

L3MBA

SPECIFICATION GRADE LED RECESSED BASKET (WITH METRIC OPTION)

500 mm X 1 500 mm, 20" X 60"

Specification grade low profile construction LED recessed luminaire is ideal for shallow plenum spaces. The fixture is perfectly suited for use in modular or metric ceiling systems as well as Air-handling applications. Our L3MBA provides uniform ambient lighting for all commercial and institutional applications with recessed configurations. Ideal for a variety of lighting applications such as offices, schools, hospitals, etc.

FEATURES AND SPECIFICATIONS

• Construction

Housing & finishing

One piece faceplate without any welds. Air handling option. Standard white enamel paint. Powder coat finish.

Air functions

Choice of static or air handling to handle the supply and return air in air-conditioned or ventilated spaces.

Mounting

Recessed inverted T-Bar ceilings.

Lens

Opal linear lens diffuser.

Link

This unit can be used as an emergency backup unit powered from a stand-alone battery unit. Please view the LINK brochure for more details on this technology.

• Electrical

120-277 V or 347 V electronic driver with 0-10 V dimming is standard. Long-life LEDs that provide 80+ CRI are available in 3 000 K, 3 500 K, 4 000 K and 5 000 K

• Compliances

- Meets requirements of ICES-005
- UL1598
- CSA C22.2 No. 250.0
- CSA Certified to C22.2#141-15 (When used with DL and EL options)



OVERVIEW

Light source	LED
Watts (W)	35 - 67
Lumen output (lm)	4 121 - 8 157
Efficacy (lm/W)	111 - 135
Color temperature (K)	3 000, 3 500, 4 000, 5 000
CRI	80 +



* 5 year warranty for the LINK module.

ORDERING GUIDE (METRIC)

Series	Size (mm)	Lamp type	Lumen package ¹ (lm)	Volts (V)	Color temp. (K)	Options
L3MBA	3M0 - Static 500 x 1 500 (495.30 x 1 492.25) 3MA - Air Handling 500 x 1 500 (495.30 x 1 492.25)	L - LED	S1 S2 S3 S4	A - 120 H - 347 W - 120-277	30K - 3 000 35K - 3 500 40K - 4 000 50K - 5 000	DIM2 - Line voltage dimming, driver 120 V DALI - Digital addressable lighting interface driver EL² - LINK Emergency Power conversion module DL - Emergency backup (120 V & 120-277 V only)

¹Please consult the technical specification table files for details.

²Not available for the S4 version.

ORDERING GUIDE (IMPERIAL)

Series	Size (inch)	Lamp type	Lumen package ¹ (lm)	Volts (V)	Color temp. (K)	Options
L3MBA	4M0 - Static 20" x 60" (19.878 x 59.750) 4MA - Air Handling 20" x 60" (19.878 x 59.750)	L - LED	S1 S2 S3 S4	A - 120 H - 347 W - 120-277	30K - 3 000 35K - 3 500 40K - 4 000 50K - 5 000	DIM2 - Line voltage dimming, driver 120 V DALI - Digital addressable lighting interface driver EL² - LINK Emergency Power conversion module DL - Emergency backup (120 V & 120-277 V only)

¹Please consult the technical specification table files for details.

²Not available for the S4 version.

LINK TECHNICAL SPECIFICATION TABLE

Lumen Package	LINK watts (W) ¹	3 000 K	3 500 K	4 000 K	5 000K
		LINK lumen output (lm) ²	LINK lumen output (lm) ²	LINK lumen output (lm) ²	LINK lumen output (lm) ²
S1	11	810	830	863	890
S2		800	820	853	880
S3		845	865	900	928

¹Maximum wattage per LINK unit 11 W

²Lumens based on calculated values. Specifications are subject to change at any time without notice.

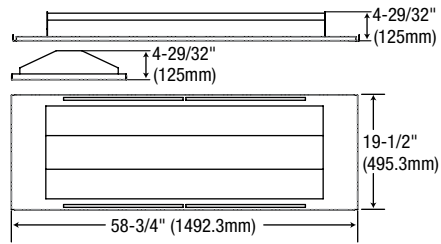
TECHNICAL SPECIFICATION TABLE

Lumen package	Watts (W)	Volts (V)	3 000 K		3 500 K		4 000 K		5 000 K		CRI	Life L70 (hrs)	Tested hours LM-80 (hrs)
			Lumen (lm)	Efficacy (lm/W)	Lumen (lm)	Efficacy (lm/W)	Lumen (lm)	Efficacy (lm/W)	Lumen (lm)	Efficacy (lm/W)			
S1	35	120-277 347	4 121	118	4 224	121	4 393	126	4 531	129	80+	201 000	10 000
S2	42		4 801	114	4 920	117	5 117	122	5 280	126	80+	201 000	10 000
S3	47		5 752	122	5 892	125	6 128	130	6 322	135	80+	201 000	10 000
S4	67		7 408	111	7 602	113	7 907	118	8 157	122	80+	201 000	10 000

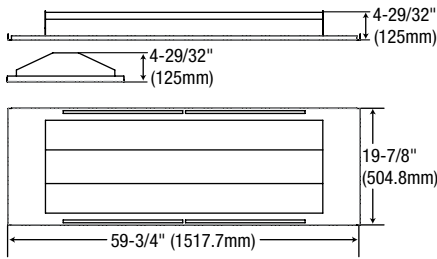
Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.

DIMENSIONS

500mm X 1 500mm (metric)



20" X 60" (imperial)

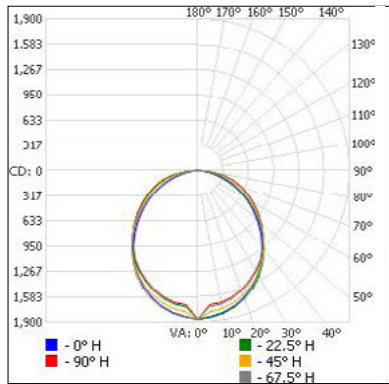


Note: Line drawings reference air handling slotted luminaire, static luminaire outer dimensions are identical.

PHOTOMETRIC DATA¹

L3MBA-4M0-LS2-(H/W)-40K • 5 111.0 lm

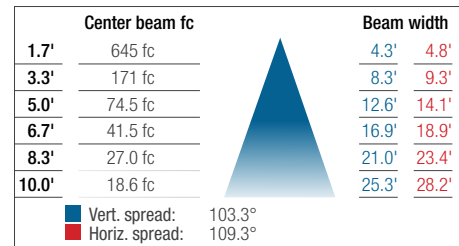
Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1 379.2	27%
0-40	2 247.4	44%
0-60	3 927.3	76.8%
60-90	1 182.5	23.1%
70-100	559.4	10.9%
90-120	1.1	0%
0-90	5 109.9	100%
90-180	1.1	0%
0-180	5 111.0	100%

Illuminance at a distance



¹ Complete IES files available on our website.

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