KURTZON
SPECIFICATION GRADE LIGHTING
ILLUMINATING YOUR WORLD

PROJECT

DATE   TYPE

NOTES

REV: REV: 01/28/2025

Food Processing **Narrow Light Bar: FP-NLB**

2ft, 4ft, 8ft Surface or Suspended Linear Light Bar

- **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**

NSF | cETL LISTED US Intertek | 5 YEAR WARRANTY | IP69K | IK09 | NATATORIUM

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ORDERING GUIDE

Series	Size	CCT/CRI	Voltage	Optics	Finish	Mounting Brackets	Options
FP-NLB			**UNV**				

Series	Size		CCT/CRI	Voltage	Optics		Finish		Mounting Brackets		Options	
FP-NLB	**20-LEDR**	Nom. 2FT Length	**80 CRI:**	**UNV** 120-277 VAC	CPNB	Clear Polycarb. 30° Beam Angle	**WHT**	White Powdercoat	**SCM**	Surface Channel Mount	**3WC06**	6FT 3Wire Cord
	40-LEDR	Nom. 4FT Length	**830** 3000K		CPMB	Clear Polycarb. 60° Beam Angle	**BLK**	Black Powdercoat	**AMB**	Adjustable Mount	**5WC06**	6FT 5Wire Cord (Standard)
	40-LEDH	Nom. 4FT Length	**840** 4000K		CPWB	Clear Polycarb. 120° Beam Angle	**ALM**	Raw Aluminum	**SSM**	Surface Smooth Mount	**3WCXX**	XXFT 3Wire Cord (Replace XX w/ Length in FT)
	60-LEDH	Nom. 6FT Length	**850** 5000K		FPWB	Frost Polycarb. 120° Beam Angle					**5WCXX**	XXFT 5Wire Cord (Replace XX w/ Length in FT)
	80-LEDH	Nom. 8FT Length									**DCM**	Daisy Chain Mount (via paired cordsets)*
												*Length and quantity must be specified at time of the order
												Optional Accessories Ordered Separately
											2XB	2 Light Bar Bracket (Side By Side)
											3XB	3 Light Bar Bracket (Side By Side)
											5XB	5 Light Bar Bracket (Side By Side)
												Brackets provided loose - quantity must be specified at time of the order
												☐ Not NSF Certified
												*Must specify luminaire quantity in each row

Ordering Notes, If Applicable

Food Processing **Narrow Light Bar: FP-NLB**

2ft,4ft, 8ft Surface or Suspended Linear Light Bar

SPECIFICATIONS

CONSTRUCTION: The body of the Narrow 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 Narrow Light Bar has no channels or areas where water can collect, thereby eliminating the potential for algae or mold growth.
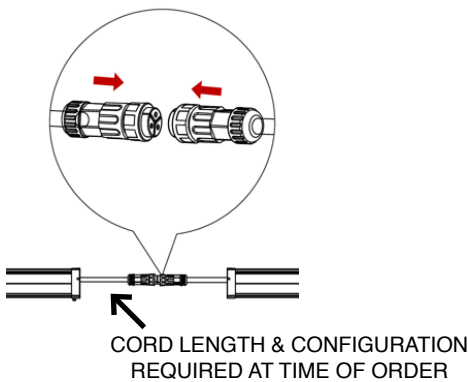
OPTICS: An offering of 30°, 60°, or 120° beam angles are available for all Narrow Light Bars to cover all potential application needs. The 30° and 60° options are produced with a clear lens while the 120° option can be clear or frosted.

ELECTRICAL: The Narrow Light Bar comes standard with a high-performance driver that goes from 100-277V, Power Factor >.9 with THD <.2, internal to the fixture. A minimum CRI of 80 is provided in 3000K, 4000K, and 5000K color temperatures. 4kV surge protection and 0-10V dimmable standard. Bars have a 6' power cord with longer lengths available on request.
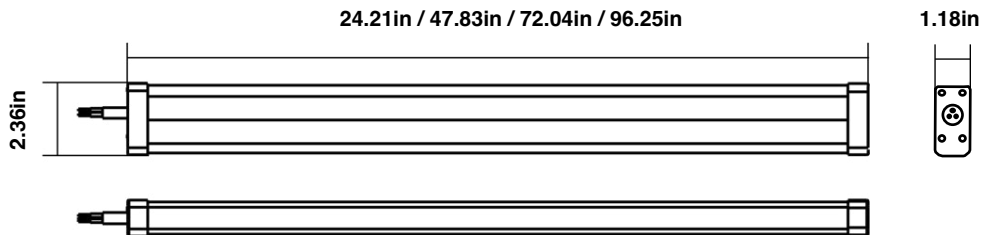
INSTALLATION: Available options include pendant and flush mounting options for individual units. For combined units bracketed together there are additional options for both how they bracket together, as well as mount to fixed structures or pendant. All necessary hardware is included with the brackets.

CERTIFICATIONS & LISTINGS: ETL certified to UL1598. Suitable for Wet Locations and Natatoriums. Certified to NSF/ANSI 2 for Splash and Non-food Zones. IP69K and IK09 Rated.

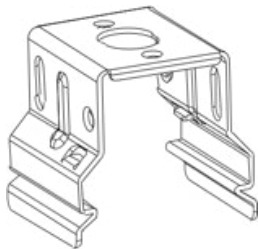## DAISY CHAIN MOUNTING (DCM) DETAIL

CORD LENGTH & CONFIGURATION
REQUIRED AT TIME OF ORDER

PRODUCT DIMENSIONS

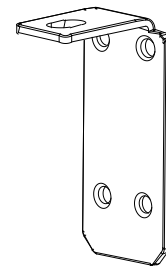24.21in / 47.83in / 72.04in / 96.25in

1.18in

2.36in

MOUNTING OPTIONS

SCM
Surface Channel Mount

AMB
Adjustable Mount

SSM
Surface Smooth Mount (NSF Listed Option)

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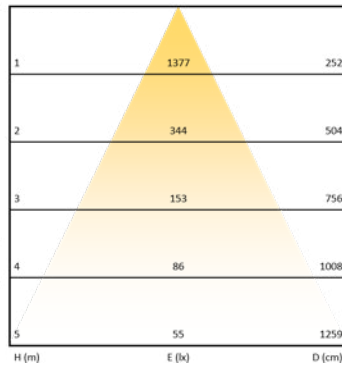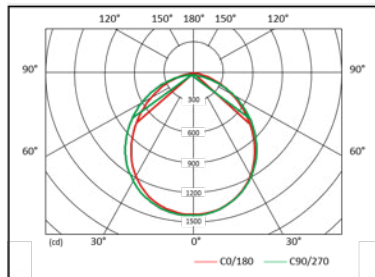## ENERGY DATA

WEIGHT

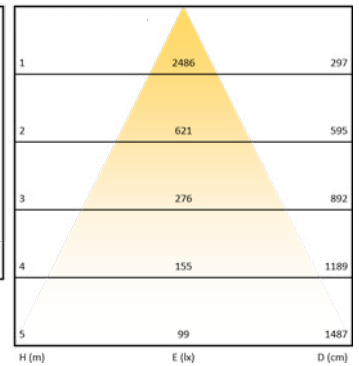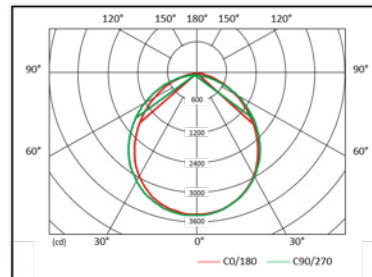| LED SPECIFICATION			3000K		4000K		5000K		WATTS	AMBIENT OPERATING TEMP	
MODEL	OUTPUT	OPTICS	LUMENS	EFFICACY	LUMENS	EFFICACY	LUMENS	EFFICACY		MIN	MAX
FP-NLB-20 FP-NLB-40	LEDR	CPNB	3,160	109 lm/W	3,227	111 lm/W	3,362	116 lm/W	29	-25ºC (-13ºF)	65ºC (149ºF)
		CPMB	3,084	106 lm/W	3,150	109 lm/W	3,281	113 lm/W	29		
		CPWB	4,384	157 lm/W	4,477	160 lm/W	4,664	167 lm/W	28		
		CPWB	3,973	142 lm/W	4,058	145 lm/W	4,227	151 lm/W	28		
FP-NLB-40 FP-NLB-60 FP-NLB-80	LEDH	CPNB	6,123	104 lm/W	6,253	106 lm/W	6,514	110 lm/W	59		
		CPMB	5,852	99 lm/W	5,976	101 lm/W	6,225	106 lm/W	59		
		CPWB	8,650	152 lm/W	8,834	155 lm/W	9,202	161 lm/W	57		
		FPWB	7,670	135 lm/W	7,833	137 lm/W	8,160	143 lm/W	57		

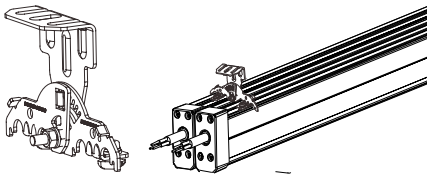| FP-NLB WEIGHT |
|---|
| 20: 2.25lbs 40: 3.75lbs 60: 5.25lbs 80: 6.75lbs |

PHOTOMETRICS

1/LEDR
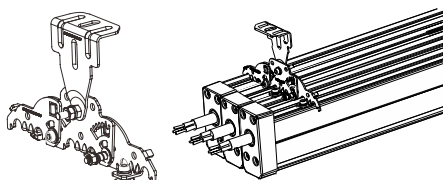

1/LEDH

OPTIONAL ACCESSORIES

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.