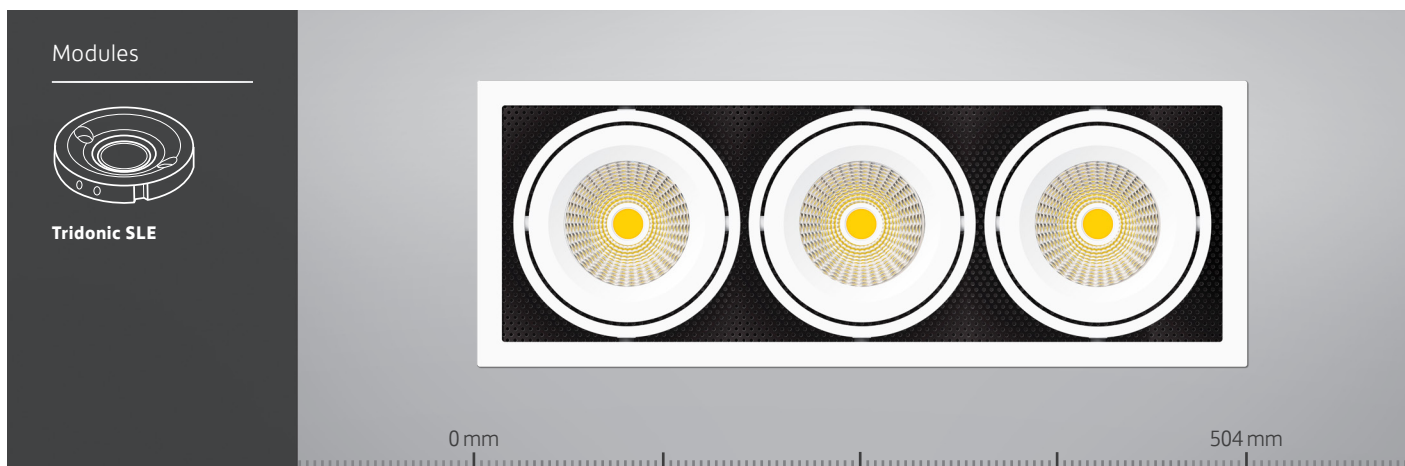


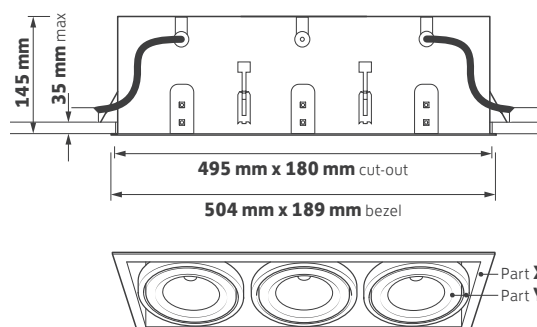
123 Series Datasheet



Key Features

- ▶ Fully adjustable triple LED framelight
- ▶ Single and twin versions available
- ▶ Medium beam multi-faceted reflectors as standard
- ▶ Paired with Tridonic system for outstanding efficacy
- ▶ Beam angle and colourway options
- ▶ Two gimbal fixing positions for added flexibility
- ▶ Outstanding module efficacy of up to 185.7 lm/tcW
- ▶ Integral LED emergency option
- ▶ Life >60,000 hours (L70 / F10)

Technical Drawing



Ordering Information

Total Output	Total Power	Colour	Model Ref.
2325 lm	16 W	830	123.2009/XY
2325 lm	16 W	840	123.2010/XY
4875 lm	38 W	830	123.2001/XY
4875 lm	38 W	840	123.2003/XY
5600 lm	51 W	830	123.2002/XY
5600 lm	48 W	840	123.2004/XY
6300 lm	53 W	830	123.3001/XY
6300 lm	53 W	840	123.3003/XY
8000 lm	76 W	830	123.3002/XY
8000 lm	76 W	840	123.3004/XY
9725 lm	96 W	830	123.5001/XY
9725 lm	96 W	840	123.5002/XY

Options

Please select from the options below.

High colour rendering	≥R_a 90
SwitchDIM, DALI or DSI	/ECO
W = White RAL9016 B = Black RAL9005	Part X
W = White RAL9016 B = Black RAL9005	Part Y
Single Point Connection to an ILEM product	/SPC



123 Series Options and Accessories

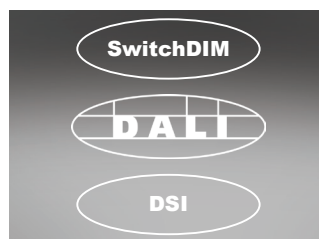
Options



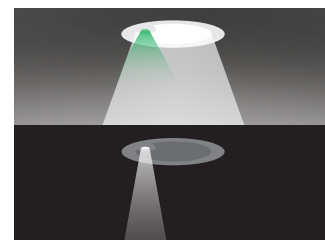
/NB
Narrow beam reflector



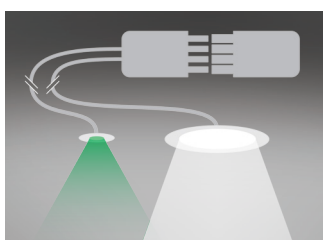
/WB
Wide beam reflector
(excluding 123.5XXX/XY)



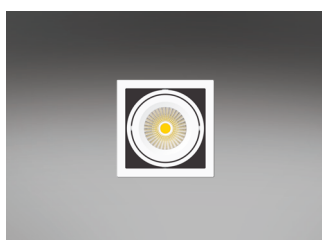
/ECO
SwitchDIM, DALI or DSI



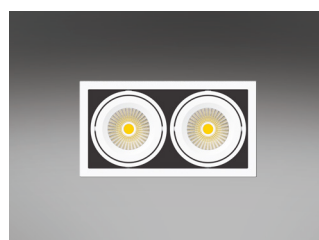
ILEM Clip-in (long clip)
Please see ILEM datasheet



/SPC
Single Point Connection to an ILEM
product

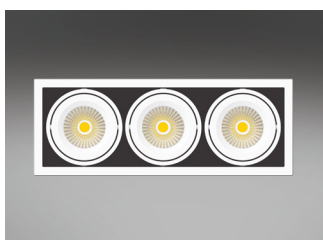


Single available
Please see 121 Series datasheet



Twin available
Please see 122 Series datasheet

Finishes (XY)



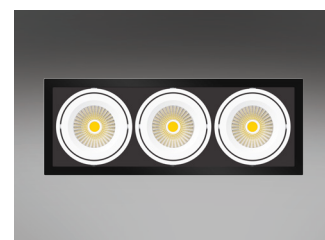
/WW
White, white



/BB
Black, black



/WB
White, black



/BW
Black, white

NB: White - RAL9016
Black - RAL9005

123 Series Options and Accessories

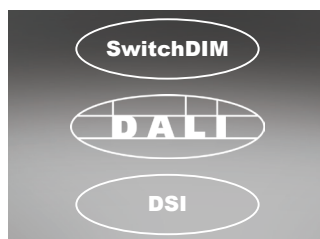
Options



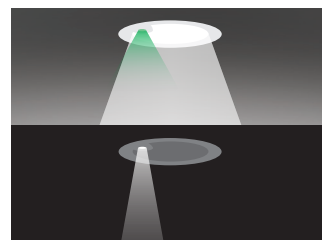
/NB
Narrow beam reflector



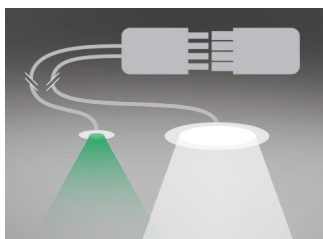
/WB
Wide beam reflector
(excluding 123.5XXX/XY)



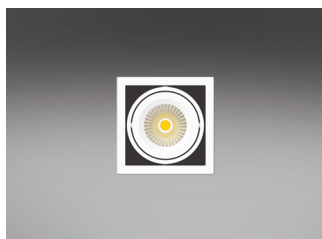
/ECO
SwitchDIM, DALI or DSI



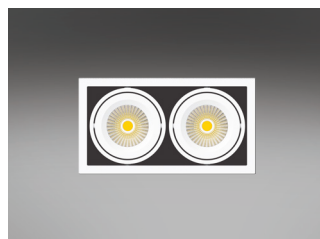
ILEM Clip-in (long clip)
Please see ILEM datasheet



/SPC
Single Point Connection to an ILEM
product

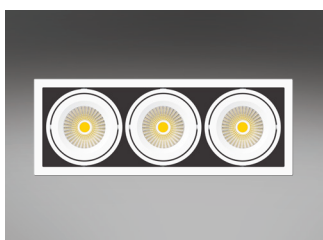


Single available
Please see 121 Series datasheet



Twin available
Please see 122 Series datasheet

Finishes (XY)



/WW
White, white



/BB
Black, black



/WB
White, black



/BW
Black, white

NB: White - RAL9016
Black - RAL9005

123 Series Technical

Technical Information

Nominal weight	2.2 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 (/ECO)	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.	Total Module Power (W)	Total Module Output (lm)	Module Efficacy (lm/W)	Total Luminaire Power (W)	Total Luminaire Output (Llm)	Luminaire Efficacy (Llm/W)	Colour Temp (K)	Colour Rendering (R _a)	Optical Efficiency (%)
123.2009/XY	14.4	2678	171.7	15.6	2243	143.8	3000	≥80	84
123.2010/XY	14.4	2896	185.7	15.6	2426	155.5	4000	≥80	84
123.2001/XY	35.7	5676	151.4	37.5	4754	126.8	3000	≥80	84
123.2003/XY	35.7	5940	158.4	37.5	4975	132.7	4000	≥80	84
123.2002/XY	48.0	6741	131.4	51.3	5646	110.1	3000	≥80	84
123.2004/XY	42.0	6649	138.5	48.0	5569	116.0	4000	≥80	84
123.3001/XY	46.2	7478	141.6	52.8	6132	116.1	3000	≥80	82
123.3003/XY	46.2	7844	149.4	52.5	6445	122.8	4000	≥80	82
123.3002/XY	63.0	9489	125.0	75.9	7797	102.7	3000	≥80	82
123.3004/XY	63.0	9953	131.1	75.9	8178	107.8	4000	≥80	82
123.5001/XY	77.4	11782	122.7	96.0	9599	100.0	3000	≥80	81
123.5002/XY	77.4	12083	125.9	96.0	9844	102.5	4000	≥80	81
123.2011/XY	14.4	2318	148.6	15.6	1942	124.5	3000	≥90	84
123.2012/XY	14.4	2443	156.6	15.6	2046	131.2	4000	≥90	84
123.2005/XY	35.7	4736	126.3	37.5	3966	105.8	3000	≥90	84
123.2007/XY	35.7	5066	135.1	37.5	4243	113.1	4000	≥90	84
123.2006/XY	48.0	5607	109.3	51.3	4696	91.5	3000	≥90	84
123.2008/XY	48.0	5998	116.9	51.3	5024	97.9	4000	≥90	84
123.3005/XY	46.2	6458	122.3	52.8	5306	100.5	3000	≥90	82
123.3007/XY	46.2	7006	132.7	52.8	5757	109.0	4000	≥90	82
123.3006/XY	63.0	8198	108.0	75.9	6736	88.7	3000	≥90	82
123.3008/XY	63.0	8893	117.2	75.9	7307	96.3	4000	≥90	82
123.5003/XY	83.1	10622	103.2	102.9	8653	84.1	3000	≥90	81
123.5004/XY	83.1	11317	110.0	102.9	9220	89.6	4000	≥90	81

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-156T-REV4 01/02/2017**

123 Series Life

25°C Ta (Ambient Temperature)

Model Ref.	L80 / F10	L70 / F10
123.2001	45,000 h	>60,000 h
123.2002	45,000 h	>60,000 h
123.2003	45,000 h	>60,000 h
123.2004	45,000 h	>60,000 h
123.2005	45,000 h	>60,000 h
123.2006	45,000 h	>60,000 h
123.2007	45,000 h	>60,000 h
123.2008	45,000 h	>60,000 h
123.2009	45,000 h	>60,000 h
123.2010	45,000 h	>60,000 h
123.2011	45,000 h	>60,000 h
123.2012	45,000 h	>60,000 h
123.3001	51,000 h	>60,000 h
123.3002	51,000 h	>60,000 h
123.3003	51,000 h	>60,000 h
123.3004	51,000 h	>60,000 h
123.3005	51,000 h	>60,000 h
123.3006	51,000 h	>60,000 h
123.3007	51,000 h	>60,000 h
123.3008	51,000 h	>60,000 h
123.5001	43,000 h	>60,000 h
123.5002	43,000 h	>60,000 h
123.5003	43,000 h	>60,000 h
123.5004	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