



INCANDESCENT / COMPACT FLUORESCENT

HOSTILE/ITE®



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
UL Marine Rated (US Only)
Type 3, 4, 4X
Factory Sealed

- Files E10514 and E91793 (Marine)
 - File LR11713

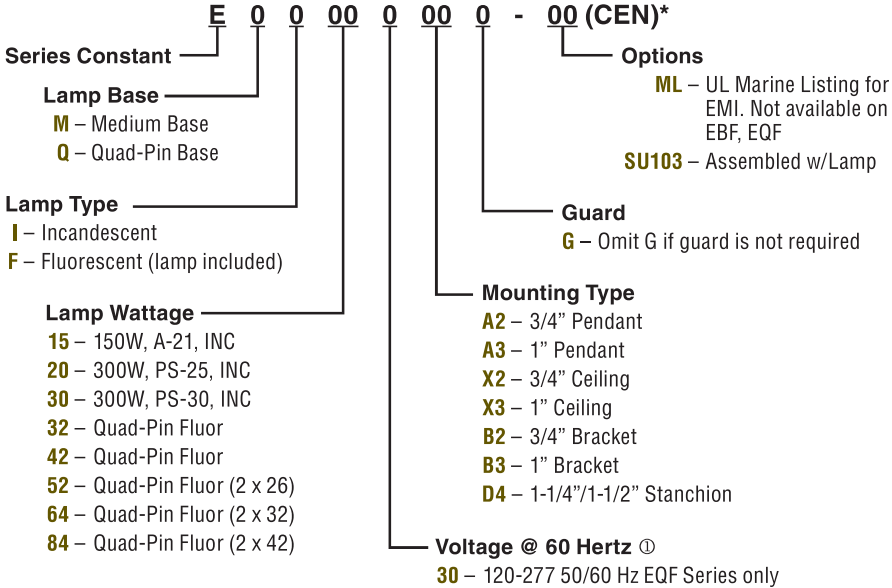
FEATURES-SPECIFICATIONS

Features

- Two light sources – Incandescent, compact fluorescent
- Mounting choice – Pendant, ceiling, 25° stanchion or 90° wall mount, all with “wireless” design that allows fast, easy fixture installation
- Factory sealed – No external seal needed. Simply wire mounting cap and thread on fixture to install
- Compact size – Medium base incandescent, plus PL fluorescent lamps allow smaller fixture design
- Corrosion resistant – Copper-free aluminum die-cast construction. Baked powder epoxy finish, electrostatically applied. Exposed hardware is 316 grade stainless steel

Accessories

- Available with or without guard, standard dome or 25° angle reflector, exit sign and inner colored globes



* CEN (GENELEC) approval option available on certain models.
① Consult factory for available lamp and voltage combinations.



LIGHTING
EM/EQ SERIES

COMPONENT PARTS/ACCESSORIES



EMI15/20/EBF



EMI30



Pendant



Ceiling



Wall Bracket



25° Stanchion

HOUSING, GLOBE AND GLOBE SUPPORT ASSEMBLIES ①

| INCANDESCENT | | | |
|----------------|-------------|--------|--------------|
| CATALOG NUMBER | LAMP TYPE | WATTS | VOLTS ③ |
| EMI15 | A-19 | 60, 75 | 250 MAX. VAC |
| | A-19, A-21 | 100 | |
| | A-21 | 150 | |
| EMI20 | A-23, PS-25 | 150 | 250 MAX. VAC |
| | A-23, PS-25 | 200 | |
| | PS-25 | 300 | |
| EMI30 | PS-25 | 200 | 250 MAX. VAC |
| | PS-30 | 300 | |

| FLUORESCENT WITH LAMP(S)* | | | |
|---------------------------|----------------------|-----------|------------------------|
| CATALOG NUMBER | ANSI LAMP TYPE | WATTS | VOLTS |
| EQF2630 | Quad Pin Fluorescent | 26 | 120-277 VAC 50-60Hz |
| EQF3230 | | 32 | |
| EQF4230 | | 42 | |
| EQF5230 | | 52 (2X26) | |
| EQF6430 | | 64 (2X32) | |
| EQF8430 | | 84 (2X42) | |

| MOUNTING BOXES | | | | |
|----------------|---------|---------|-----------|----------------|
| CATALOG NUMBER | | | | HUB SIZE |
| PENDANT | CEILING | BRACKET | 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



HIC-BEIGE
replacement wiring plug for EZBx Wall Bracket



Close up plug for EZ mounting boxes. Used for maintenance when fixture is removed for service.




| GUARDS | | |
|----------------|------------------|-----------|
| CATALOG NUMBER | SERIES | LAMP TYPE |
| EMG1 | EMI15 | INC |
| | EMI20 | INC |
| | EQF (26, 32, 42) | Quad-Pin |
| EMG2 | EMI30 | INC |
| | EQF (52, 64, 84) | Quad-Pin |

| REFLECTORS | | |
|----------------|-------|------------------|
| CATALOG NUMBER | ANGLE | SERIES |
| STANDARD DOME | | |
| ERSD15 | ERA15 | EMI15/EMI20 |
| | | EQF |
| ERSD30 | ERA30 | EMI30 |
| | | EQF (52, 64, 84) |

Reflectors are aluminum with white finish.

Guards are cast of copper-free aluminum with electrostatically applied epoxy/polyester finish.

- * Consult factory for 52, 64 and 84 Watt availability.
- ① Assemblies may be ordered with the CEN (CENELEC) suffix.
- ② Adapters for discontinued Killark "H" Series and Crouse Hinds® available.
- ③ UL fixture rating; socket rated 600V.



FACTORY SEALED
Class I, DIV. 1 BCD
Class II, DIV. 1&2 EFG
CLASS III
NEMA 3, 4X IP66
 *40°C ambient T3 Rated

| PHOTO CELL FIELD KITS WITH HKB - GL BOX AND COVER | |
|---|------------|
| CATALOG NUMBER | VOLTS |
| VMHKPC1 | 120VAC |
| VMHKPC2 | 208-277VAC |
| VMHKPC3 | 347VAC |



APPLICATION DATA

| EM/EB/EQ HAZARDOUS LOCATION DATA – CLASS I, DIV. 1 & 2 ①② | | | | | | | |
|---|---------------------|------------|------------------|----------------------------------|--|--------------|---------------|
| FIXTURE SERIES | LAMP TYPE/SIZE MAX. | LAMP WATTS | RATED AMBIENT °C | SUPPLY WIRE SUITABLE FOR °C MIN. | CLASS I, DIVISIONS 1 & 2 MAXIMUM SURFACE TEMPERATURE °C | | |
| | | | | | UL/CSA | | |
| | | | | | WITH OR WITHOUT REFLECTOR | | |
| | | | | | TEMP. I.D. | ACTUAL TEMP. | UL/CSA GROUPS |
| EMI15 | INC A-19 | 60 | 40 | 75 | T6 | 79 | C,D |
| | | | 55 | 75 | T6 | | C,D |
| | | | 65 | 75 | T4A | | C,D |
| EMI15 | INC A-19 | 75 | 40 | 75 | T4A | 103 | C,D |
| | | | 55 | 90 | T4A | | C,D |
| | | | 65 | 90 | T4 | | C,D |
| EMI15 | INC A-19 | 100 | 40 | 75 | T4A | 103 | C,D |
| | | | 55 | 90 | T4A | | C,D |
| | | | 65 | 90 | T4 | | C,D |
| EMI15 | INC A-21 | 100 | 40 | 75 | T4A | 101 | C,D |
| | | | 55 | 90 | T4A | | C,D |
| | | | 65 | 90 | T4 | | C,D |
| EMI15 | INC A-21 | 150 | 40 | 75 | T4 | 123 | C,D |
| | | | 55 | 90 | T3C | | C,D |
| | | | 65 | 90 | T3C | | C,D |
| EMI20 | INC A-23 | 100 | 40 | 90 | T4A | 107 | C,D |
| | | | 55 | 90 | T4 | | C,D |
| | | | 65 | 90 | T4 | | C,D |
| EMI20 | INC A-23 | 150 | 40 | 90 | T4 | 132 | C,D |
| | | | 55 | 90 | T3C | | C,D |
| | | | 65 | 125 | T3C | | C,D |
| EMI20 | INC PS-25 | 150 | 40 | 90 | T4 | 126 | C,D |
| | | | 55 | 125 | T3C | | C,D |
| | | | 65 | 125 | T3C | | C,D |
| EMI20 | INC A-23 | 200 | 40 | 90 | T3C | 146 | C,D |
| | | | 55 | 90 | T3B | | C,D |
| | | | 65 | 125 | T3A | | C,D |
| EMI20 | INC PS-25 | 200 | 40 | 90 | T3C | 154 | C,D |
| | | | 55 | 90 | T3A | | C,D |
| | | | 65 | 125 | T3A | | C,D |
| EMI20 | INC PS-25 | 300 | 40 | 90 | T3 | 190 | C,D |
| | | | 55 | 125 | T2D | | C,D |
| | | | 65 | | | | C,D |
| EMI30 | INC PS-25 | 200 | 40 | 125 | T3C | 146 | C,D |
| | | | 55 | 125 | T3B | | C,D |
| | | | 65 | 125 | T3A | | C,D |
| EMI30 | INC PS-25 | 300 | 40 | 125 | T3C | 143 | C,D |
| | | | 55 | 125 | T3B | | C,D |
| | | | 65 | 125 | T3A | | C,D |
| EMI30 | INC PS-30 | 200 | 40 | 125 | T3C | 146 | C,D |
| | | | 55 | 125 | T3B | | C,D |
| | | | 65 | 125 | T3A | | C,D |
| EMI30 | INC PS-30 | 300 | 40 | 125 | T3C | 146 | C,D |
| | | | 55 | 125 | T3B | | C,D |
| | | | 65 | 125 | T3A | | C,D |
| EQF26 | 1 26W Quad-Pin | 26 | 40 | 75 | T6 | 75 | C,D |
| EQF32 | 1 32W Quad-Pin | 32 | 40 | 75 | T6 | 75 | C,D |
| EQF42 | 1 42W Quad-Pin | 42 | 40 | 75 | T6 | 75 | C,D |
| EQF52 | 2 26W Quad-Pin | 52 | 40 | 75 | T6 | 85 | C,D |
| EQF64 | 2 32W Quad-Pin | 64 | 40 | 75 | T6 | 85 | C,D |
| EQF84 | 2 42W Quad-Pin | 84 | 40 | 75 | T6 | 85 | C,D |

HOSTILEITE®

CEN Option

Applications

Killark EM/EB/ESX series fixtures are available with a European "Certificate of Conformity" from PTB (Physikalisch-Technische Bundesanstalt), the approval agency based in Germany. Fixtures with this rating will be useful for Original Equipment Manufacturers and others who build and ship apparatus into European markets.

This approval is granted by PTB with the use of a special ground lug and label. Fixtures carrying an EEx d IIB approval are automatically granted an IP54 (ingress protection) rating. See Temperature Code chart below for PTB certified ratings. Killark EM/EB/ESX fixtures with the PTB rating and labels still carry all UL & CSA ratings.

Fixture housing/globe/globe support assemblies (e.g. EM120 CEN) may be ordered with the CEN suffix. Complete fixture numbers, with the CEN suffix, will be shipped with the mounting boxes, guards and accessories as component parts. Reflectors and other accessory parts may be used. Killark fixtures are NPT tapped and plugged with at least one conduit hole open.

Compliances

- EN 50014:1992
- EN 50018:1994
- EEx d IIB T6 (or T5-T2)
- PTB No. Ex-98.E.1076

MAXIMUM AMBIENT TEMPERATURE RANGE
-20°C TO 40°C

| TYPE OF LUMINAIRE | TYPE OF ENCLOSURE | FORM OF THE LAMP | MAXIMUM WATTAGE | TEMP. CLASS |
|-------------------|-------------------|------------------|-----------------|-------------|
| EMI15 | EMX20 | A-19/A-21 | 150W | T4 |
| EMI20 | EMX20 | A-23/PS-25 | 300W | T3 |
| EMI30 | EMX30 | PS-25/PS-30 | 300W | T2 |

- ① Do not install where marked operating temperature exceeds ignition temperature of hazardous atmosphere.
- ② See Class II table for simultaneous presence ratings.



LIGHTING
EM/EQ SERIES

APPLICATION DATA

EM/EB/EQ HAZARDOUS LOCATION DATA – CLASS II, III, DIVISIONS 1 & 2 ①②

| FIXTURE SERIES | LAMP TYPE/SIZE MAX. | LAMP WATTS | RATED AMBIENT °C | SUPPLY WIRE SUITABLE FOR °C HOSEMIN. | CLASS II, DIV. 1 & 2 MAXIMUM SURFACE TEMPERATURE °C | | | | UL/CSA GROUPS | CLASS III DIV. 1 & 2 UL/CSA SUITABILITY | UL MARINE LISTED | U.L. PAINT SPRAY SUITABILITY | UL/CSA TYPE (RAIN-TIGHT) | UL/CSA TYPE 4 (HOSE-DOWN) ③ |
|----------------|---------------------|------------|------------------|--------------------------------------|--|-----------------|-----------------------|-----------------|---------------|---|------------------|------------------------------|--------------------------|-----------------------------|
| | | | | | UL/CSA WITHOUT REFLECTOR | | UL/CSA WITH REFLECTOR | | | | | | | |
| | | | | | TEMP. I.D. | ACTUAL TEMP. °C | TEMP. I.D. | ACTUAL TEMP. °C | | | | | | |
| EMI15 | INC A-19 | 60 | 40 | 75 | T3C | 132 | T3C | 132 | E,F,G | YES | YES | NO | YES | YES |
| | | | 55 | 75 | T3A | | | | E,F | NO | YES | NO | YES | YES |
| | | | 65 | 75 | T3A | | | | E,F | | | | | |
| EMI15 | INC A-19 | 75 | 40 | 75 | T3A | 163 | T3A | 162 | E,F | NO | YES | NO | YES | YES |
| | | | 55 | 90 | T3A | | T3A | | E,F | NO | YES | NO | YES | YES |
| | | | 65 | 90 | T3A | | T3A | | E,F | NO | YES | NO | YES | YES |
| EMI15 | INC A-19 | 100 | 40 | 75 | T3A | 163 | T3A | 162 | E,F | NO | YES | NO | YES | YES |
| | | | 55 | 90 | T3A | | T3A | | E,F | NO | YES | NO | YES | YES |
| | | | 65 | 90 | T3A | | T3 | | E,F | NO | YES | NO | YES | YES |
| EMI15 | INC A-21 | 100 | 40 | 75 | T3A | 172 | T3A | 172 | E,F | NO | YES | NO | YES | YES |
| | | | 55 | 90 | T3 | | | | E,F | NO | YES | NO | YES | YES |
| | | | 65 | 90 | T3 | | | | E,F | NO | YES | NO | YES | YES |
| EMI15 | INC A-21 | 150 | 40 | 75 | N/A | 192 | T3 | 192 | E,F | NO | YES | NO | YES | YES |
| | | | 55 | | N/A | | | | | | | | | |
| | | | 65 | | N/A | | | | | | | | | |
| EMI20 | INC A-23 | 100 | 40 | 90 | T3A | 166 | T3A | 166 | E,F | NO | YES | NO | YES | YES |
| | | | 55 | 90 | T3 | | | | E,F | NO | YES | NO | YES | YES |
| | | | 65 | | N/A | | | | | | | | | |
| EMI20 | INC A-23 | 150 | 40 | 90 | T3 | 196 | T3A | 178 | E,F | NO | YES | NO | YES | YES |
| | | | 55 | 90 | T3 | | | | E,F | NO | YES | NO | YES | YES |
| | | | 65 | | N/A | | | | | | | | | |
| EMI20 | INC PS-25 | 150 | 40 | 90 | N/A | N/A | N/A | N/A | NO | NO | YES | NO | YES | YES |
| | | | 55 | | N/A | | | | | | | | | |
| | | | 65 | | N/A | | | | | | | | | |
| EMI20 | INC A-23 | 200 | 40 | 90 | N/A | N/A | N/A | N/A | NO | NO | YES | NO | YES | YES |
| | | | 55 | | N/A | | | | | | | | | |
| | | | 65 | | N/A | | | | | | | | | |
| EMI20 | INC PS-25 | 200 | 40 | 90 | N/A | N/A | N/A | N/A | NO | NO | YES | NO | YES | YES |
| | | | 55 | | N/A | | | | | | | | | |
| | | | 65 | | N/A | | | | | | | | | |
| EMI20 | INC PS-25 | 300 | 40 | 90 | N/A | N/A | N/A | N/A | NO | NO | YES | NO | YES | YES |
| | | | 55 | | N/A | | | | | | | | | |
| | | | 65 | | N/A | | | | | | | | | |
| EMI30 | INC PS-25 | 200 | 40 | 110 | N/A | N/A | N/A | N/A | NO | NO | YES | NO | YES | YES |
| | | | 55 | | N/A | | | | | | | | | |
| | | | 65 | | N/A | | | | | | | | | |
| EMI30 | INC PS-25 | 300 | 40 | 110 | N/A | N/A | N/A | N/A | NO | NO | YES | NO | YES | YES |
| | | | 55 | | N/A | | | | | | | | | |
| | | | 65 | | N/A | | | | | | | | | |
| EMI30 | INC PS-30 | 200 | 40 | 110 | N/A | N/A | N/A | N/A | NO | NO | YES | NO | YES | YES |
| | | | 55 | | N/A | | | | | | | | | |
| | | | 65 | | N/A | | | | | | | | | |
| EMI30 | INC PS-30 | 300 | 40 | 110 | N/A | N/A | N/A | N/A | NO | NO | YES | NO | YES | YES |
| | | | 55 | | N/A | | | | | | | | | |
| | | | 65 | | N/A | | | | | | | | | |
| EQF26 | 1 26W Quad-Pin | 26 | 40 | 75 | T4 | 135 | T4 | 135 | E,F,G | YES | NO | YES | YES | YES |
| EQF32 | 1 32W Quad-Pin | 32 | 40 | 75 | T4 | 135 | T4 | 135 | E,F,G | YES | NO | YES | YES | YES |
| EQF42 | 1 42W Quad-Pin | 42 | 40 | 75 | T4 | 135 | T4 | 135 | E,F,G | YES | NO | YES | YES | YES |
| EQF52 | 2 26W Quad-Pin | 52 | 40 | 75 | T4 | 135 | T4 | 135 | E,F,G | YES | NO | YES | YES | YES |
| EQF64 | 2 32W Quad-Pin | 64 | 40 | 75 | T4 | 135 | T4 | 135 | E,F,G | YES | NO | YES | YES | YES |
| EQF84 | 2 42W Quad-Pin | 84 | 40 | 75 | T4 | 135 | T4 | 135 | E,F,G | YES | NO | YES | YES | YES |

① Do not install where marked operating temperature exceeds ignition temperature of hazardous atmosphere.
 ② Fixtures rated for simultaneous presence as shown in Class II table (unless marked with N/A).
 ③ For UL-Marine and UL/CSA Type 4 listing add suffix "ML" to "EMI" Series fixture catalog number. Not available on "EQF" series.

