LMXLED

CE RoHS

DESCRIPTION

LMX's NSF certificated HY-LINE is our compact linear luminaire designed for the food industry. The durable housing provides IP69K protection along with extreme chemical resistance. Able to withstand water pressure of 100bar, temperatures of 85°c and warehouse freezer temperatures the HY-LINE is fully adaptable. With a multiple choice of beam angles and CRI90 optional the HY-LINE is the perfect choice for your food processing plant.

KEY FEATURES

- Beam angle 60°, 90°, 120° available.
- 1-10v dimming option.
- 600mm, 1200mm sizes available.
- Blue and red wave length options for poultry production and processing
- Lens designed for visuual comfort.
- Designed for heavy hose down applications and daily sanitation
- CRI>90, perfect for inspection areas.

APPLICATIONS

- **Food processing plant**
- **Poultry production**
- **Large catering facilities**
- **Food production**

ELECTRICAL INFORMATION

Model No.	LLF70	LLF120
Power Consumption (±5%)	70W	120W
Power Supply	Inventronics	
Input Voltage	100-240VAC, 50 / 60 Hz	
Power Factor	>0.95	
Surge Protection	6kV line-line,10kV line-earth	
Driver Type	Constant Current (CC)	
Control	0-10V dimmable	

OPTIC INFORMATION

LED Type	LED 2835				
Luminous Flux (±10%)	9450lm	16200lm			
Efficacy (5000K Ra70)	135lm/W				
Correlated Colour Temperature	5000K (3000K, 4000K optional)				
Colour Rendering Index	Ra80				
Beam Angle	133.5°	40X100°	60X90°	70X100°	BIDIR25°	90X100°
UGR level	NA				

DIMENSIONS AND MOUNT

Product Dimension	629x86x114mm	1209x86x114mm
Luminaire Net Weight	2.3±0.3kg	3.5±0.3kg
Export Carton Size	715x250x165mm	1295x250x165mm
Gross Weight	5.4±0.3kg(2pcs/CTN)	8.1±0.3kg(2pcs/CTN)
Mounting Option	Suspension Mounting	
	Ceiling Mounting	
Material	Housing: Aluminium Alloy	
	Optics:polymethyl methacrylate Optical Lens	
Finish	Anodizing	
Fixture Colour	Aluminium colour	
EPA	NA	
IK Rating	IK06	
IP Rating	IP66	

LIFESPAN AND WARRANTY

Operating Temperature	-30°C to + 45°C
Life Time of LED @Ta=25°C	31,000hrs-L90
	64,000hrs-L80
	101,000hrs-L70
Warranty	5 Years

NEW FEATURES

Please consult us for details.

PHOTOMETRY

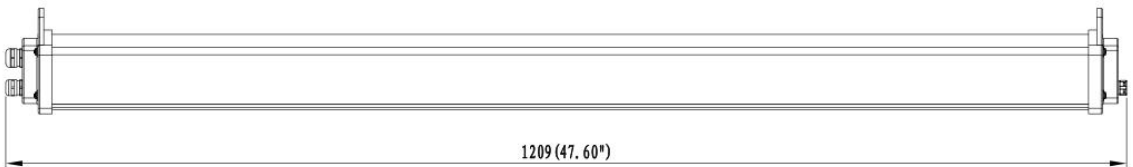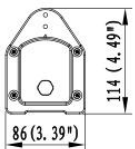| 40*100° | 60*90° | 70*100° | bilateral asymmetric25° | 90*100° | 120° |
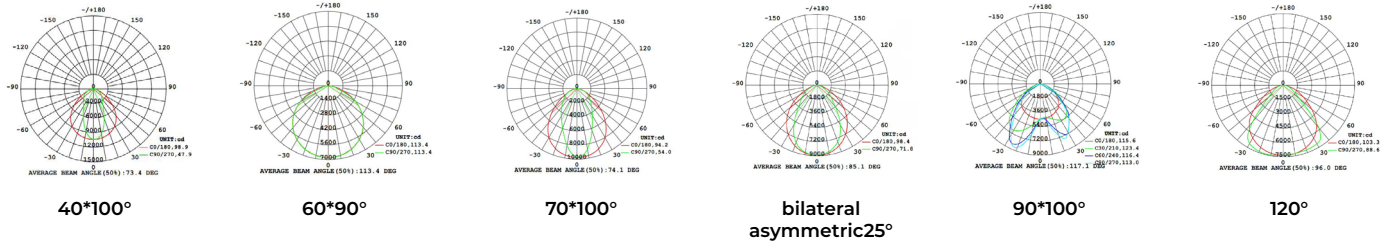
MOUNTING OPTIONS

Suspension mounting

Ceiling mounting

Dimensions

114 (4.49")
86 (3.39")
629 (24.77")

114 (4.49")
86 (3.39")
1209 (47.60")

LMXLED
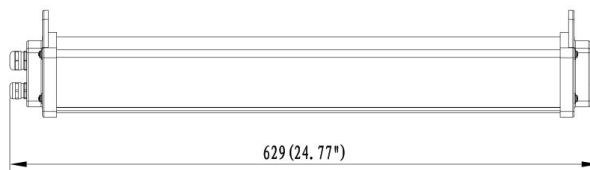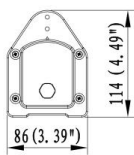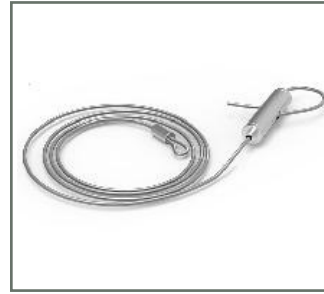
ACCESSORIES

Optic lens

High transmittance PMMA materials, UV test approval.

Code: please refer to Photometry for different beam angle.

Safety rope

304 stainless steel, available for 2m long.

Code: SL-L19-01

Adjustable ceiling mount bracket

SPCC materials with outdoor powder coating.

Code: BC-L19-01

PRODUCT ORDERING CODES (LLF)

SERIES	POWER	CCT (K)	OPTICS	CONTROL	EMERGENCY	MOUNT	ACCESSORY	FINISH
LLF	70w	3	133.5°	D (1-10V DIMMING)		C (ADJUSTABLE CEILING MOUNT)	R (SAFETEY ROPE)	S (SILVER)
			40X100°					
	120W	4	60X90°					
			70X100°					
		5	90X100°					
			BIDIR25					

EXAMPLE: 70w, 5k, 60X90°, Dimming, Ceiling Mount, Rope, Silver
PRODUCT CODE: LLF7056090DCRS
PRODUCT NAME: HY-LINE