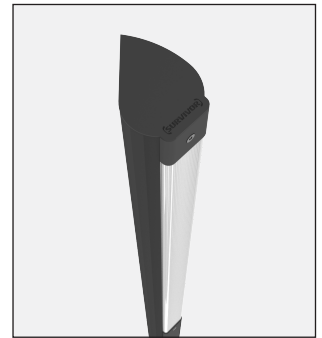
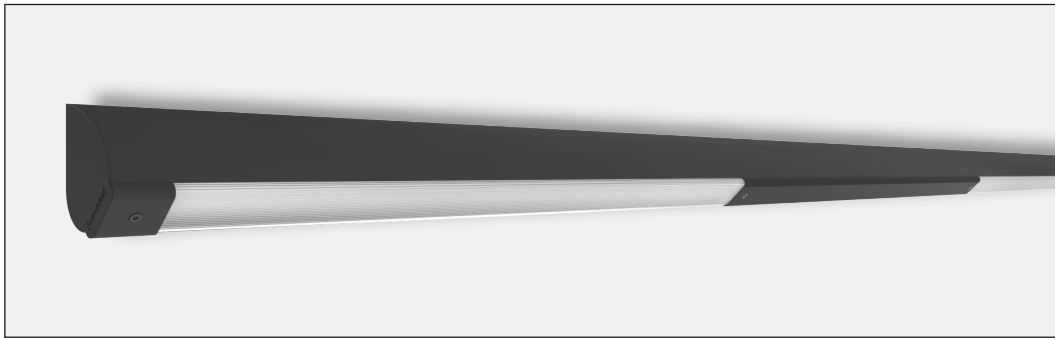




survivor 50 classic **vertex**



description

survivor 50 classic **vertex** surface-mounted profile

IK17 - 175 joules impact resistance

IP66 - hermetically sealed light module

AT06 - anti-tamper security fasteners

Heavy-gauge extruded aluminium mounting base and security caps with durable polyester powder coat finish

Impact-resistant UV-stabilised high-transmission polycarbonate light module diffuser

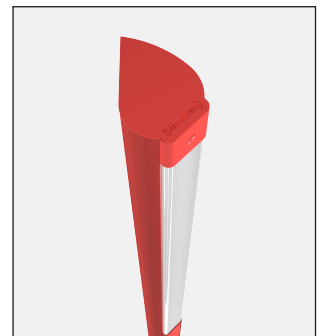
Serviceable replaceable and upgradable light module cassette

Internal socket drive security-torx 304 stainless steel security fasteners

Integral energy efficient Zhaga compliant Tridonic LED modules and power supply unit

Internal stainless steel wire safety lanyards

1.0 m circular flex connection



accreditations

Australian Made and Owned
DALI Alliance membership
RCM

warranty

7-year standard
10-year on application

applications

extremely robust surface-mounted luminaire that excels in challenging environments, with a durable construction ensuring dependable illumination. Ideal for infrastructure, industrial and public settings, providing superior performance in harsh conditions

standards

AS/NZS 60598.1:2017
AS/NZS 60598.2.1:2014
AS/NZS 60598.2.22:2019
AS/NZS 2293.3:2018
AS 60529-2004
IEC/EN 62262:2002+A1:2021
ANSI/IES LM-79-19
ANSI/IES LM-80-21
ANSI/IES TM-21-21



survivor 50 classic **vertex**

options

finishes

black texture • white texture • red matte
additional non-standard powder coat colours
35-year warranty powder coat on request

colour rendering index [CRI]

80+ • 90+

correlated colour temperature [CCT]

2700 K • 3000 K • 3500 K • 4000 K • 5000 K • 6500 K • tunable white

coloured LEDs

RGB • RGB+W • RGBW • RGBW+W • red • green • blue

control system

DALI-2 • fixed output • Casambi wireless • switchDIM • 0-10 V

electrical connection

IP68 quick-connect plug+socket • IP20 plug

sensors

type microwave • passive infrared
control system DALI-2 • Casambi wireless • basic on/off
detection mode presence • ambient light

emergency packs

type integrated
monitoring DALI-2 • OEM proprietary
operating mode maintained • non-maintained • sustained

Technical drawing of the Survivor 50 Classic Vertex light fixture. The top view shows a rectangular unit with length L and width W. The side view shows a height H and a 45-degree beam angle. A detail of the lens shows a diameter of 81 mm.

single unit lengths [mm]

nominal	L	W	H
500	460	93	126
700	690	93	126
1000	970	93	126
1200	1,250	93	126
1500	1,530	93	126
1800	1,810	93	126
2100	2,090	93	126
2400	2,370	93	126

integrated systems

description

fully integrated and modular plug-n-play lighting systems designed to excel in the most challenging and robust environments. each system is custom-manufactured in Australia with pre-fabricated sections, pre-wired light modules, and interconnecting IP68 quick-connect plugs+sockets; making installation and maintenance simple and easy. available with multiple circuits for flexible lighting control, while ensuring efficient and reliable operation. each integrated lighting system is built to provide dependable and long-lasting illumination under the most demanding conditions

sensors

type microwave • passive infrared
control system DALI-2 • Casambi wireless • basic on/off
detection mode presence • ambient light

emergency packs

type integrated • spitfire
monitoring DALI-2 • OEM proprietary
operating mode maintained • non-maintained • sustained



photometric performance

CRI80 | CCT 2700 K | 827

output setting	20%		40%		60%		80%		100%	
nominal length	lumens	wattage	lumens	wattage	lumens	wattage	lumens	wattage	lumens	wattage
500	134	2	268	3	402	5	535	7	669	8
700	268	3	535	7	803	10	1071	13	1338	17
1000	402	5	803	10	1205	15	1606	20	2008	25
1200	535	7	1071	13	1606	20	2141	27	2677	33
1500	669	8	1338	17	2008	25	2677	33	3346	42
1800	803	10	1606	20	2409	30	3212	40	4015	50
2100	937	12	1874	23	2811	35	3747	47	4684	58
2400	1071	13	2141	29	3212	40	4283	53	5353	67

CRI80 | CCT 3000 K | 830

output setting	20%		40%		60%		80%		100%	
nominal length	lumens	wattage	lumens	wattage	lumens	wattage	lumens	wattage	lumens	wattage
500	211	3	421	5	632	7	842	10	1053	12
700	421	5	842	10	1264	15	1685	20	2106	25
1000	632	7	1264	15	1895	22	2527	30	3159	37
1200	842	10	1685	20	2527	30	3370	40	4212	50
1500	1053	12	2106	25	3159	37	4212	50	5265	62
1800	1264	15	2527	30	3791	47	5054	60	6318	75
2100	1474	17	2948	35	4423	52	5897	70	7371	87
2400	1685	20	3370	40	5054	60	6739	80	8424	100

CRI80 | CCT 3500 K | 835

output setting	20%		40%		60%		80%		100%	
nominal length	lumens	wattage	lumens	wattage	lumens	wattage	lumens	wattage	lumens	wattage
500	142	2	284	3	426	5	569	7	711	8
700	284	3	569	7	853	10	1137	13	1422	17
1000	426	5	853	10	1279	15	1706	20	2132	25
1200	569	7	1137	13	1706	20	2275	27	2843	33
1500	711	8	1422	17	2132	25	2843	33	3554	42
1800	853	10	1706	20	2559	30	3412	40	4265	50
2100	995	12	1990	23	2985	35	3981	47	4976	58
2400	1137	13	2275	29	3412	40	4549	53	5687	67

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± 5% measurement uncertainty



photometric performance

CRI80 | CCT 4000 K | 840

output setting	20%		40%		60%		80%		100%	
nominal length	lumens	wattage	lumens	wattage	lumens	wattage	lumens	wattage	lumens	wattage
500	220	3	441	5	661	7	882	10	1102	12
700	441	5	882	10	1323	15	1764	20	2204	25
1000	661	7	1323	15	1984	22	2645	30	3307	37
1200	882	10	1764	20	2645	30	3527	40	4409	50
1500	1102	12	2204	25	3307	37	4409	50	5511	62
1800	1323	15	2645	30	3968	47	5291	60	6613	75
2100	1543	17	3086	35	4629	52	6172	70	7715	87
2400	1764	20	3527	40	5291	60	7054	80	8818	100

CRI80 | CCT 5000 K | 850

output setting	20%		40%		60%		80%		100%	
nominal length	lumens	wattage	lumens	wattage	lumens	wattage	lumens	wattage	lumens	wattage
500	217	3	435	5	652	7	869	10	1086	12
700	435	5	869	10	1304	15	1738	20	2173	25
1000	652	7	1304	15	1955	22	2607	30	3259	37
1200	869	10	1738	20	2607	30	3476	40	4345	50
1500	1086	12	2173	25	3259	37	4345	50	5432	62
1800	1304	15	2607	30	3911	47	5214	60	6518	75
2100	1512	17	3042	35	4563	52	6083	70	7604	87
2400	1738	20	3476	40	5214	60	6952	80	8691	100

CRI80 | CCT 6500 K | 865

output setting	20%		40%		60%		80%		100%	
nominal length	lumens	wattage	lumens	wattage	lumens	wattage	lumens	wattage	lumens	wattage
500	219	3	437	5	656	7	874	10	1093	12
700	437	5	874	10	1312	15	1749	20	2186	25
1000	656	7	1312	15	1967	22	2623	30	3279	37
1200	874	10	1749	20	2623	30	3498	40	4372	50
1500	1093	12	2186	25	3279	37	4372	50	5465	62
1800	1312	15	2623	30	3935	47	5246	60	6558	75
2100	1530	17	3060	35	4591	52	6121	70	7651	87
2400	1749	20	3498	40	5246	60	6995	80	8744	100

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± 5% measurement uncertainty



photometric performance

CRI90 | CCT 2700 K | 927

output setting	20%		40%		60%		80%		100%	
nominal length	lumens	wattage	lumens	wattage	lumens	wattage	lumens	wattage	lumens	wattage
500	115	2	230	3	344	5	459	7	574	8
700	230	3	459	7	689	10	919	13	1148	17
1000	344	5	689	10	1033	15	1378	20	1722	25
1200	459	7	919	13	1378	20	1837	27	2296	33
1500	574	8	1148	17	1722	25	2296	33	2871	42
1800	689	10	1378	20	2067	30	2756	40	3445	50
2100	804	12	1607	23	2411	35	3215	47	4019	58
2400	919	13	1837	29	2756	40	3674	53	4593	67

CRI90 | CCT 3000 K | 930

output setting	20%		40%		60%		80%		100%	
nominal length	lumens	wattage	lumens	wattage	lumens	wattage	lumens	wattage	lumens	wattage
500	179	3	358	5	537	7	716	10	895	12
700	358	5	716	10	1074	15	1432	20	1789	25
1000	537	7	1074	15	1610	22	2147	30	2684	37
1200	716	10	1432	20	2147	30	2863	40	3579	50
1500	895	12	1789	25	2684	37	3579	50	4474	62
1800	1074	15	2147	30	3221	47	4295	60	5368	75
2100	1253	17	2505	35	3758	52	5010	70	6263	87
2400	1432	20	2863	40	4295	60	5726	80	7158	100

CRI90 | CCT 3500 K | 935

output setting	20%		40%		60%		80%		100%	
nominal length	lumens	wattage	lumens	wattage	lumens	wattage	lumens	wattage	lumens	wattage
500	123	2	246	3	370	5	493	7	616	8
700	246	3	493	7	739	10	985	13	1232	17
1000	370	5	739	10	1109	15	1478	20	1848	25
1200	493	7	985	13	1478	20	1971	27	2464	33
1500	616	8	1232	17	1848	25	2464	33	3079	42
1800	739	10	1478	20	2217	30	2956	40	3695	50
2100	862	12	1724	23	2587	35	3449	47	4311	58
2400	985	13	1971	29	2956	40	3942	53	4927	67

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± 5% measurement uncertainty



product data sheet



photometric performance

CRI90 | CCT 4000 K | 940

output setting	20%		40%		60%		80%		100%	
	lumens	wattage	lumens	wattage	lumens	wattage	lumens	wattage	lumens	wattage
nominal length										
500	187	3	374	5	561	7	748	10	935	12
700	374	5	748	10	1122	15	1496	20	1870	25
1000	561	7	1122	15	1683	22	2243	30	2804	37
1200	748	10	1496	20	2243	30	2991	40	3739	50
1500	935	12	1870	25	2804	37	3739	50	4674	62
1800	1122	15	2243	30	3365	47	4487	60	5609	75
2100	1309	17	2617	35	3926	52	5235	70	6543	87
2400	1496	20	2991	40	4487	60	5982	80	7478	100

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± 5% measurement uncertainty