

99 Series Datasheet

Modules



Tridonic SLE



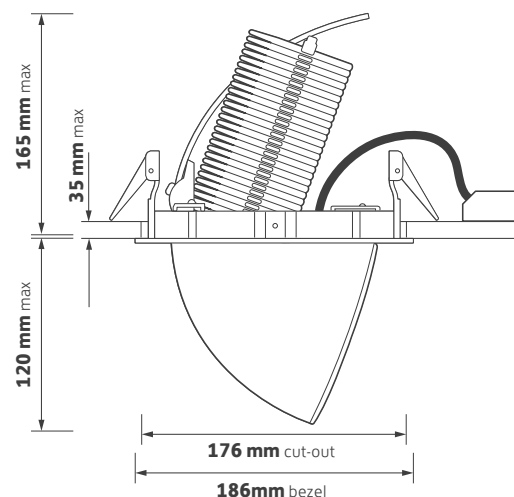
0 mm

186 mm

Key Features

- ▶ Die-cast fully adjustable LED Scoop
- ▶ Multi-faceted reflector
- ▶ ECO dimming option
- ▶ Outstanding efficacy of up to 146 lm/W
- ▶ Life >60,000 hours L70 F10

Technical Drawing



Ordering Information

3000 lm / 5000 lm / 6000 lm modules

- ▶ Best LED Operation (BLO) and High Efficiency (HE) operating status
- ▶ Ra 80 and Ra 90 colour rendering options
- ▶ 3000 K and 4000 K colour temperature options
- ▶ Fixed output and dimming options

Please select from the options below.

SwitchDIM, DALI or DSI

/ECO

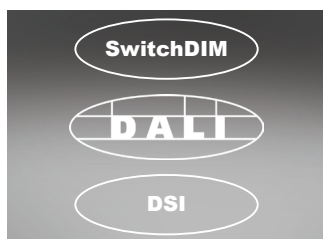
Single Point Connection to an ILEM product

/SPC

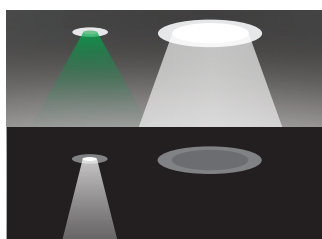


99 Series Options and Accessories

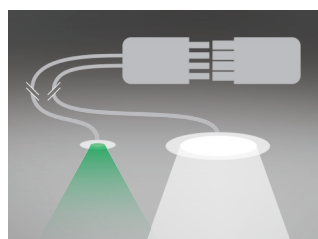
Options



/ECO
SwitchDIM, DALI or DSI



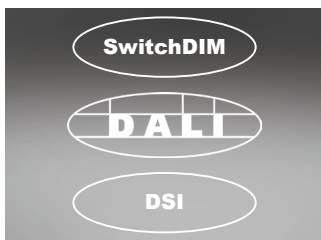
ILEM
Please see ILEM datasheet



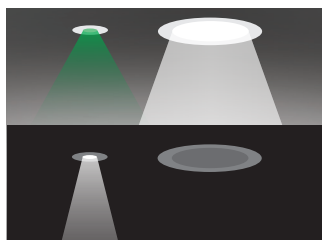
/SPC
Single Point Connection to ILEM
product

99 Series Options and Accessories

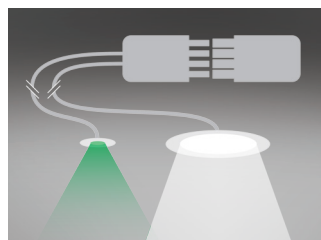
Options



/ECO
SwitchDIM, DALI or DSI



ILEM
Please see ILEM datasheet



/SPC
Single Point Connection to ILEM
product

99 Series Technical

Technical Information

Nominal weight	0.5 kg	Operating ambient temperature	-25°C to +35°C
Mains voltage	220 - 240 V	Mains lead	500 mm 3 core LSF
Mains frequency	50 - 60 Hz	Dimming lead (/ECO)	500 mm 2 core LSF
Ingress protection from front	IP20	Warranty	5 years
Ingress protection from rear	IP20	Power factor	>0.9
Optical efficiency (DLOR)	85%	MacAdam	3 SDCM

Model Ref.	Luminaire Power (W)	Module Output (lm)	Module Efficacy (lm/W)	Luminaire Output (Llm)	Luminaire Efficacy (Llm/W)	Colour Temp (K)	Colour Rendering (R _a)	Operating Status
99.2005	12.5	1435	115	1220	97.6	3000	90	HE
99.2006	17.1	1780	104	1513	88.5	3000	90	BLO
99.3005	17.1	2050	120	1743	101.9	3000	90	HE
99.4005	21.2	2373	112	2017	95.1	3000	90	HE
99.3006	24.9	2653	107	2255	90.6	3000	90	BLO
99.4006	34.5	3650	106	3103	89.9	3000	90	BLO
99.2007	12.5	1535	123	1305	104.4	4000	90	HE
99.2008	17.1	1904	111	1618	94.6	4000	90	BLO
99.3007	17.1	2224	130	1890	110.5	4000	90	HE
99.4007	21.2	2528	119	2149	101.4	4000	90	HE
99.3008	24.9	2878	116	2446	98.2	4000	90	BLO
99.4008	34.5	3889	113	3306	95.8	4000	90	BLO
99.2001	12.5	1720	138	1462	117.0	3000	80	HE
99.2002	17.1	2140	125	1819	106.4	3000	80	BLO
99.3001	17.1	2490	146	2117	123.8	3000	80	HE
99.4001	22.1	3033	137	2578	116.7	3000	80	HE
99.3002	24.9	3071	123	2610	104.8	3000	80	BLO
99.4002	32.3	4028	125	3424	106.0	3000	80	BLO
99.2003	12.5	1800	144	1530	122.4	4000	80	HE
99.2004	15.0	2081	139	1769	117.9	4000	80	BLO
99.3003	17.1	2490	146	2117	123.8	4000	80	HE
99.4003	22.1	3190	144	2712	122.7	4000	80	HE
99.3004	24.9	3221	129	2738	110.0	4000	80	BLO
99.4004	32.3	4131	128	3511	108.7	4000	80	BLO

Please note: Specification values may change due to rapid development of lighting technology. All performance data is taken at an ambient temperature of +25°C. Data may be rounded up/down for illustrative purposes. Tolerance range of optical and electrical data is +/-10%. We reserve the right to amend or change details without prior notification. E&OE. **MDS-137T-REV3 19/04/2016**

99 Series Life

25°C Ta (Ambient Temperature)

Model Ref.	L80 / F10	L70 / F10
99.2001	45,000 h	>60,000 h
99.2002	45,000 h	>60,000 h
99.2003	45,000 h	>60,000 h
99.2004	45,000 h	>60,000 h
99.2005	45,000 h	>60,000 h
99.2006	45,000 h	>60,000 h
99.2007	45,000 h	>60,000 h
99.2008	45,000 h	>60,000 h
99.3001	51,000 h	>60,000 h
99.3002	51,000 h	>60,000 h
99.3003	51,000 h	>60,000 h
99.3004	51,000 h	>60,000 h
99.3005	51,000 h	>60,000 h
99.3006	51,000 h	>60,000 h
99.3007	51,000 h	>60,000 h
99.3008	51,000 h	>60,000 h
99.4001	47,000 h	>60,000 h
99.4002	47,000 h	>60,000 h
99.4003	47,000 h	>60,000 h
99.4004	47,000 h	>60,000 h
99.4005	47,000 h	>60,000 h
99.4006	47,000 h	>60,000 h
99.4007	47,000 h	>60,000 h
99.4008	47,000 h	>60,000 h

“L VALUE” = % of initial lumens maintained after specified time

“F VALUE” = % of fittings failing to meet operational expectations after specified time

EXAMPLE

60,000 hrs L80 / F10 = 80% of initial lumens maintained after 60,000 hours
= 10% of fittings will have less than 80% of initial lumens after 60,000 hours
OR
= 90% of fittings will have maintained 80% of initial lumens after 60,000 hours