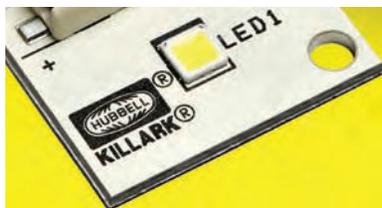




LED Technology



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
Marine
NEMA 3, 4, 4X
Factory Sealed



Certified - File LR11713

FEATURES-SPECIFICATIONS

HOSTILELITE® LED

Applications

HOSTILELITE® EML LED Series fixtures are designed for installations where moisture, dirt, dust, corrosion and vibration may be present, or NEMA 3 and 4x areas where wind, water, snow or high ambients can be expected. They can be used in locations made hazardous due to the presence of flammable or explosive gases, vapors and combustible dusts as defined by the NEC.

Applications include classified areas such as paint manufacturing plants, ammunition facilities, oil and gas producing and refining plants, off-shore and dockside installations, tank farms, pipeline pumping stations and marine loading and fuel transfer terminals.

Compliances

- UL-8750 for LED lighting
- UL-844 Electric Lighting Fixtures for use in Hazardous Locations
- UL Marine Type Electric Lighting Fixtures
- CSA C22.2 no. 137-M1981 Electric Luminaires for use in Hazardous Locations
- NEMA 3, 4, 4X, 7CD, 9EFG

Materials

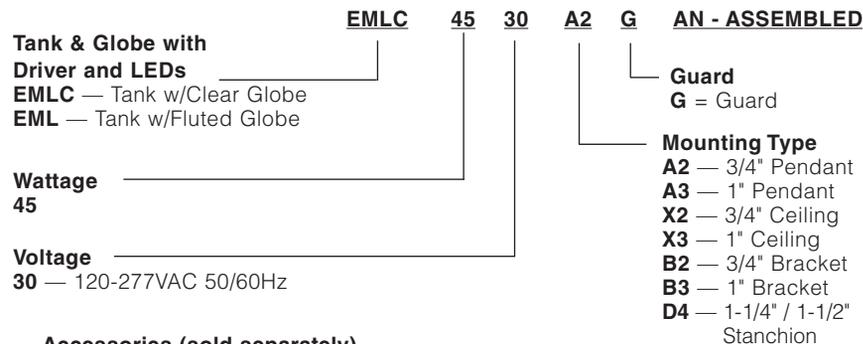
- Ballast tank, splice box and guards corrosion resistant copper-free aluminum alloy
- Baked powder epoxy/polyester finish, electrostatically applied for complete, uniform corrosion protection
- All external hardware - Stainless Steel
- Reflectors are aluminum with white finish

LED Luminaire Features and Standards

- Compact Explosion-proof with Traditional Industrial Appearance and Suitability
- Fluted or Exclusive Clear Globe; 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 50 Watts of Power
- Long Life - 50,000 - 55,000 Maintenance Free Hours to 70% Initial Lumens
- Crisp White Light for Excellent Color Rendering - Chromaticity Avg. 4950°K (CCT); 69 CRI
- Ambient suitability -40°C to 55°C
- Instant on - including after power interruption
- "World Voltage" 120-277VAC 50/60Hz
- Solder-LESS LED Board Connections - Vibration Resistant
- Dual Drivers - Redundant Systems (built-in backup)
- LM80-08* Measurement of lumen maintenance for LED light sources
- LM79-08* Certified "Absolute" Photometry, including Chromaticity Color for Solid State Lighting
- L70 Values - Industry Nomenclature for Hours of use to 70% of Initial Lumens
- Factory Sealed Construction - no external seal required, simply wire mounting cap and thread-in fixture to install

* LM-xx are Illumination Engineering Society Standards designed to promote uniformity in testing procedures among test labs and manufacturers. For more information go to www.ies.org

Catalog Number Logic





Pendant



Ceiling



Wall



Stanchion

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
 Marine
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ORDERING INFORMATION

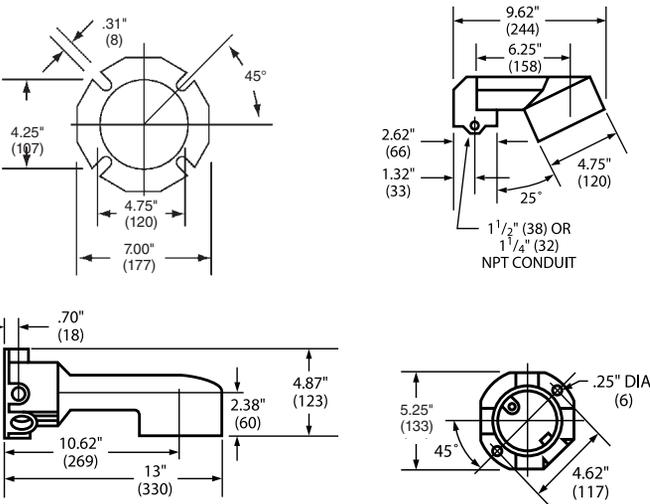
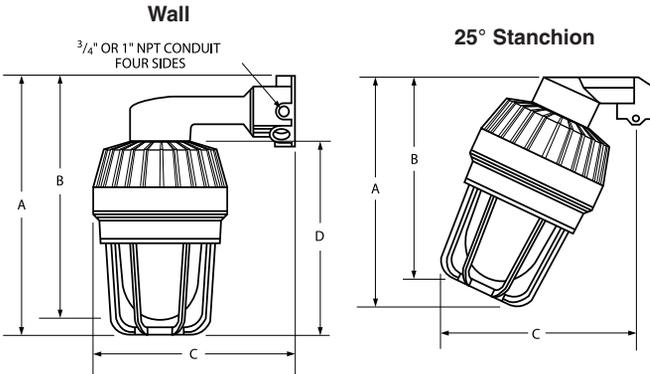
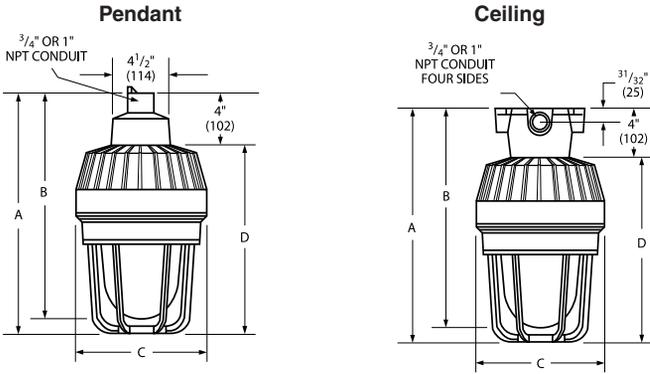
EML SERIES PENDANT WITH OPTIC AND GUARD ①				
WATTS	HUB SIZE ②	VOLTAGE ④	FLUTED GLOBE & GUARD	CLEAR GLOBE & GUARD*
45	3/4"	120-277VAC	EML4530A2G	EMLC4530A2G

EML SERIES CEILING WITH OPTIC AND GUARD ①				
WATTS	HUB SIZE ②	VOLTAGE ④	FLUTED GLOBE & GUARD	CLEAR GLOBE & GUARD*
45	3/4"	120-277VAC	EML4530X2G	EMLC4530X2G

EML SERIES WALL WITH OPTIC AND GUARD ①				
WATTS	HUB SIZE ②	VOLTAGE ④	FLUTED GLOBE & GUARD	CLEAR GLOBE & GUARD*
45	3/4"	120-277VAC	EML4530B2G	EMLC4530B2G

EML SERIES 25° STANCHION WITH OPTIC AND GUARD ①				
WATTS	HUB SIZE ③	VOLTAGE ④	FLUTED GLOBE & GUARD	CLEAR GLOBE & GUARD*
45	1-1/4"/1-1/2"	120-277VAC	EML4530D4G	EMLC4530D4G

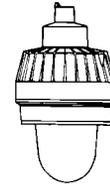
① Catalog numbers shown are with Guard; Omit G if guard not required e.g. EML4530A2.
 ② Catalog numbers shown are with 3/4" conduit openings; change "2" to "3" for 1" e.g. EML4530A3G.
 ③ Stanchion conduit hub size supplied is 1-1/2" with 1-1/2" to 1-1/4" reducer for 1-1/4" mounting (refer to catalog logic).
 ④ 120VAC through 277VAC 50/60Hz.
 * Exclusive from KILLARK; clear globe for maximum brightness.



EML(C) DIMENSIONS ①				
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)	

① See L143 for reflector dimensions.

LED 45 Watt Fluted Globe Only



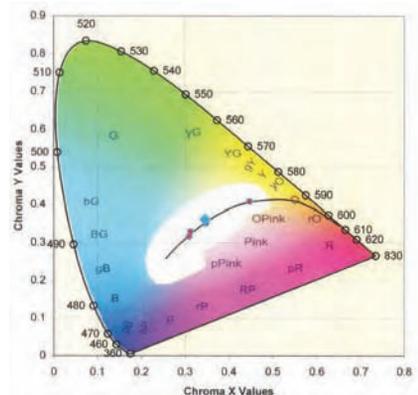
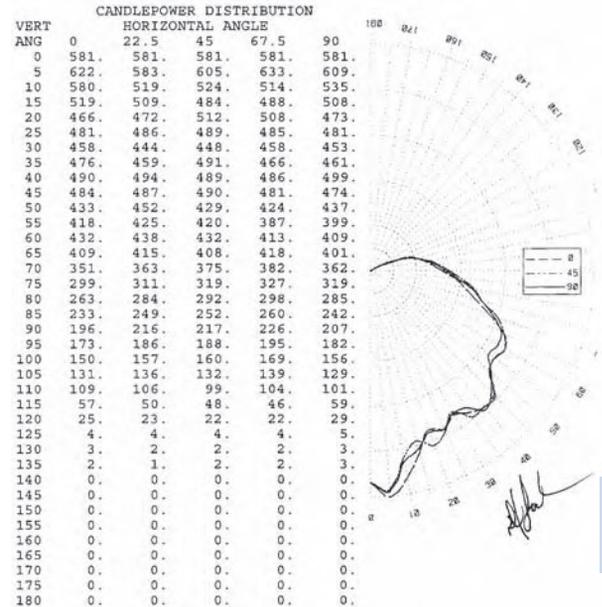
Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-30	424	N.A.	14.7%
0-40	720	N.A.	25.0%
0-60	1463	N.A.	50.8%
0-90	2479	N.A.	86.1%
90-120	396	N.A.	13.7%
90-130	400	N.A.	13.9%
90-150	401	N.A.	13.9%
90-180	401	N.A.	13.9%
0-180	2880	N.A.	100.00

Absolute Photometry

Total Luminaire Efficiency = N.A.%

Spacing to Mounting Height Ratio 1.2



Chromaticity 4976°K (CCT); 69.4 CRI
 Certified Report BAL15296.0



KILLARK®