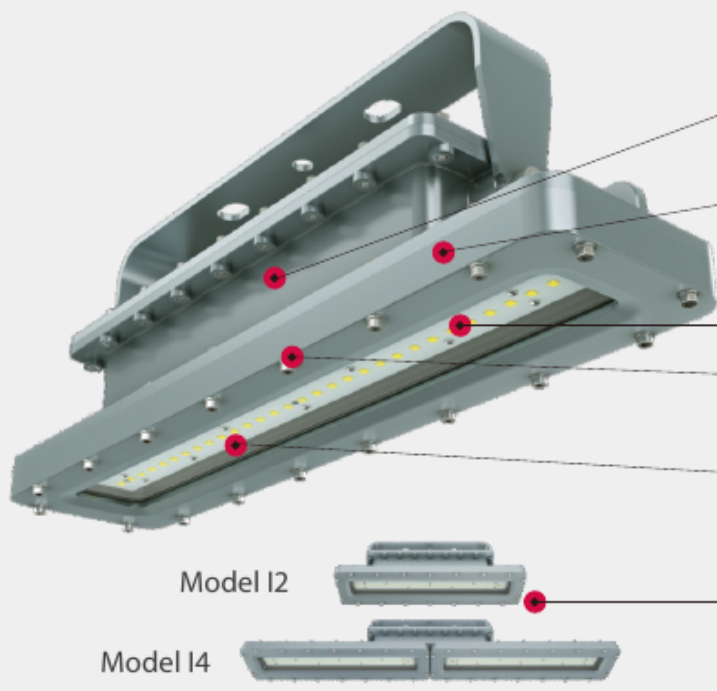


Explosion-Proof Linear LED

EXI I2 / I4 Linear LED

CLASS I, DIVISION 1

Two fixture lengths and eight documented configurations from 20 W to 120 W, with 140 lm/W nominal efficacy and a 120° beam.



Model I2

Model I4

Built tough.

Power supply chamber - Designed to perform in high ambient temperatures up to +40°C and as low as -40°C

Housing - Copper-free aluminum housing for excellent corrosion resistance and heat transfer properties, ensuring maximum longevity

Superior SMT LED, efficacy up to 140 lumens per watt

Hardware - All fasteners with high-quality stainless steel for anti-corrosion

Diffuser - Clear tempered glass for maximum resistance to impact and thermal shock, high visual comfort and uniform lighting distribution

Available in two lengths: 2 feet, 4 feet



Hazardous Locations • Class I Div 1 Groups C, D • Class I Div 2 Groups A-D • Class II Div 1 Groups E, F, G • Class II Div 2 Groups F, G • Class III	Zones and Listings • Class I Zone 1 IIB • Class II Zone 21 IIIC • UL 1598 Wet • UL 1598A Marine Outside • UL 924 emergency	Environmental • IP66 • IK08 glass • IK10 with wire guard • ABS • DLC applies only to identified variants*
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ETL ATM reports 105342415DAL-001 and 105342415DAL-003 are listed in the current specification. DLC applies to identified configurations.

Eight documented output packages

Power and Output Matrix

Format	Nominal power	Nominal output	Efficacy	Input	Ambient / T-code
I2 · 2 ft	20 W	2,800 lm	140 lm/W	100-277 or 200-480 VAC	-40 to +60°C · T4
I2 · 2 ft	40 W	5,600 lm	140 lm/W	100-277 or 200-480 VAC	-40 to +60°C · T4
I2 · 2 ft	60 W	8,400 lm	140 lm/W	100-277 or 200-480 VAC	-40 to +60°C · T4
I4 · 4 ft	40 W	5,600 lm	140 lm/W	100-277 or 200-480 VAC	-40 to +60°C · T4
I4 · 4 ft	60 W	8,400 lm	140 lm/W	100-277 or 200-480 VAC	-40 to +60°C · T4
I4 · 4 ft	80 W	11,200 lm	140 lm/W	100-277 or 200-480 VAC	-40 to +60°C · T4
I4 · 4 ft	100 W	14,000 lm	140 lm/W	100-277 or 200-480 VAC	-40 to +40°C · T4
I4 · 4 ft	120 W	16,800 lm	140 lm/W	100-277 or 200-480 VAC	-40 to +40°C · T4

Optical and Electrical

- 2700 K through 7000 K CCT ordering range
- CRI > 70
- 120° beam
- 50/60 Hz; power factor > 0.95
- Optional 0-10 V dimming

Construction and Service

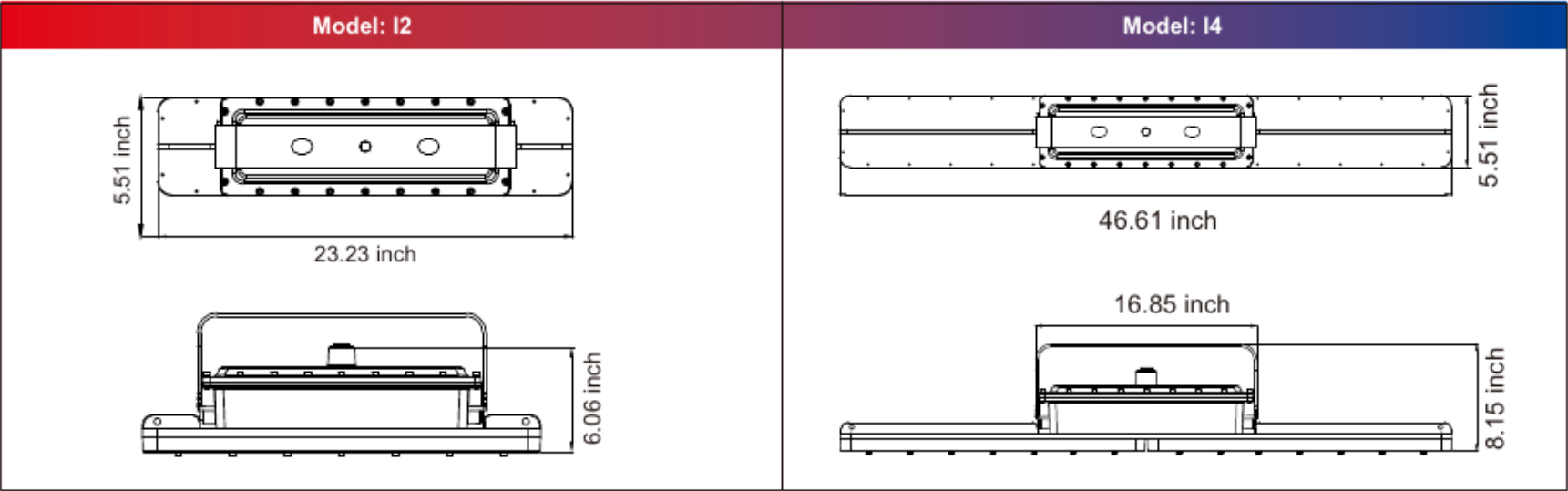
- Copper-free aluminum housing
- Tempered glass; stainless steel
- L70 > 150,000 hours at 55°C
- Five-year warranty
- I2 emergency option: 1.5 hours

An optional 1.5-hour emergency configuration is documented for I2.

Source dimensions and logistics

Dimensions and Packing

Product Dimensions



Format	Overall length	Carton	Net weight	Gross weight	Qty.
I2	23.23 in	30.31 × 13.39 × 10.43 in	26.46 lb	28.66 lb	1 pc
I4	46.61 in	53.94 × 14.17 × 11.42 in	40.79 lb	47.40 lb	1 pc

Other source drawing values

5.51 in, 6.06 in, 16.85 in and 8.15 in appear on the source drawings. Use the drawing above to confirm each measurement's orientation.

Entries

Top and side entries are documented. 3/4 in NPT is standard; 1/2 in NPT is available as documented.

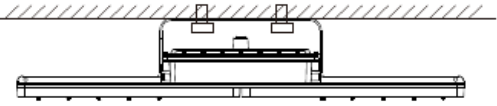
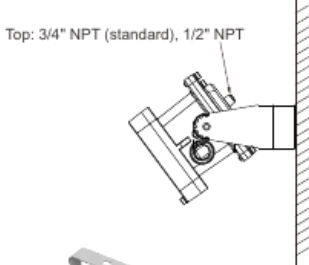
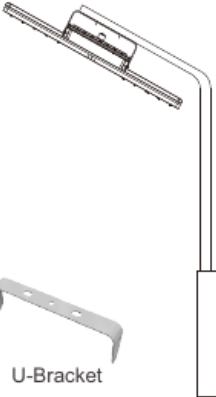
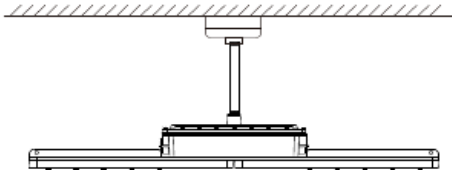
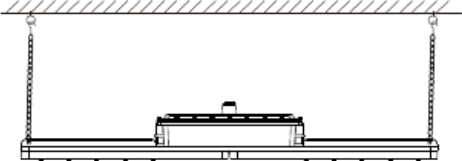
Mounting Paths

Ceiling, pole, wall, chain and pendant mounting are documented. Select the fixture format and mounting path before laying out support spacing and conduit.

Configuration control

Mounting and Ordering Guide

Mounting Methods and Accessories

Ceiling Mount	Wall Mount	Pole Mount
  U-Bracket	Top: 3/4" NPT (standard), 1/2" NPT   U-Bracket	  U-Bracket
Pendant Mount	Chain Mount	
  Junction Box EX-HD51-KB1  Pole Ex-Straight Pipe	  Pendant Chain Ex-Straight Chain	

EX — yyyW — X — Y — Z — D — 1

yyyW	X	Y
20, 40, 60, 80, 100 or 120 W as allowed by I2 / I4.	I2 for 2 ft or I4 for 4 ft.	D dimmable or N non-dimmable.
Z	D	-1
CCT code from 27 through 70.	Input-voltage selection for the required supply.	Optional suffix shown in the ordering guide.

Required project inputs

Class, division, groups or zone; T-code; ambient; voltage; length; wattage; CCT; control; mounting; entries; guard; marine and emergency requirements.

Configuration path

Maes Lighting will build the complete catalog number from the project conditions and selected options.