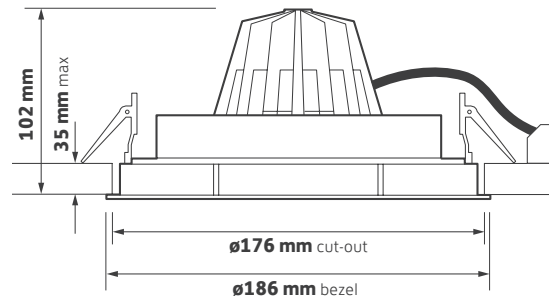


Key Features

- ▶ Height under 102 mm using optimised passive thermodynamics
- ▶ White finish RAL9010
- ▶ Die-cast fully adjustable gimbal with interchangeable accessories
- ▶ ECO dimming and emergency options
- ▶ Outstanding module efficacy of up to 172 lm/W
- ▶ Medium beam reflector supplied as standard, narrow and wide beam options available
- ▶ Life >60,000 hours (L70 / F10)

Technical Drawing



Ordering Information

Output	Power	Colour	Model Ref.
775 lm	5 W	830	97.2009
775 lm	5 W	840	97.2010
1625 lm	13 W	830	97.2001
1625 lm	13 W	840	97.2003
1875 lm	17 W	830	97.2002
1875 lm	16 W	840	97.2004
2100 lm	18 W	830	97.3001
2100 lm	18 W	840	97.3003
2675 lm	25 W	830	97.3002
2675 lm	25 W	840	97.3004
3250 lm	32 W	830	97.5001
3250 lm	32 W	840	97.5002

Options

Please select from the options below.

High colour rendering	≥R_a 90
SwitchDIM, DALI or DSI	/ECO
Single Point Connection to an ILEM product	/SPC
Please see accessories sheet	Accessories

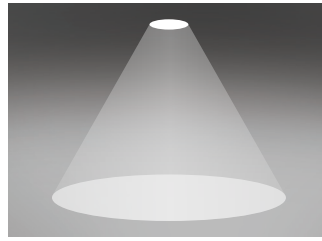


97 Series Options and Accessories

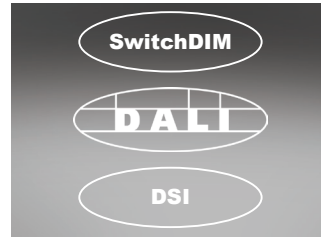
Options



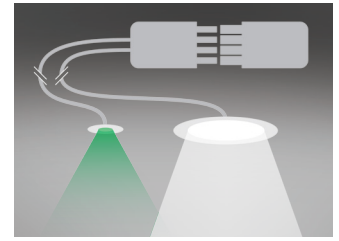
/NB
Narrow beam reflector



/WB
Wide beam reflector
(excluding 97.5XXX)



/ECO
SwitchDIM, DALI or DSI

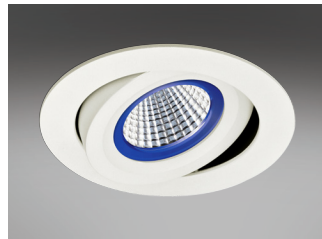


/SPC
Single Point Connection to ILEM
product

Accessories



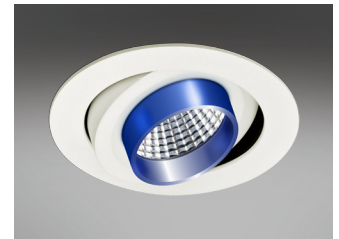
TA220/FROST
Frosted hi-light



TA220/BLUE
Blue hi-light



TA210/FROST
Frosted vertical halo



TA210/BLUE
Blue vertical halo



TA206
Glass scatter dome



TA240
Clear glass



TA241
Centre etched glass



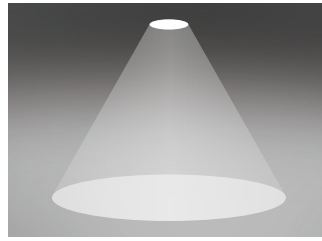
TA242
Fully etched glass

97 Series Options and Accessories

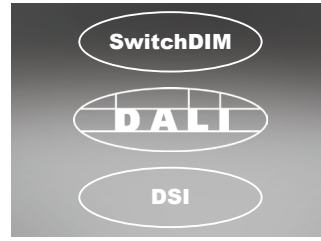
Options



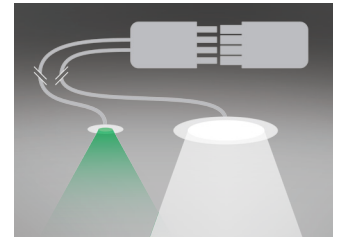
/NB
Narrow beam reflector



/WB
Wide beam reflector
(excluding 97.5XXX)



/ECO
SwitchDIM, DALI or DSI

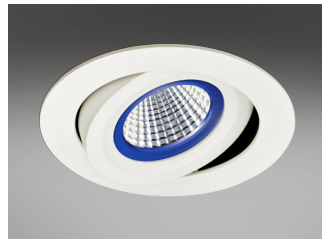


/SPC
Single Point Connection to ILEM
product

Accessories



TA220/FROST
Frosted hi-light



TA220/BLE
Blue hi-light



TA210/FROST
Frosted vertical halo



TA210/BLE
Blue vertical halo



TA206
Glass scatter dome



TA240
Clear glass



TA241
Centre etched glass



TA242
Fully etched glass

97 Series Technical

Technical Information

Nominal weight	1.2 kg	Operating ambient temperature	-25°C to +35°C
Mains voltage	220 - 240 V	Mains lead	500 mm LSF
Mains frequency	50 - 60 Hz	Dimming lead	500 mm 2 core LSF
Ingress protection from front	IP20	Warranty	5 years
Ingress protection from rear	IP20	Power factor	>0.9
MacAdam	3 SDCM		

Model Ref.	Module Power (W)	Module Output (lm)	Module Efficacy (lm/W)	Luminaire Power (W)	Luminaire Output (Llm)	Luminaire Efficacy (Llm/W)	Colour Temp (K)	Colour Rendering (R _a)	Optical Efficiency (%)
97.2009	4.8	893	172	5.2	748	143.8	3000	≥80	84
97.2010	4.8	965	166	5.2	809	155.5	4000	≥80	84
97.2001	11.9	1892	138	12.5	1585	126.8	3000	≥80	84
97.2003	11.9	1980	144	12.5	1658	132.7	4000	≥80	84
97.2002	16.0	2247	125	17.1	1882	110.1	3000	≥80	84
97.2004	14.0	2216	130	16.0	1856	116.0	4000	≥80	84
97.3001	15.4	2493	135	17.6	2048	116.4	3000	≥80	82
97.3003	15.4	2615	142	17.5	2148	122.8	4000	≥80	82
97.3002	21.0	3163	121	25.3	2599	102.7	3000	≥80	82
97.3004	21.0	3318	127	25.3	2726	107.8	4000	≥80	82
97.5001	25.8	3927	126	32.0	3200	100.0	3000	≥80	81
97.5002	25.8	4028	129	32.0	3281	102.5	4000	≥80	81
97.2011	4.8	773	133	5.2	647	124.5	3000	≥90	84
97.2012	4.8	814	140	5.2	682	131.2	4000	≥90	84
97.2005	11.9	1579	115	12.5	1322	105.8	3000	≥90	84
97.2007	11.9	1689	123	12.5	1414	113.1	4000	≥90	84
97.2006	16.0	1869	104	17.1	1565	91.5	3000	≥90	84
97.2008	16.0	1999	111	17.1	1675	97.9	4000	≥90	84
97.3005	15.4	2153	116	17.6	1769	100.5	3000	≥90	82
97.3007	15.4	2335	126	17.6	1919	109.0	4000	≥90	82
97.3006	21.0	2733	105	25.3	2245	88.7	3000	≥90	82
97.3008	21.0	2964	114	25.3	2436	96.3	4000	≥90	82
97.5003	27.7	3541	106	34.3	2884	84.1	3000	≥90	81
97.5004	27.7	3772	113	34.3	3073	89.6	4000	≥90	81

97 Series Life

25°C Ta (Ambient Temperature)

Model Ref.	L80 / F10	L70 / F10
97.2001	45,000 h	>60,000 h
97.2002	45,000 h	>60,000 h
97.2003	45,000 h	>60,000 h
97.2004	45,000 h	>60,000 h
97.2005	45,000 h	>60,000 h
97.2006	45,000 h	>60,000 h
97.2007	45,000 h	>60,000 h
97.2008	45,000 h	>60,000 h
97.2009	45,000 h	>60,000 h
97.2010	45,000 h	>60,000 h
97.2011	45,000 h	>60,000 h
97.2012	45,000 h	>60,000 h
97.3001	51,000 h	>60,000 h
97.3002	51,000 h	>60,000 h
97.3003	51,000 h	>60,000 h
97.3004	51,000 h	>60,000 h
97.3005	51,000 h	>60,000 h
97.3006	51,000 h	>60,000 h
97.3007	51,000 h	>60,000 h
97.3008	51,000 h	>60,000 h
97.5001	43,000 h	>60,000 h
97.5002	43,000 h	>60,000 h
97.5003	43,000 h	>60,000 h
97.5004	43,000 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