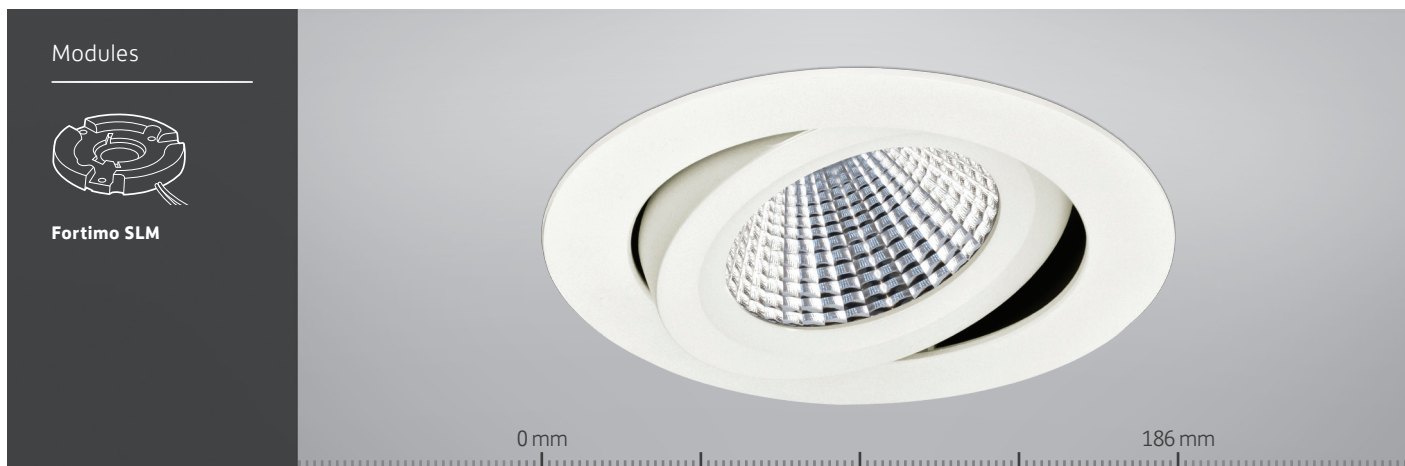


79 Series Datasheet



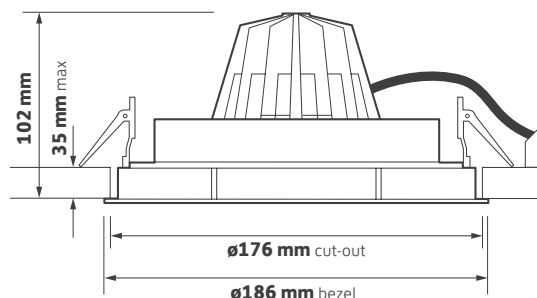
Key Features

- ▶ Height only 102 mm using optimised passive thermodynamics
- ▶ White finish
- ▶ Die-cast fully adjustable gimbal with interchangeable accessories
- ▶ Multi-faceted reflector with an excellent optical efficiency of 84%
- ▶ Medium beam reflector supplied as standard, narrow and wide beam options available
- ▶ Matched with Philips Xitanium drivers for optimum performance
- ▶ Excellent efficacy to aid in Part L compliance
- ▶ Dimming options
- ▶ 5 year warranty 50,000 hours
- ▶ Comes with 500 mm supply lead

Ordering Information

Output	Power	Colour	Model Ref.
700 lm	7 W	830	79.801
700 lm	7 W	840	79.802
1325 lm	12 W	830	79.1101
1325 lm	12 W	840	79.1102
2050 lm	18 W	830	79.2001
2050 lm	18 W	840	79.2002
2750 lm	27 W	830	79.3001
2750 lm	27 W	840	79.3002

Technical Drawing



Options

Please select from the options below.

Touch dimming / DALI	/T+DALI
Single Point Connection to an ILEM product	/SPC
Please see accessories sheet	Accessories



79 Series Options and Accessories

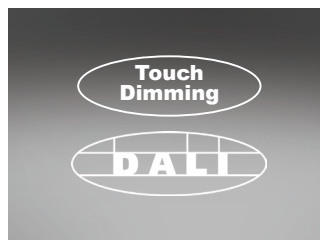
Options



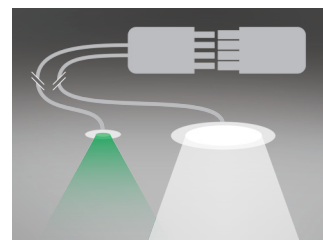
/NB
Narrow beam reflector



/WB
Wide beam reflector



/T+DALI
Touch dimming / DALI

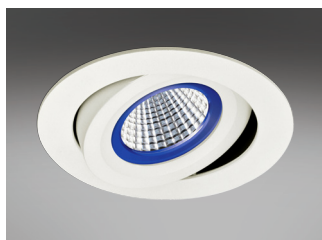


/SPC
Single Point Connection to an ILEM product

Accessories



TA220/FROST
Frosted hi-light



TA220/BUE
Blue hi-light



TA210/FROST
Frosted vertical halo



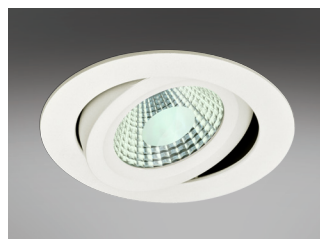
TA210/BUE
Blue vertical halo



TA206
Glass scatter dome



TA240
Clear glass



TA241
Centre etched glass



TA242
Fully etched glass

79 Series Options and Accessories

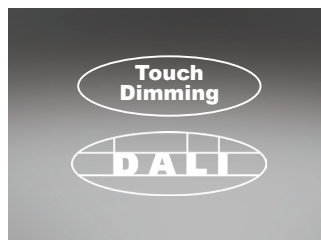
Options



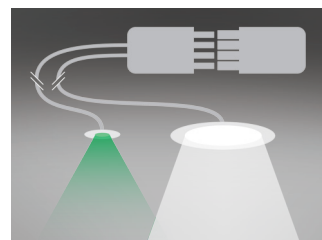
/NB
Narrow beam reflector



/WB
Wide beam reflector



/T+DALI
Touch dimming / DALI

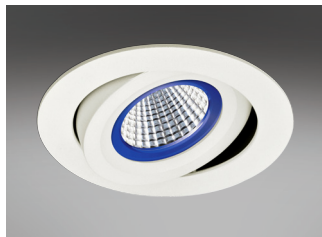


/SPC
Single Point Connection to an ILEM product

Accessories



TA220/FROST
Frosted hi-light



TA220/BUE
Blue hi-light



TA210/FROST
Frosted vertical halo



TA210/BUE
Blue vertical halo



TA206
Glass scatter dome



TA240
Clear glass



TA241
Centre etched glass



TA242
Fully etched glass

79 Series Technical

Technical Information

Nominal weight	1.0 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
Optical efficiency (DLOR)	84%	Colour rendering	R _a 80
MacAdam	3 SDCM	White finish	RAL 9010

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)
79.801	4.9	819	117.0	7.0	688	98.3	3000
79.802	4.9	854	122.0	7.0	717	102.5	4000
79.1101	9.1	1540	133.7	11.5	1294	112.3	3000
79.1102	9.1	1606	139.4	11.5	1349	117.1	4000
79.2001	15.4	2399	130.9	18.3	2015	109.9	3000
79.2002	15.4	2502	136.5	18.3	2102	114.6	4000
79.3001	22.8	3199	120.7	26.5	2687	101.4	3000
79.3002	22.8	3337	125.9	26.5	2803	105.7	4000

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-102T-REV7 12/04/2017**

79 Series Life

25°C Ta (Ambient Temperature)

Model Ref.	L90 / B10	L80 / B10	L70 / B10
79.801	>50,000 h	>50,000 h	>50,000 h
79.802	>50,000 h	>50,000 h	>50,000 h
79.1101	41,000 h	>50,000 h	>50,000 h
79.1102	41,000 h	>50,000 h	>50,000 h
79.2001	38,000 h	>50,000 h	>50,000 h
79.2002	38,000 h	>50,000 h	>50,000 h
79.3001	26,000 h	>50,000 h	>50,000 h
79.3002	26,000 h	>50,000 h	>50,000 h

“L VALUE” = % of initial lumens maintained after specified time
“B VALUE” = % of fittings that will have depreciated below the L value after specified time

EXAMPLE
50,000 hrs L70 / B50 = 70% of initial lumens maintained after 50,000 hours
= 50% of fittings will have depreciated below 70% of the initial lumens after 50,000 hours
OR
= 50% of fittings will have maintained 70% of the initial lumens after 50,000 hours