

REWARDING BRIGHTNESS

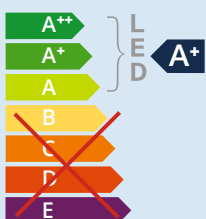


Downlights

Linea DS-A 195 MLM

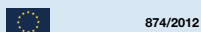
Specifications

Colour(s)	Matt white RAL9016 (XX=MW) / Matt black RAL 9005 (XX=BL)
Beam angle (FWHM)	18° / 37° / 60°
UGR (4H8H 70/50/20)	<19 (18° + 37°)
Fixture material	Die cast aluminium
Environment	Indoor
IK rate	IK03
Operating temperature (Ta)	-20°C / +45°C
Safety marks	EN60598 / EN62031 / EN 62471
EMC compliance	EN55015
Colour consistency (SDCM)	MacAdam step 3
Warranty	7 Years



This luminaire contains built-in LED lamps

The lamps cannot be changed in the luminaire.



For soft ceiling tiles, we recommend using a wooden plate on the reverse side of the tile.

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Item specifications (part A)

Description	18°		37°		60°		Type	mA	Vf
	Item code	UGR	Item code	UGR	Item code	UGR			
Linea DS-A MLM 3000 Lm 3000K CRI80 No dim	130603XXCA02	17.9	130603XXCB02	17.4	130603XXCC02	20.4	Incl. PSU	800	35,3
Linea DS-A MLM 3000 Lm 3000K CRI80 1-10V & Push	130603XXNA02	17.9	130603XXNB02	17.4	130603XXNC02	20.4	Incl. PSU	800	35,3
Linea DS-A MLM 3000 Lm 3000K CRI80 Dali	130603XXPA02	17.9	130603XXPB02	17.4	130603XXPC02	20.4	Incl. PSU	800	35,3
Linea DS-A MLM 2500 Lm 3000K CRI96 No dim	130603XXCG02	17.3	130603XXCH02	16.8	130603XXCJ02	19.8	Incl. PSU	800	35,3
Linea DS-A MLM 2500 Lm 3000K CRI96 1-10V & Push	130603XXNG02	17.3	130603XXNH02	16.8	130603XXNJ02	19.8	Incl. PSU	800	35,3
Linea DS-A MLM 2500 Lm 3000K CRI96 Dali	130603XXPG02	17.3	130603XXPH02	16.8	130603XXPJ02	19.8	Incl. PSU	800	35,3
Linea DS-A MLM 3400 Lm 4000K CRI80 No dim	130603XXCD02	18.1	130603XXCE02	17.6	130603XXCF02	20.9	Incl. PSU	800	35,3
Linea DS-A MLM 3400 Lm 4000K CRI80 1-10V & Push	130603XXND02	18.1	130603XXNE02	17.6	130603XXNF02	20.9	Incl. PSU	800	35,3
Linea DS-A MLM 3400 Lm 4000K CRI80 Dali	130603XXPD02	18.1	130603XXPE02	17.6	130603XXPF02	20.9	Incl. PSU	800	35,3

Item specifications (part B)

Description	W	Lm	Lm/W	CRI (typ.)	Pf	Ripple	Inrush current	B-16A Fuse	Safety class	Energy class
Linea DS-A MLM 3000 Lm 3000K CRI80 No dim	27,9	3000	108	82	0.95	<3%	5A 50µS	50 pcs	II	A+
Linea DS-A MLM 3000 Lm 3000K CRI80 1-10V & Push	27,9	3000	108	82	0.95	<3%	5A 50µS	50 pcs	II	A+
Linea DS-A MLM 3000 Lm 3000K CRI80 Dali	27,9	3000	108	82	0.95	<3%	5A 50µS	50 pcs	II	A+
Linea DS-A MLM 2500 Lm 3000K CRI96 No dim	27,9	2500	90	96	0.95	<3%	5A 50µS	50 pcs	II	A+
Linea DS-A MLM 2500 Lm 3000K CRI96 1-10V & Push	27,9	2500	90	96	0.95	<3%	5A 50µS	50 pcs	II	A+
Linea DS-A MLM 2500 Lm 3000K CRI96 Dali	27,9	2500	90	96	0.95	<3%	5A 50µS	50 pcs	II	A+
Linea DS-A MLM 3400 Lm 4000K CRI80 No dim	27,9	3400	122	82	0.95	<3%	5A 50µS	50 pcs	II	A+
Linea DS-A MLM 3400 Lm 4000K CRI80 1-10V & Push	27,9	3400	122	82	0.95	<3%	5A 50µS	50 pcs	II	A+
Linea DS-A MLM 3400 Lm 4000K CRI80 Dali	27,9	3400	122	82	0.95	<3%	5A 50µS	50 pcs	II	A+

Item specifications (part C)

Description	Weight	Dimensions single carton	Quantity per carton	Expected lifespan (25°C)		
				L70B50	L80B50	L90B50
Linea DS-A MLM 3000 Lm 3000K CRI80 No dim	2094 gr	210x210x140 mm	6 pcs	165.000 hrs	105.000 hrs	51.000 hrs
Linea DS-A MLM 3000 Lm 3000K CRI80 1-10V & Push	2094 gr	210x210x140 mm	6 pcs	165.000 hrs	105.000 hrs	51.000 hrs
Linea DS-A MLM 3000 Lm 3000K CRI80 Dali	2094 gr	210x210x140 mm	6 pcs	165.000 hrs	105.000 hrs	51.000 hrs
Linea DS-A MLM 2500 Lm 3000K CRI96 No dim	2094 gr	210x210x140 mm	6 pcs	165.000 hrs	105.000 hrs	51.000 hrs
Linea DS-A MLM 2500 Lm 3000K CRI96 1-10V & Push	2094 gr	210x210x140 mm	6 pcs	165.000 hrs	105.000 hrs	51.000 hrs
Linea DS-A MLM 2500 Lm 3000K CRI96 Dali	2094 gr	210x210x140 mm	6 pcs	165.000 hrs	105.000 hrs	51.000 hrs
Linea DS-A MLM 3400 Lm 4000K CRI80 No dim	2094 gr	210x210x140 mm	6 pcs	165.000 hrs	105.000 hrs	51.000 hrs
Linea DS-A MLM 3400 Lm 4000K CRI80 1-10V & Push	2094 gr	210x210x140 mm	6 pcs	165.000 hrs	105.000 hrs	51.000 hrs
Linea DS-A MLM 3400 Lm 4000K CRI80 Dali	2094 gr	210x210x140 mm	6 pcs	165.000 hrs	105.000 hrs	51.000 hrs

All values are measured at 230V (+/- 7%)

Choose your lumen output

	Lamp current	Lamp Wattage	Lumen Output			Lumen / Watt		
			CRI80	CRI96	CRI80	CRI80	CRI96	CRI80
			3000K	3000K	4000K	3000K	3000K	4000K
<i>Special request</i>	350 mA	11,5	1500	1100	1650	130	96	143
<i>Special request</i>	500 mA	15,6	2000	1450	2200	128	93	141
<i>Special request</i>	700 mA	23,5	2700	2150	3150	115	91	134
Standard	800 mA	27,9	3000	2500	3400	108	90	122

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Item specifications (part A)

Description	18°		37°		60°		Type	mA	Vf
	Item code	UGR	Item code	UGR	Item code	UGR			
Linea DS-A MLM 5000 Lm 3000K CRI80 No dim	130603XXCR02	17.7	130603XXCS02	17.8	130603XXCT02	22.2	Incl. PSU	1400	37,5
Linea DS-A MLM 5000 Lm 3000K CRI80 1-10V & Push	130603XXNK02	17.7	130603XXNL02	17.8	130603XXNM02	22.2	Incl. PSU	1400	37,5
Linea DS-A MLM 5000 Lm 3000K CRI80 Dali	130603XXPK02	17.7	130603XXPL02	17.8	130603XXPM02	22.2	Incl. PSU	1400	37,5
Linea DS-A MLM 3750 Lm 3000K CRI96 No dim	130603XXFD02	15.7	130603XXFE02	16.8	130603XXFF02	21.2	Incl. PSU	1400	37,5
Linea DS-A MLM 3750 Lm 3000K CRI96 1-10V & Push	130603XXNR02	15.7	130603XXNS02	16.8	130603XXNT02	21.2	Incl. PSU	1400	37,5
Linea DS-A MLM 3750 Lm 3000K CRI96 Dali	130603XXPR02	15.7	130603XXPS02	16.8	130603XXPT02	21.2	Incl. PSU	1400	37,5
Linea DS-A MLM 5700 Lm 4000K CRI80 No dim	130603XXCU02	17.2	130603XXCV02	18.2	130603XXCW02	22.6	Incl. PSU	1400	37,5
Linea DS-A MLM 5700 Lm 4000K CRI80 1-10V & Push	130603XXNN02	17.2	130603XXNP02	18.2	130603XXNQ02	22.6	Incl. PSU	1400	37,5
Linea DS-A MLM 5700 Lm 4000K CRI80 Dali	130603XXPN02	17.2	130603XXPP02	18.2	130603XXPQ02	22.6	Incl. PSU	1400	37,5

Item specifications (part B)

Description	W	Lm	Lm/W	CRI (typ.)	Pf	Ripple	Inrush current	B-16A Fuse	Safety class	Energy class
Linea DS-A MLM 5000 Lm 3000K CRI80 No dim	49,8	5000	100	82	0.98	<3%	10A 200µS	30 pcs	I	A+
Linea DS-A MLM 5000 Lm 3000K CRI80 1-10V & Push	49,8	5000	100	82	0.98	<3%	10A 200µS	30 pcs	I	A+
Linea DS-A MLM 5000 Lm 3000K CRI80 Dali	49,8	5000	100	82	0.98	<3%	10A 200µS	30 pcs	I	A+
Linea DS-A MLM 3750 Lm 3000K CRI96 No dim	49,8	3750	75	96	0.98	<3%	10A 200µS	30 pcs	I	A+
Linea DS-A MLM 3750 Lm 3000K CRI96 1-10V & Push	49,8	3750	75	96	0.98	<3%	10A 200µS	30 pcs	I	A+
Linea DS-A MLM 3750 Lm 3000K CRI96 Dali	49,8	3750	75	96	0.98	<3%	10A 200µS	30 pcs	I	A+
Linea DS-A MLM 5700 Lm 4000K CRI80 No dim	49,8	5700	114	82	0.98	<3%	10A 200µS	30 pcs	I	A+
Linea DS-A MLM 5700 Lm 4000K CRI80 1-10V & Push	49,8	5700	114	82	0.98	<3%	10A 200µS	30 pcs	I	A+
Linea DS-A MLM 5700 Lm 4000K CRI80 Dali	49,8	5700	114	82	0.98	<3%	10A 200µS	30 pcs	I	A+

Item specifications (part C)

Description	Weight	Dimensions single carton	Quantity per carton	Expected lifespan (25°C)		
				L70B50	L80B50	L90B50
Linea DS-A MLM 5000 Lm 3000K CRI80 No dim	2094 gr	210x210x140 mm	6 pcs	165.000 hrs	105.000 hrs	51.000 hrs
Linea DS-A MLM 5000 Lm 3000K CRI80 1-10V & Push	2094 gr	210x210x140 mm	6 pcs	165.000 hrs	105.000 hrs	51.000 hrs
Linea DS-A MLM 5000 Lm 3000K CRI80 Dali	2094 gr	210x210x140 mm	6 pcs	165.000 hrs	105.000 hrs	51.000 hrs
Linea DS-A MLM 3750 Lm 3000K CRI96 No dim	2094 gr	210x210x140 mm	6 pcs	165.000 hrs	105.000 hrs	51.000 hrs
Linea DS-A MLM 3750 Lm 3000K CRI96 1-10V & Push	2094 gr	210x210x140 mm	6 pcs	165.000 hrs	105.000 hrs	51.000 hrs
Linea DS-A MLM 3750 Lm 3000K CRI96 Dali	2094 gr	210x210x140 mm	6 pcs	165.000 hrs	105.000 hrs	51.000 hrs
Linea DS-A MLM 5700 Lm 4000K CRI80 No dim	2094 gr	210x210x140 mm	6 pcs	165.000 hrs	105.000 hrs	51.000 hrs
Linea DS-A MLM 5700 Lm 4000K CRI80 1-10V & Push	2094 gr	210x210x140 mm	6 pcs	165.000 hrs	105.000 hrs	51.000 hrs
Linea DS-A MLM 5700 Lm 4000K CRI80 Dali	2094 gr	210x210x140 mm	6 pcs	165.000 hrs	105.000 hrs	51.000 hrs

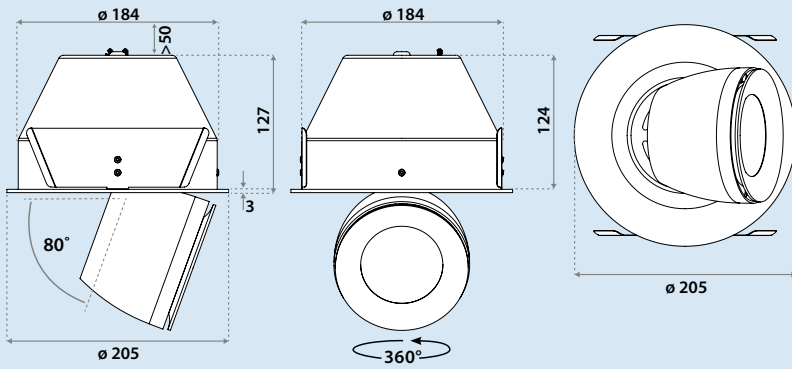
All values are measured at 230V (+/- 7%)

Choose your lumen output

	Lamp current	Lamp Wattage	Lumen Output			Lumen / Watt		
			CRI80	CRI96	CRI80	CRI80	CRI96	CRI80
			3000K	3000K	4000K	3000K	3000K	4000K
<i>Special request</i>	900 mA	30,9	3400	2600	3850	110	84	125
<i>Special request</i>	1050 mA	36,3	3750	2900	4400	103	80	121
<i>Special request</i>	1200 mA	42,2	4250	3250	5000	101	77	118
Standard	1400 mA	49,8	5000	3750	5700	100	75	114

REWARDING BRIGHTNESS

Dimensions



Extra LED options

LEDs from the LUXEON Stylist Series
Specially developed for shops specialised in fashion or fresh food, and for restaurants. Ask our sales department about the possibilities.



2700-6500K
Ask our sales department about the possibilities.