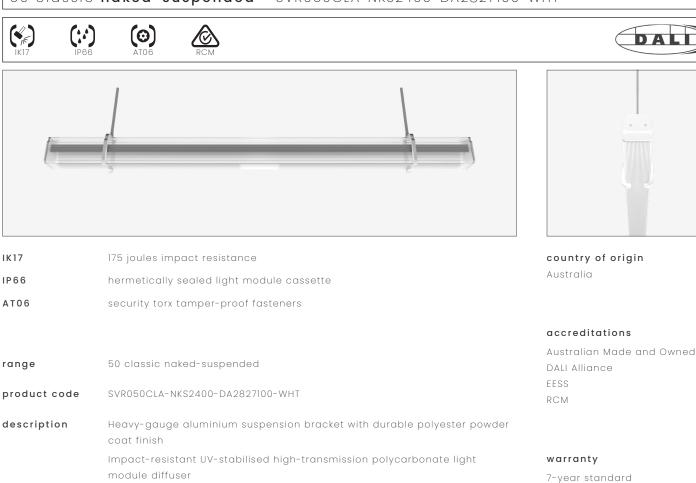


## 50 classic naked-suspended - SVR050CLA-NKS2400-DA2827100-WHT

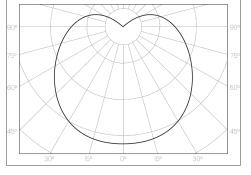


Serviceable replaceable and upgradable light module cassette Internal socket drive security-torx 304 stainless steel security fasteners Integral energy efficient Zhaga compliant Tridonic LED modules and power supply unit

Heavy-gauge stainless steel wire suspensions 1.0 m circular flex connection

applications extremely robust suspended 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





sales@survivorlighting.com +61 2 9191 9800

data subject to change without notice. E&OE





10-year on application

AS/NZS 60598.1:2017

ANSI/IES LM-79-19

ANSI/IES LM-80-21

ANSI/IES TM-21-21

AS/NZS 60598.2.1:2014 AS 60529-2004

IEC/EN 62262:2002+A1:2021

standards



## 50 classic naked-suspended - SVR050CLA-NKS2400-DA2827100-WHT



driver   ridonic     control interface   DAII-2     dimming range   DAII-2     dimming range   1-100 %     switch-on time   <700 ms     switch-oft time   <50 ms     rated lifetime   >100,000 h     Ight source   Imensions [mm]     manufacturer   Tridonic     technology   lineer IED module     operating made   constant current     delivered lumens   6788 lm     colour rendering index   60     colour rendering index   80 DV     lumen maintenance [180F10]   >72,000 h     rated supply voltage   200 - 240 V     mains frequency   0 / 50 / 60 Hz     power consumption   68.62 W     ledetage current   3.90 LA     mains frequency   0 / 50 / 60 Hz     power consumption   68.62 W     ledetage current   2.90 LA     material   infish     material   infish     material   infish     material   infish     security and plates     power consumption   68.62 W <th></th>					
control interface   DAII-2     dimming range   1 − 100 %     switch-on time   < 700 ms     switch-off time   < 50 ms     rated lifetime   > 100,000 h     light source   Image: Source     manufacturer   Tridonic     technology   linear LED module     operating mode   constant current     dolivered lumens   6785 lm     colour rendering index   80     colour temperature   2700 K     colour telerance   3 SDCM     colour telerance   2 So V     tumen maintenance [LB0FI0]   > 72,000 h     mounting bracket + end plate   mounting uninium suspansion bracket + security end plates     finish   white texture polyester powder of the security end plates     finish   white texture polyester powder of the security end plates     power consumption   66.62 W     leakage current   < 350 µA     in-					
dimming range i - 100 % switch-on time < 700 ms switch-off time < 50 ms rated lifetime > 100,000 h <b>dimensions [mm]</b> L - length 2260 W - width 80 H - height 93 technology linear LED module operating mode constant current delivered lumens 6795 Im <b>mounting</b> colour rendering index 80 correlated colour temperature 2700 K method 2.0 m heavy duty stainless steel colour telerance 2700 K method 2.0 m heavy duty stainless steel colour telerance 3 SDCM orient dollare i					
switch-on time < 700 ms switch-off time < 50 ms rated lifetime > 100,000 h <b>ight source</b> = 100,000 h <b>ight source</b> = 100 module operating mode constant current delivered lumens of 795 lm mounting colour rendering index 80 type suspended carrelated colour temperature 2700 K method 2.0 m heavy duty stainless steel colour tolerance 3 SDCM orientation horizontal burning position CTI 2 600 V lumen mointenance [L80FI0] 72,000 h <b>finish</b> white texture polyester powder or material aluminium suspension bracket + electrical rated supply voltage 220 - 240 V mains frequency 0/ 50 / 60 Hz power consumption 66.62 W leakage current 250 μA [Ight module cossette] in-rush current 224 A / 176 μs power factor [ 0.98 THD 6% overvoltage protection 320 V AC / 48 h					
switch-off time < 50 ms · · · · · · · · · · · · · · · · · ·					
rated lifetime     → 100,000 h       dimensions [m]     L = length     2260       light source     W = width     80       manufacturer     Tridonic     H = height     93       technology     linear LED module     93       operating mode     constant current     93       delivered lumens     6795 lm     mounting       colour rendering index     80     type     suspended       colour temperature     2700 K     method     2.0 m heavy duty stainless steel       colour telerance     3 SDCM     orientation     horizontal burning position       CT1     ≥ 600 V     mounting bracket + end plate     material     aluminium suspension bracket + security end plates       rated supply voltage     220 - 240 V     material     aluminium suspension bracket + security end plates       rated supply voltage     220 - 240 V     finish     white texture polyester powder of security end plates       rated supply voltage     220 - 240 V     material     aluminium suspension bracket + security end plates       rated supply voltage     220 - 240 V     finish     white texture polyester powder of plates </td <td>Ē.</td>	Ē.				
dimensions     Jimensions       L-length     L-length     2200       L-length     W-width     80       manufacturer     Tridonic     H-height     93-0       technology     linear LED module     9     9       operating mode     constant current     9     9       delivered lumens     6795 ln     mutning     2.0 m heavy duty stainless steel       colour rendering index     80     vipe     supended       colour tolerance     35DCM     method     2.0 m heavy duty stainless steel       colour tolerance     35DCM     orientation     horizontal burning position       CT1     2600 V     material     diuminium suspension bracket + security end plates       tecttroal     2.0 - 240 V     material     diuminium suspension bracket + security end plates       material     Gluminium suspension bracket + security end plates     security end plates       power consumption     6.62 W     security end plates       in-rush current     2.94 / 176 µs     material     high-transmission + uv-stabilise playcarbonate [hermetically security end plates]       power factor [					
Index     L - length     280       Hight source     No width     0       manufacturer     Tidonic     H - height     3       technology     linear LED module     -     -     -       opperating mode     constant current     munting     - <td></td>					
Hight sourceW - width80manufacturerTridonicH - height93technologylinear LED modulebeloudedconstant currentdelivered lumens6795 lmmountingcolour rendering index80typesuspended-colour temperature2700 Kmethod2.0 m heavy duty stainless steelorientationhorizontal burning positionCTI2 600 Vumen maintenance [L80F10]> 72,000 hsecurity end platesated supply voltage220 - 240 Vfinishwhite texture polyester powder of security end platesmaterial250 / 60 Hzpower consumption66.62 WmaterialSign JAIight module = security end plates <td colspan="5">dimensions [mm]</td>	dimensions [mm]				
A manufacturerTridonicH - height93technologylinear LED moduleoperating modeconstant currentmountingdelivered lumens6795 lmmountingcolour rendering index80typesuspendedcolour rendering index80method2.0 m heavy duty stainless steelcolour tolerance3 SDCMorientationhorizontal burning positionCT1≥ 600 Vorientationhorizontal burning positionCT1≥ 600 Vmounting bracket + end plateumen maintenance [L80FI0]> 72,000 hmounting bracket + end plateelectricallinishwhite texture polyester powder ofrated supply voltage220 - 240 Vfinishwhite texture polyester powder ofmains frequency0 / 50 / 60 Hzfinishwhite texture polyester powder ofpower consumption66.62 Wmaterialhigh-transmission + uv-stabilisepolycarbonate [hermetically see0.98materialhigh-transmission + uv-stabilisepolycarbonate [hermetically see6%celar reeded					
technology linear LED module operating mode constant current delivered lumens 6795 lm mounting colour rendering index 80 type suspended correlated colour temperature 2700 K method 2.0 m heavy duty stainless steel orientation horizontal burning position CTI ≥ 600 V umen maintenance [L80F10] > 72,000 h cover consumption 66.62 W eakage current 220 – 240 V mains frequency 0 / 50 / 60 Hz oower consumption 66.62 W eakage current 220 A MA in-rush current 22.4 A / 176 µs mourting bracket finish high-transmission + uv-stabilise polycarbonate [hermetical] sign A Mathematical Sign A Mathe					
operating modeconstant currentmountingdelivered lumens6795 lmmeuntingcolour rendering index80typesuspendedcorrelated colour temperature2700 Kmethod2.0 m heavy duty stainless steelcolour tolerance3 SDCMorientationherizontal burning positionCTI> 600 Vmeunting bracket +tumen maintenance [L80FI0]> 72,000 hmeunting bracket +electrical- 72,000 hmaterialaluminium suspension bracket +electrical220 - 240 Vmaterialaluminium suspension bracket +rated supply voltage20 - 240 Vfinishwhite texture polyester powder ofmains frequency0 / 50 / 60 Hzfinishwhite texture polyester powder ofpower consumption662 Win-rush current224 A / 176 µsmaterialin-rush current0.98finishelear reededtHD6%curreededfinishelear reeded					
delivered lumens6795 lmmountingcolour rendering index80typesuspendedcorrelated colour temperature2700 Kmethod2.0 m heavy duty stainless steelcolour tolerance3 SDCMorientationhorizontal burning positionCTI> 600 V					
colour rendering index80typesuspendedcolour temperature2700 Kmethod2.0 m heavy duty stainless steelcolour tolerance3 SDCMorientationhorizontal burning positionCTI> 600 Vmounting bracket + end plateumen maintenance [L80F10]> 72,000 hmounting bracket + end platematerialaluminium suspension bracket + security end plateselectrical220 - 240 Vfinishmains frequency0 / 50 / 60 Hzifinishcower consumption66.2 Wifinishn-rush current224 A / 176 µsmaterialn-rush current2.4 A / 176 µsmaterialpower factor [0.98finishHD6%clear reeded					
Correlated colour temperature2700 Kmethod2.0 m heavy duty stainless steelcolour tolerance3 SDCMorientationhorizontal burning positionCTI2 600 Vumen maintenance [L80F10]> 72,000 helectricalrated supply voltage220 - 240 Vmains frequency0 / 50 / 60 Hzoower consumption66.62 Weakage current350 µAIight module currentower factor [0.98HD6%overvoltage protection320 V AC / 48 h					
colour tolerance3 SDCMorientationhorizontal burning positionCTI2 600 Vumen maintenance [L80F10]72,000 hFalectricalmounting bracket + end platerated supply voltage220 - 240 Vmains frequency0 / 50 / 60 Hzoower consumption66.62 Weakage current350 µAn-rush current224 A / 176 µsoower factor [0.98THD6%oover ofactor [0.98THD620 V AC / 48 h					
CTI ≥ 600 V umen maintenance [L80F10] > 72,000 h selectrical aluminium suspension bracket + end plate material aluminium suspension bracket + security end plates finish white texture polyester powder of the securent of the securent					
umen maintenance [L80F10] > 72,000 h <b>mounting bracket + end plate</b> material aluminium suspension bracket + security end plates finish white texture polyester powder of finish white texture polyester powder of the eakage current n-rush current power factor [ hght module current polycarbonate [hermetical] security finish clear reeded finish clear reeded					
Alectrical material aluminium suspension bracket + security end plates material aluminium suspension bracket + security end plates finish white texture polyester powder of finish white texture polyester powder of the eakage current n-rush current n-rush current power factor [ D D D D D D D D D D D D D					
electrical aluminium suspension bracket + security end plates finish white texture polyester powder of finish white tex					
electricalsecurity end platesrated supply voltage220 - 240 Vfinishwhite texture polyester powder ofmains frequency0 / 50 / 60 Hzpower consumption66.62 WIight module cssetteeakage current< 350 μA					
rated supply voltage 220 - 240 V finish white texture polyester powder of a set of a	aluminium				
mains frequency0 / 50 / 60 HzIght module cassettepower consumption66.62 WIight module cassetteeakage current< 350 μA	poat				
bower consumption66.62 Wlight module cassetteeakage current< 350 μA					
eakage current< 350 μAlight module cassetten-rush current22.4 A / 176 μsmaterialhigh-transmission + uv-stabilise polycarbonate [hermetically sedcower factor [0.98finishclear reededHD6%20 V AC / 48 hclear reeded					
in-rush current 22.4 A / 176 µs material high-transmission + uv-stabilise polycarbonate [hermetically see finish clear reeded] THD 6% finish clear reeded					
power factor [0.98polycarbonate [hermetically secIHD6%finishclear reededovervoltage protection320 V AC / 48 hfinishclear reeded	d extruded				
THD 6% finish clear reeded   overvoltage protection 320 V AC / 48 h 5000000000000000000000000000000000000					
overvoltage protection 320 V AC / 48 h					
mains surge protection [L/N-PE] 2 kV					

## maximum circuit breaker loads

conductor size	1.5mm²		2.5mm²		1.5mm²		2.5mm <sup>2</sup>	
circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20
luminaire quantity	10	14	18	22	6	8	11	13



SVR\_SVR050CLA-NKS2400-DA2827100-WHT\_2308-01

(SURVIVOR) sales@survivorlighting.com +61 2 9191 9800

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