



EXPLOSION-PROOF – INTRODUCTION & LOGIC

HOSTILE^{ITE} LED



Class I, Div. 1 & 2, Groups C,D
Class I, Zones 1 & 2, Groups IIB, IIA
Class II, Div. 1 & 2, Groups E,F,G
Class III, Div. 1 & 2
Suitable for wet locations
Suitable for Paint Spray Booth
Marine Rated (US only)
Type 3, 4, 4X
Factory Sealed



Certified - File LR11713

FEATURES-SPECIFICATIONS

Features

- Compact Explosion-proof with Traditional Industrial Appearance and Suitability
- Fluted; Dome or Angle Reflectors
- Optional Mounting arrangements including Pendant, Wall, Ceiling, and Stanchion
- EML LED Housings can be retrofitted to existing EZ splice boxes; upgrade from Incandescent, Fluorescent or HID
- Energy Savings – Less than 55 Watts of Power
- LED Array Life – 100,000+ hours with 70% initial lumens
- Long Fixture Life – 50,000 - 55,000 maintenance free hours
- Crisp White Light for Excellent Color Rendering – Chromaticity 5000K (CCT range; approx. 70 CRI)
- Instant on – Including after power interruption
- Solder-LESS LED Board Connections – Vibration Resistant
- Factory Sealed Construction – No external seal required, simply wire mounting cap and thread-in fixture to install
- **Warm LED color option available with 3070**

Materials

- Housing, splice box and guards corrosion resistant copper-free aluminum alloy
- Baked powder epoxy/polyester finish, electrostatically applied for complete, uniform corrosion protection
- All external hardware – Stainless Steel
- Reflectors are aluminum with white finish

Electrical Ratings

- Ambient suitability -40°C to 55°C
- “World Voltage” 120-277VAC 50/60Hz

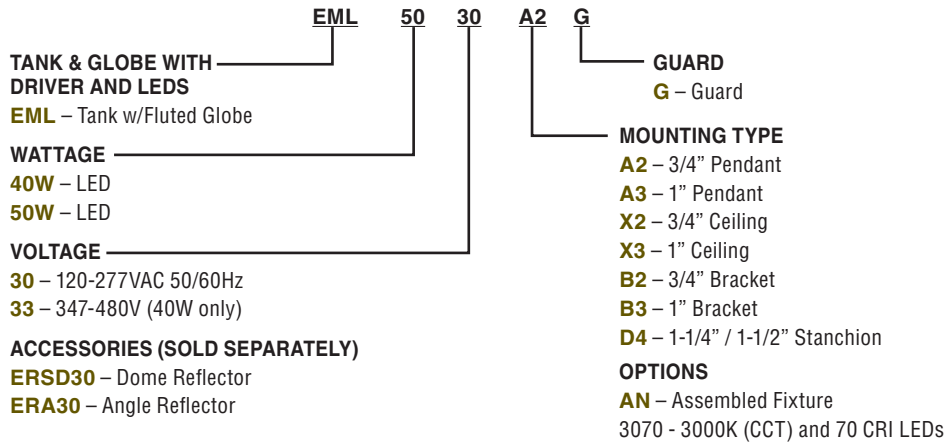
Suitable for Paint Spray Booth Applications



LIGHTING

EML SERIES

EXPLOSION-PROOF – LOGIC, COMPONENTS, AND RATINGS



ORDERING INFORMATION AND AMBIENT SUITABILITY

CATALOG NO.	WEIGHT LBS./KG	WATTS	VOLTAGE	AMPS	EML FLUTED LUMENS	EMLC CLEAR LUMENS	C1D1/C1Z1		C2D1	
							40°C	55°C	40°C	55°C
EML4030	26.00 / 11.79	40	120-277VAC	0.46-0.16	3479	3750	T6	T6	T4A (EFG)	T4 (EFG)
EML4033			347-480VAC	0.14-0.10			T6	T6	T4A (EFG)	T4 (EFG)
EML5030		50	120-277VAC	0.43-0.18	5740	5741	T6	T6	T4A (EFG)	T4 (EFG)

TYPICAL WEIGHTS (LBS.) W/STANDARD GLOBE AND GUARD - EML (C) SERIES

Pendant 29.33

Ceiling 31.79

Wall 33.25

Stanchion 30.94



Pendant



Ceiling



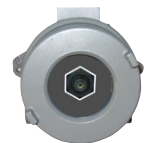
Wall Bracket



25° Stanchion



EMG2



Factory Sealed
Photocell VMHKPC1

EZ MOUNTING BRACKETS				
CATALOG NUMBER				HUB SIZE
PENDANT	CEILING	WALL	STANCHION	
EZA2	EZX2	EZB2	—	3/4"
EZA3	EZX3	EZB3	—	1"
—	—	—	EZD4*	1-1/4" / 1-1/2"*

* 1-1/2" furnished with 1-1/2" - 1-1/4" reducer

EML - EMLC LED ACCESSORIES	
DESCRIPTION	CATALOG NUMBER
Guard	EMG2
Dome Reflector	ERSD30
Angle Reflector	ERA30
CIDI C2D1 N4X Photocell 120VAC	VMHKPC1
CIDI C2D1 N4X Photocell 208-277VAC	VMHKPC2
Replacement Fluted Globe & Support	EMGS3
Replacement Clear Globe & Support	EMGS2
Adapter to old Killark "H" Series or Crouse Hinds®	EAC/EACH



ERSD30 Standard Dome



EMGS3



ERA30 Angle Dome



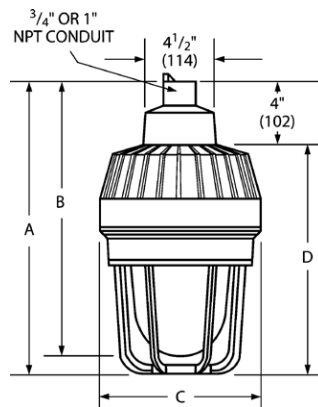
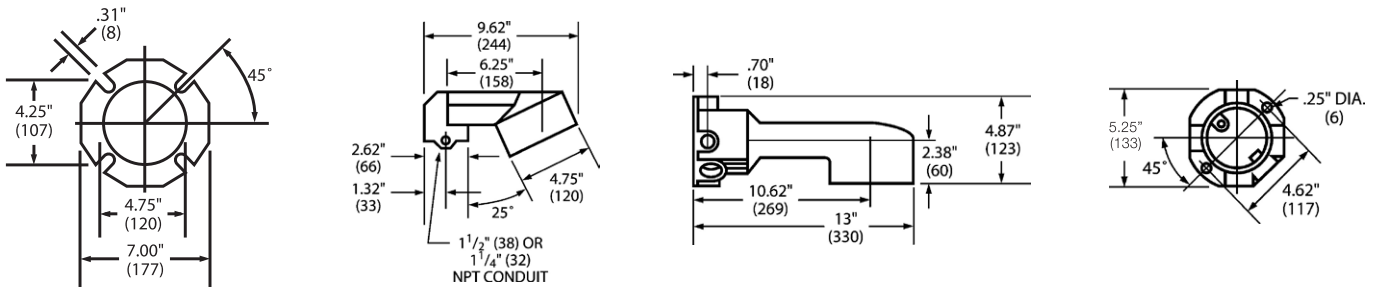
EML4530



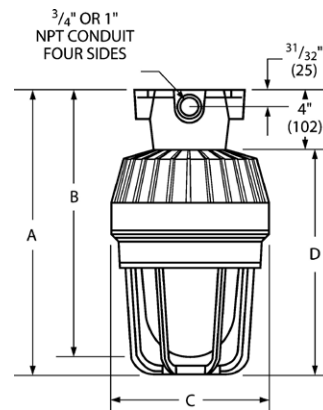
EAC/EACH



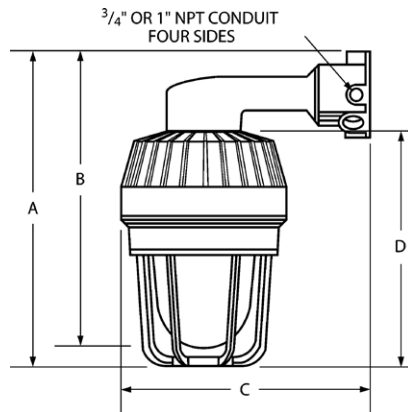
EXPLOSION-PROOF – DIMENSIONS & WEIGHTS



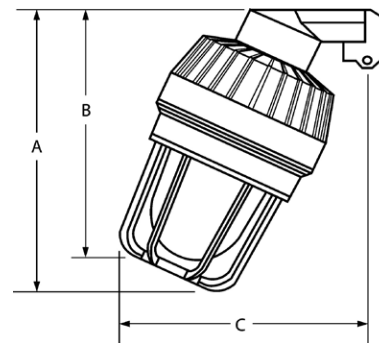
Pendant



Ceiling



Wall



25° Stanchion

EML(C) DIMENSIONS				
TYPE	A	B	C	D
PENDANT	15-15/16" (404)	15-1/16" (382)	8-13/16" (224)	11-15/16" (303)
CEILING	15-15/16" (404)	15-1/16" (382)	8-13/16" (224)	11-15/16" (303)
WALL	16-13/16" (426)	15-15/16" (404)	15" (379)	11-15/16" (303)
STANCHION	15-1/8" (384)	14" (356)	13-1/2" (343)	