

MATRIX Light Bar



FEATURES

- Durable aluminum housing with polyacrylate lens
- Black and White finishes
- Wide lighting distribution
- Several mounting options to fit any application
- IP54 rated
- LB-1044B2 model DLC Listed
- 5 Year Warranty

APPLICATIONS

- Office Space
- Classroom
- Work Space
- Storage

CONSTRUCTION

The body of the Matrix Light Bar has an extruded aluminum body with a polyacrylate lens. The form factor simplicity makes it both a versatile and aesthetically appealing luminaire – one that can work individually or paired together with other units. All hardware is included for easy installation.

WARRANTY

- Limited Five (5) Year Warranty standard

For more information regarding the limited five (5) year warranty please contact the factory at (844) 202-5606 or email Customer Service at LEDCustService@dascom.com.



ORDERING GUIDE

SERIES	WATTAGE	LENGTH ¹	VARIATION ²	BEAM ANGLE	CRI	CCT ³	FINISH	VOLTAGE	MOUNTING BRACKETS
LB-1	010 10W	A 2 FOOT	- STANDARD	W 93 DEGREE	8 ≥80	30 3000K	BLK BLACK WHT WHITE	U 100-277V	A-A SINGLE UNIT, Pendant or Surface Mount
	018 18W	B 4 FOOT	2 DLC MODEL			40 4000K			A-K SINGLE UNIT, Adjustable Surface Mount
	022 22W					50 5000K			A-J SINGLE UNIT, Pendant or Surface Mount
	044 44W					60 6000K			A-B MULTIPLE UNITS, (2) Light Bars
								A-C MULTIPLE UNITS, (3) Light Bars	
									A-D MULTIPLE UNITS, (5) Light Bars

¹ "A" option only available for 10W and 18W models. "B" option only available for 18W, 22W, and 44W models.

² "2" option only available for 44W model.

³ "50" option only available for 44W DLC model.

MATRIX Light Bar

SPECIFICATIONS

LED SPECIFICATION			3000K		4000K		6000K		WEIGHT (lbs.)	CERTIFICATION
MODEL	WATTS	OPTIC	LUMENS	EFFICACY	LUMENS	EFFICACY	LUMENS	EFFICACY		
LB-1010A	9	W	959	107 lm/W	979	109 lm/W	1,020	113 lm/W	2.65	ETL, CE
LB-1018A	17	W	1,624	96 lm/W	1,659	98 lm/W	1,728	102 lm/W	2.65	ETL, CE
LB-1018B	17	W	1,794	106 lm/W	1,832	108 lm/W	1,908	112 lm/W	4.41	ETL, CE
LB-1022B	21	W	2,089	99 lm/W	2,133	102 lm/W	2,222	106 lm/W	4.41	ETL, CE
LB-1044B	41	W	4,177	102 lm/W	4,266	104 lm/W	4,444	108 lm/W	4.41	ETL, CE

LED SPECIFICATION			5000K				WEIGHT (lbs.)	CERTIFICATION
MODEL	WATTS	OPTIC	LUMENS		EFFICACY			
LB-1044B2	41	W	5,852		143 lm/W		4.41	DLC, ETL, CE

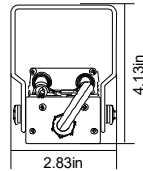
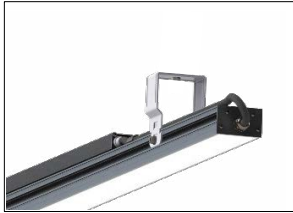
SPECIFICATION		VALUE
PERFORMANCE	Power Consumption (W)	9 / 17 / 21 / 44
	Lumens Delivered (lm)	959 - 5,852
	Efficacy (lm/W)	96 - 143
	CRI	≥80
	Color Temperature (K)	3000 / 4000 / 5000 / 6000
	L70 Lumen Maintenance (hr)	50,000
ELECTRICAL	Power Factor	> 0.9
	Input Voltage	100-277V ~ 50/60 Hz
	Dimming	Non-dimmable
	THD	< 0.2
	Motion Sensor	External Motion Sensor optional
OPTICS	Beam Angle (°)	93
	Glare Shield	No
INSTALLATION	Mounting Options	Surface / Pendant / Adjustable
	Quantity Mounted	1 to 5 bars
	Tilt	-10° to +50° based on mounting bracket
CERTIFICATION	Certifications	DLC / ETL / CE
	IP	54
	Environment	Indoor
	Ambient Operating Temperature	-25°C ~ +45°C / -13°F ~ +113°F
	Warranty	Limited (5) Year

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MOUNTING OPTIONS and ACCESSORIES

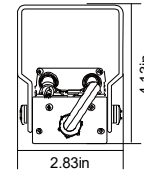
A-A - SINGLE UNIT, Pendant or Surface Mount

Static Bracket Pair for Single Unit Mount.



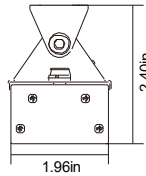
A-B - MULTIPLE UNITS, (2) Light Bars

Springloaded Adjustable Bracket for Double Bar Fixture.



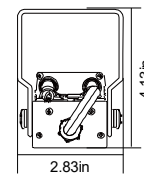
A-K - SINGLE UNIT, Adjustable Surface Mount

Adjustable Bracket Pair for Single Unit Mount. Can be rotated +180°.



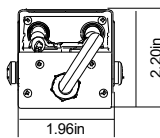
A-C - MULTIPLE UNITS, (3) Light Bars

Springloaded Adjustable Bracket for Triple Bar Fixture.



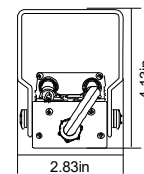
A-J - SINGLE UNIT, Surface Mount

Static Bracket Pair for Single Unit Mount.



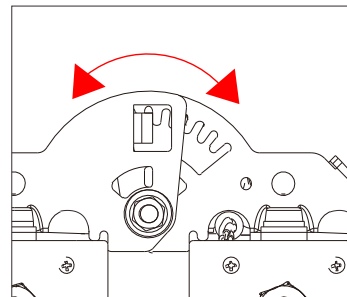
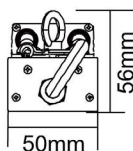
A-D - MULTIPLE UNITS, (5) Light Bars

Springloaded Adjustable Bracket for Quintuple Bar Fixture.



A-E - SINGLE UNIT, Pendant Mount

Pendant Mount Bracket Loop for Single Unit Mount.

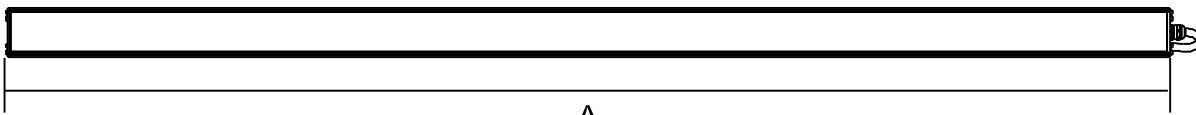


Note:
Downward maximum adjustable 10°
Upward maximum adjustable 50°

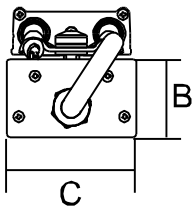
MATRIX Light Bar

DIMENSIONAL DRAWINGS

LB-1010A / LB-1018A



A

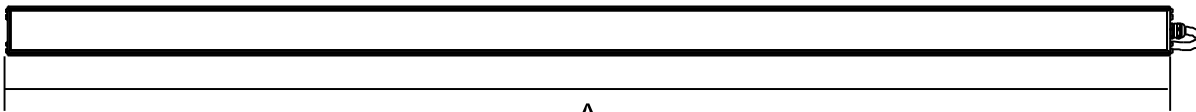


A: 23.62in

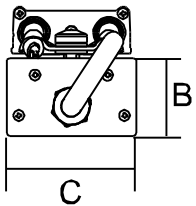
B: 1.18in

C: 1.96in

LB-1018B / LB-1022B / LB-1044B / LB-1044B2



A



A: 47.24in

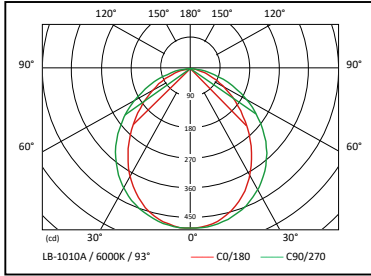
B: 1.18in

C: 1.96in

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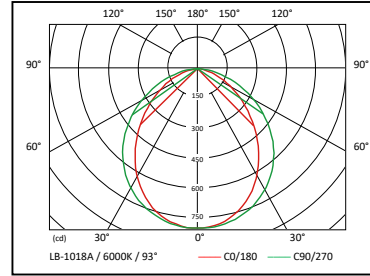
PHOTOMETRICS

LB-1010A



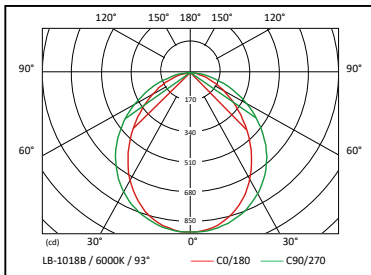
LB-1010A / 6000K / 93°		
1	404	201
2	101	403
3	45	604
4	25	805
5	16	1007
H (m)	E (lx)	D (cm)

LB-1018A



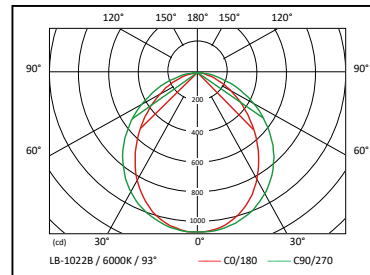
LB-1018A / 6000K / 93°		
1	724	204
2	181	408
3	80	612
4	45	816
5	29	1020
H (m)	E (lx)	D (cm)

LB-1018B



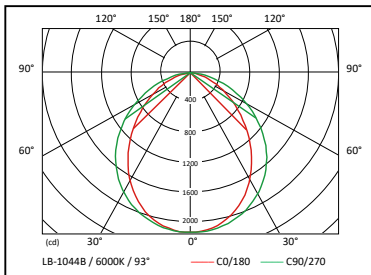
LB-1018B / 6000K / 93°		
1	747	203
2	187	406
3	83	610
4	47	813
5	30	1016
H (m)	E (lx)	D (cm)

LB-1022B



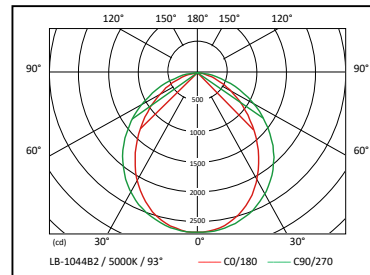
LB-1022B / 6000K / 93°		
1	846	201
2	212	403
3	94	604
4	53	806
5	34	1007
H (m)	E (lx)	D (cm)

LB-1044B



LB-1044B / 6000K / 93°		
1	1687	204
2	422	407
3	187	611
4	105	815
5	67	1018
H (m)	E (lx)	D (cm)

LB-1044B2



LB-1044B2 / 5000K / 93°		
1	2268	210
2	597	421
3	252	631
4	142	841
5	91	1052
H (m)	E (lx)	D (cm)