

OBI Light Bar



FEATURES

- Durable aluminum housing with polyacrylate lens
- Black, White, and Aluminum finishes
- Narrow, Medium, and Wide lighting distributions
- Several mounting options to fit any application
- Serial Connection option to daisy-chain multiple light bars
- 0-10V Dimmable standard
- IP69K and IK09 rated
- NSF Certified Option for Food Processing Applications
- Field tested to 3000 PSI

APPLICATIONS

- Food Processing
- Classroom
- Signage
- Parking Garage
- Tunnel



CONSTRUCTION

The body of the Obi Light Bar is made of just a few extruded aluminum and polycarbonate pieces, making it both a rugged and resilient luminaire as well as one with an architectural aesthetic. The NSF-rated version of the Obi Light Bar has no channels or areas where water can collect, thereby eliminating the potential for algae or mold growth.

WARRANTY

- Limited Ten (10) Year Warranty standard

For more information regarding the limited ten (10) year warranty please contact the factory at (844) 202-5606 or email Customer Service at LEDCustService@dascom.com.

ORDERING GUIDE

SERIES	WATTAGE and LENGTH		BEAM ANGLE¹		LENS		CRI		CCT		FINISH		VOLTAGE	
LB-4	030S*	30W / 2 FOOT	N*	30 DEGREE	C*	CLEAR	8	≥80	30*	3000K	BLK	BLACK	U*	100-277V
	030M*	30W / 4 FOOT	M*	60 DEGREE	F*	FROSTED			40*	4000K	WHT	WHITE	L	12-24V
	060M*	60W / 4 FOOT	WW*	120 DEGREE					50*	5000K	ALM*	ALUMINUM		
	90L	90W / 6 FOOT												
	120XL	120W / 8 FOOT												

SERIAL CONNECT ²	MOUNTING BRACKETS
NS* NONE	CCM SINGLE UNIT, Ceiling Mount for Channel Model
SS SERIAL CONNECT	CACM SINGLE UNIT, Adjustable Ceiling Mount for Channel Model
	NSFM* SINGLE UNIT, Ceiling Mount for Smooth Model
	M2 MULTIPLE UNITS, (2) Light Bars
	M3 MULTIPLE UNITS, (3) Light Bars
	M5 MULTIPLE UNITS, (5) Light Bars
	WAM 1FT WALL ARM MOUNT

¹ "N" and "M" option only available for clear lens model.

² Please see table below for limitations on number of light bars per run.

* Asterisk indicates option is available for NSF rated build. Any option not marked with an asterisk CANNOT be NSF rated.

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SPECIFICATIONS

LED SPECIFICATION				3000K		4000K		5000K		WEIGHT (lbs.)	CERTIFICATION
MODEL	WATTS	OPTIC	LENS	LUMENS	EFFICACY	LUMENS	EFFICACY	LUMENS	EFFICACY		
LB-4030	29	N	C	3,160	109 lm/W	3,227	111 lm/W	3,362	116 lm/W	2.25 / 3.75	DLC, ETL
	29	M	C	3,084	106 lm/W	3,150	109 lm/W	3,281	113 lm/W	2.25 / 3.75	DLC, ETL
	28	WW	C	4,384	157 lm/W	4,477	160 lm/W	4,664	167 lm/W	2.25 / 3.75	DLC, ETL
	28	WW	F	3,973	142 lm/W	4,058	145 lm/W	4,227	151 lm/W	2.25 / 3.75	DLC, ETL
LB-4060	59	N	C	6,123	104 lm/W	6,253	106 lm/W	6,514	110 lm/W	3.75	DLC, ETL
	59	M	C	5,852	99 lm/W	5,976	101 lm/W	6,225	106 lm/W	3.75	DLC, ETL
	57	WW	C	8,650	152 lm/W	8,834	155 lm/W	9,202	161 lm/W	3.75	DLC, ETL
	57	WW	F	7,670	135 lm/W	7,833	137 lm/W	8,160	143 lm/W	3.75	DLC, ETL
LB-4090	89	N	C	9,185	103 lm/W	9,380	105 lm/W	9,771	110 lm/W	5.25	DLC, ETL
	89	M	C	8,778	99 lm/W	8,964	101 lm/W	9,338	105 lm/W	5.25	DLC, ETL
	87	WW	C	12,975	149 lm/W	13,251	152 lm/W	13,803	159 lm/W	5.25	DLC, ETL
	87	WW	F	11,505	132 lm/W	11,750	135 lm/W	12,240	141 lm/W	5.25	DLC, ETL
LB-4120	119	N	C	12,246	103 lm/W	12,506	105 lm/W	13,028	109 lm/W	6.75	DLC, ETL
	119	M	C	11,704	98 lm/W	11,952	100 lm/W	12,450	105 lm/W	6.75	DLC, ETL
	117	WW	C	17,300	148 lm/W	17,668	151 lm/W	18,404	157 lm/W	6.75	DLC, ETL
	117	WW	F	15,340	131 lm/W	15,666	134 lm/W	16,320	139 lm/W	6.75	DLC, ETL

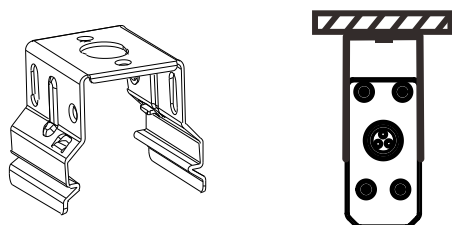
SPECIFICATION		VALUE
PERFORMANCE	Power Consumption (W)	29 - 117
	Lumens Delivered (lm)	3,160 - 16,320
	Efficacy (lm/W)	98 - 167
	CRI	≥80
	Color Temperature (K)	3000 / 4000 / 5000
	L70 Lumen Maintenance (hr)	50,000
ELECTRICAL	Power Factor	> 0.9
	Input Voltage	100-277V / 12-24V ~ 50/60 Hz
	Dimming	0-10V Dimmable
	THD	< 0.2
	Motion Sensor	External Motion Sensor optional
OPTICS	Beam Angle (°)	30 / 60 / 120
	Glare Shield	6" shade optional
INSTALLATION	Mounting Options	Surface / Pendant / Adjustable
	Quantity Mounted	1 to 5 bars
	Tilt	-10° to +50° based on mounting bracket
CERTIFICATION	Certifications	DLC, UL, CE, NSF
	IP	69K
	IK	09
	Environment	Outdoor / Indoor / Wet / Natatorium / Food Processing
	Ambient Operating Temperature	-35°C ~ +65°C / -30°F ~ +149°F
	Warranty	Limited (10) Year

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MOUNTING BRACKETS

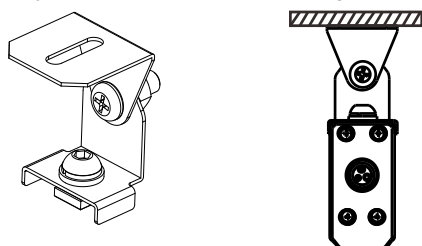
CCM - SINGLE UNIT, Ceiling Mount for Channel Model

Static Bracket Pair for Single Unit Mount.



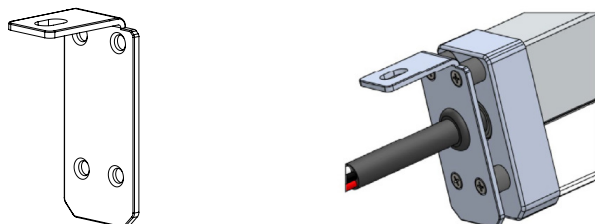
CACM - SINGLE UNIT, Adjustable Mount for Channel Model

Adjustable Bracket Pair for Single Unit Mount.



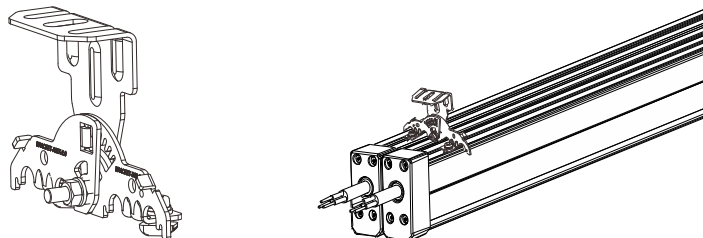
NSFM - SINGLE UNIT, Ceiling Mount for Smooth Model

Static Bracket Pair for Single Unit Mount.



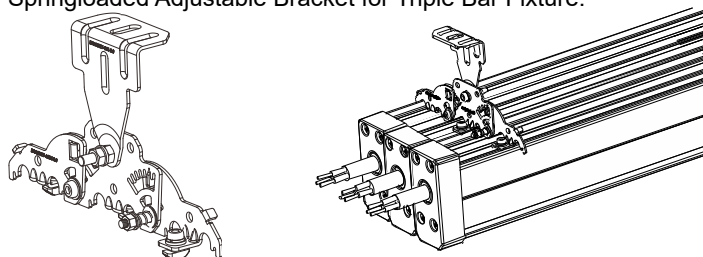
M2 - MULTIPLE UNITS, (2) Light Bars

Springloaded Adjustable Bracket for Double Bar Fixture.



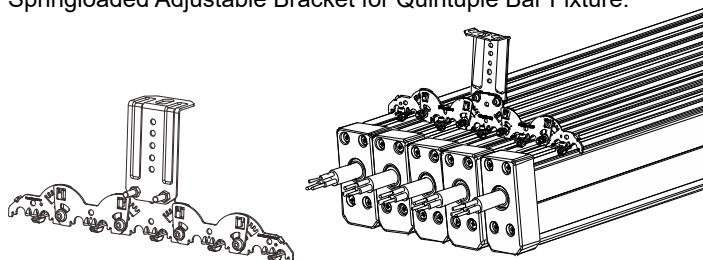
M3 - MULTIPLE UNITS, (3) Light Bars

Springloaded Adjustable Bracket for Triple Bar Fixture.



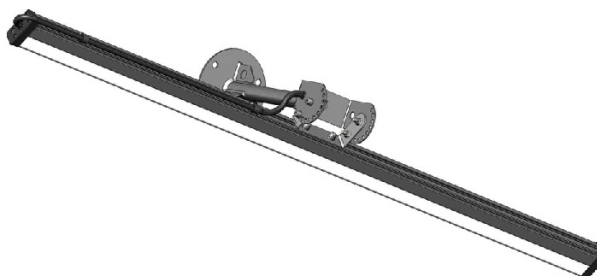
M5 - MULTIPLE UNITS, (5) Light Bars

Springloaded Adjustable Bracket for Quintuple Bar Fixture.



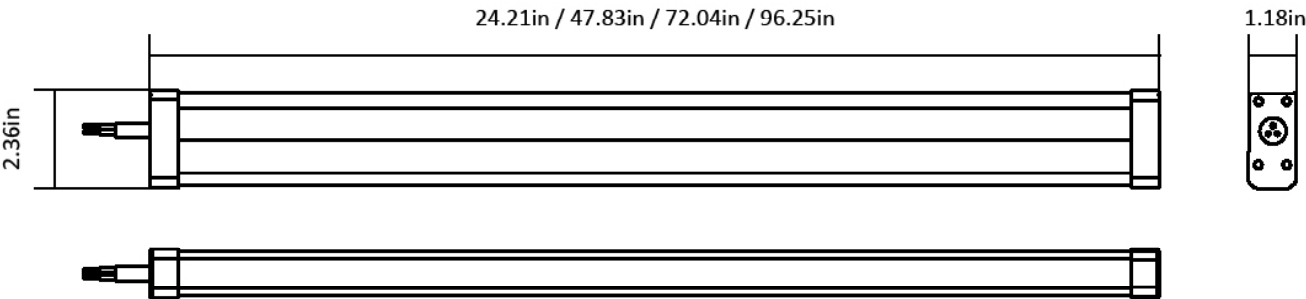
WAM - 1FT WALL ARM MOUNTING BRACKET

Rotatable arm mounts directly to walls.



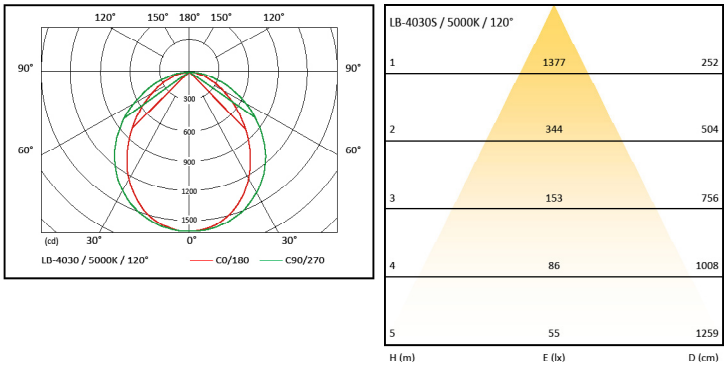
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DIMENSIONAL DRAWINGS

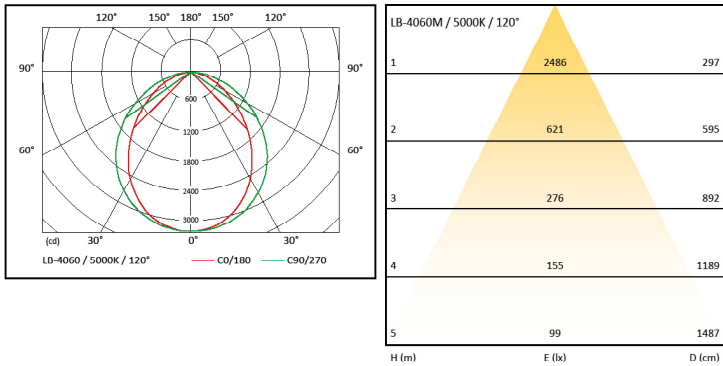


PHOTOMETRICS

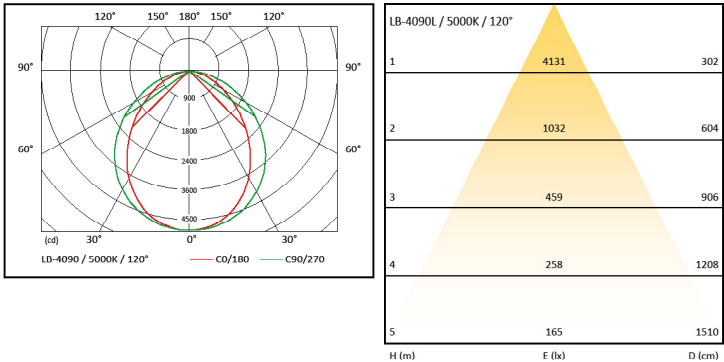
LB-4030



LB-4060



LB-4090



LB-4120

