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LUMINARIA · CERTIFICADO DS1
CUMPLE DS1 NORMA 2022
DS1-04512-24

FICHA TÉCNICA

Industrial Mercmaster™ LED Series Luminaires

APPLETON™

Respaldo de Energía UPS | Data Centers Modulares | Salas Eléctricas | Electromovilidad | Iluminación de Emergencia | Estabilizadores de Voltaje | Servicio Técnico | Montaje | Energías Sustentables | Bancos de Condensadores para Eficiencia y Calidad de Energía | Almacenamiento de Energía | Clima de Precisión | Servicio Post Venta de Excelencia

Industrial Mercmaster™ LED Generation 3 Series Luminaires

Standard or with Emergency Battery Backup

Ordinary Locations

NEC/CEC/NOM Standard Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations | Marine Outside Type (Salt Water)
NEC/CEC Emergency Battery Backup Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations
IECEE CB Standard Model: IP66 | IK08
Notable: American Bureau of Shipping (ABS) Certified | DarkSky Approved (Standard Model Only)

Applications

- Powerful, efficient weatherproof lighting suitable for use in:
  - — Warehouses, storage facilities, and receiving areas
  - — Machine shops
  - — Manufacturing plants
  - — Walkways and catwalks
  - — Locations requiring IP66/IP67, Type 4X, marine and wet location luminaires
  - — Locations requiring dependable, consistent lighting in extreme hot/cold temperature environments
- Typical harsh industrial environments include:
  - — Power generation plants
  - — Foundries
  - — Waste and sewage treatment plants
  - — Steel and other metal processing facilities
  - — Pulp and paper mills
  - — Processing plants
  - — Hydrogen and Biofuels plants
  - — LNG (Liquid Natural Gas) plants
  - — Other areas where dust, water, dirt and rough usage are a problem

Features

- All Models:
  - — Modular design provides thousands of combinations for maximum versatility.
  - — Choice of optics for optimal light distribution in a variety of applications: Type I, Type III, Type V or Type V Wide.
  - — Seven standard mounting hood designs allow for mounting in any location. Uses same mounting hoods as Mercmaster™ III HID.
  - — Retrofit adapters for Crouse-Hinds™ ✢, Mercmaster™ II HID, and Killark ✧ hoods available. *See Mounting Hood Adapters table.*
  - — Watertight Pendant Hood with IP 68 cord grip available to address water ingress into luminaire via conduit.
  - — Hinge has high lip for added safety during installation and servicing. Hinge and bolt construction assures 360° compression at all points on fixture housing gasket for positive sealing. Swing away design of captive bolt and nut simplifies installation.
  - — Rugged housing with superior thermal design translates to long luminaire life.
  - — Luminaire housing has wiring compartment with terminal block separate for easy wiring access.
  - — Spring-loaded screw-type terminal block can accept UL/CSA .14 to 6 mm2 (26-10 AWG) wire.
  - — Heavy duty, high temperature silicone gaskets.
  - — Photometric data and electronic drawings available upon request.
  - — Standard NPT threads with M20 option.
  - — Field replaceable globes and LED driver
- Standard Model:
  - — Choice of color temperature (CCT): 5000K (70 CRI), 4000K (80 CRI), 3000K (80 CRI), 2200K (70 CRI), 1800K (70 CRI), Amber or Green.
  - — Ambient Temperature: -40 °C to +65 °C (-40 °F to +149 °F) standard; -50 °C to +65 °C (-58 °F to +149 °F) cold temperature option . Higher ambient options available (up to 75 °C [167 °F]) on select configurations. See Temperature Code table for details.
  - — 6 kV/3 kA surge protection available on standard models. 10 kV/5 kA optional.



IMLGL



IMLGH

  - — Ten light outputs provide up to 28,000 lumens.

Nominal Lumens ①	HID Equivalent	Model
4000	70-100W	IMLGL3
6200	100-175W	IMLGL5
8500	175-250W	IMLGL7
11,000	250-350W	IMLGL9/IMLGH9
13,000	350-400W	IMLGH1
15,500	400W	IMLGH3
19,000	400-600W	IMLGH6
21,000	600-750W	IMLGX1
25,000	1000W	IMLGX5
28,000	>1000W	IMLGX8

- Emergency Battery Backup Model:
  - — Choice of color temperature (CCT): 5000K (70 CRI), 4000K (80 CRI), 3000K (80 CRI), 2200K (70 CRI), 1800K (70 CRI) or Amber.
  - — Customize to the application requirements with three different globe options: clear polycarbonate, diffused polycarbonate, and clear glass.
  - — Provides up to 1600 lumens illumination for 90 minutes of emergency lighting with clear lens or 950 lumens illumination for 180 minutes of emergency lighting.

Nominal Lumens ①	HID Equivalent	Emergency Mode Nominal Lumens ①	Model
4000	70-100W	1450	IMLGL3*H
		800	IMLGL3*E
6200	100-175W	1450	IMLGL5*H
		800	IMLGL5*E
7500	175-250W	1600	IMLGL7*H
		950	IMLGL7*E

  - — Functional diagnostic test self-initiates every 14 days after initial start up.
  - — Duration test is automatically performed once per year.
  - — Green and Red LED lights indicate charging status and provide fault warning.
  - — Simple quick disconnect connector disconnects power between LEDs and battery management module to allow for easy maintenance.
  - — Ambient Temperature: -20 °C to +55 °C (-4 °F to +131 °F).
  - — Field replaceable battery management module (BMM) and battery pack.

Warranty ✪

- 10 year standard warranty.

① Nominal lumen value for 5000K, clear glass globe Type V Wide. Detailed lumen information is provided in the " Lumen Output (Efficacy)" tables.
✧ Killark is a registered trademark of Killark Manufacturing Company.
✢ Crouse-Hinds is a registered trademark of Cooper Industries, Inc., a wholly owned subsidiary of the Eaton Corporation plc.
✪ For warranty details go to www.appleton.emerson.com.

Industrial Mercmaster™ LED Generation 3 Series Luminaires

Standard or with Emergency Battery Backup

Ordinary Locations

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IECEE CB Standard Model: IP66 | IK08
Notable: American Bureau of Shipping (ABS) Certified | DarkSky Approved (Standard Model Only)

Controls

- Dimming:
  - Industrial Mercmaster LED Generation 3 Luminaires offer a two-wire, 0-10V variable dimming input port for controlling the light output:
    - Standard operating temperature models: from 10% to 100% of the rated lumen output.
    - Cold temperature option models: from 0% to 100% of the rated lumen output.
    - 24-48 Vdc models: from 0 to 100% of the rated lumen output.
- Group Lighting Controls:
  - Simplify installation of energy saving lighting controls.
    - Control up to 10 luminaires over a distance of 60 meters (200 ft) with Mercmaster Connect LED integrated dimming controller.
    - Daisy chain the luminaires on the same circuit breaker by wiring the 0-10V dimming leads to the Connected luminaire. Enable the Mercmaster Connect's advanced capabilities to extend daylight harvesting (adjustable output), motion sensing (up to 12 meters [40 ft]) and scheduling features (up to 4 times period per day) with the group of lights.
    - Optionally commission and monitor the group of lights remotely via our Plantweb Insight™ Connected Lighting App.

Options

- All Models:
  - Globe guard available, *purchase separately.*
  - Safety cable available, *purchase separately.*
  - Drain is available to divert water existing in the conduit system, *purchase separately*.
- Standard Model:
  - Refractor guard available, *purchase separately*
  - Optional provision for fusing; add suffix **–F** at the end of the catalog number.
  - Optional 10 kV surge protection. Add suffix **–S** at the end of the catalog number.
  - Some lumen output standard luminaires offer High Ambient temperature option up to 70 °C or 75 °C (158 °F or 167 °F). See Catalog Numbering Guide for specifics.
  - Photocontrols are available and are configured to your operating voltage. Add suffix **-1** for 120V, **-2** for 208-277V.
  - Colored Glass globes available, purchase separately: Amber (VPGLGLASSAM), Blue (VPGLGLASSBL), Red (VPGLGLASSRE), Green (VPGLGLASSGR).

Standard Materials

- Mounting hoods and driver housing: cast copperfree (4/10 of 1% max.) aluminum
- Gaskets: silicone rubber
- All hardware and catch assemblies: stainless steel
- Globe: polycarbonate or glass
- Short refractor guard: stainless steel
- Refractor: heat-resistant prismatic glass
- Globe guard, short refractor guard and safety cable: stainless steel wire

Standard Finishes

- Mounting hoods, bodies and glass refractor guard: gray epoxy powder coat finish, electrostatically applied for complete uniform protection

NEC/CEC Certifications and Compliances

- NEMA ANSI/IEC Standards: 60529
- Standard Model:
  - UL Standard: UL 844; UL 1598; UL 1598A; UL 50E; UL 8750; UL 60079-0; UL 60079-7; UL 60079-31
  - CSA Standard: C22.2 No. 0 - 10; C22.2 No. 94.2 - 15; C22.2 No. 137 -M1981; C22.2 No. 250.0 - 08; C22.2 No. 250.13 -14; C22.2 No. 60529;C22.2 No. 60079-0:15; C22.2 No. 60079-7:16; C22.2 No. 60079-31:15; CSA E60598-1:16
  - cCSAus: 164460, Certificate Number: 70112879
- Emergency Battery Backup Model:
  - UL Standard: UL 844; UL 1598; UL 50E; UL 8750; UL 60079-0; UL 924
  - CSA Standard: C22.2 No. 0 -10; C22.2 No. 94.2 - 15; C22.2 No. 137 -18; C22.2 No. 250.0 - 08; C22.2 No. 250.13 -14; CSA E60598-1:16
  - cCSAus: 164460, Certificate Number: 70182640

NOM: Norma Oficial Mexicana:

- Standard Model:
  - NOM-003-SCFI-2014 (NMX-J-307-ANCE-2017)
  - NOM Certificate: ULM-NOM-15621

IECEE CB Certificates and Compliances:

- Standard Model:
  - IEC 60598-1, IEC 60598-2-1
  - IECEE CB Certificates: 64460-80075816

ABS Certifications

- Standard Model: 18-HS1726695-PDA
- Emergency Battery Backup Model: 22-2235738-PDA

DarkSky Approved

- Standard Model:
  - DarkSky Approved when ordering [I]MLG[A/B/C/D/R/W]xxW[P/D/G]5Bxxx with MMVISOR accessory

Design Lights™ Consortium

- All Models:
  - Check DLC QPL for current list of products.

Related Products

- Mercmaster LED Generation 3 Series Luminaires
- Mercmaster LED Low Profile Luminaires
- Industrial Mercmaster LED Low Profile Series Luminaires

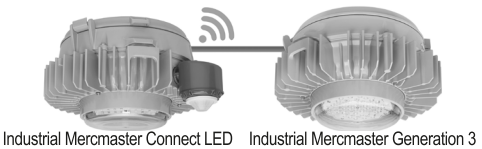
Industrial Mercmaster™ LED Generation 3 Series Luminaires

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IECEE CB Standard Model: IP66 | IK08
Notable: American Bureau of Shipping (ABS) Certified | DarkSky Approved (Standard Model Only)

Illustrated Features — All Models



Industrial Mercmaster Connect LED Industrial Mercmaster Generation 3 with Dimming Option

Group Lighting Controls:
Control up to 10 luminaires over a distance of 60 meters (200 ft) with Mercmaster Connect LED integrated dimming controller by daisy chaining the dimming leads from the group of lights.



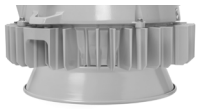
Designed for the Environment
Driver housing design incorporates separate sections for the terminal block and driver. The efficient thermal design ensures reliable heat transfer from the LED assembly out via the heatsink and the cast, epoxy powder coat, aluminum housing.



Safety Cable (optional): Safety cable is slipped around the housing through retention points that are casted in. Safety cable has built in loops combined with a locking carabiner to allow for a quick and secure installation.



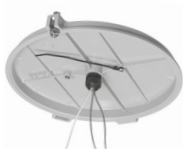
Field Replaceable Parts:
Replacement glass and polycarbonate globes and drivers available — allowing for easy maintenance.



Visor (optional):
Maintains light distribution type and ensures luminaire meets dark sky requirements.



Retrofit Adapters (optional):
Seamlessly retrofit to pre-existing Crouse Hinds™ ✣, Mercmaster II, and Killark™ ✧ HID mounting hoods.

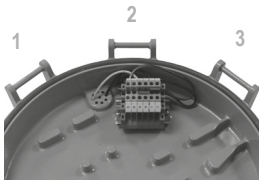


Watertight Pendant Hood:
Provides protection against water ingress in the conduit utilizing an IP68 cord grip with 3 wire holes 4 mm (0.157") in diameter.



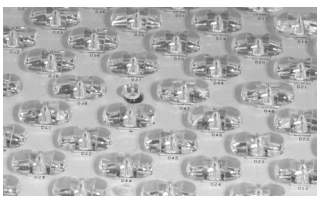


Latch Assembly and Hinge:
Captive, stainless steel latch assembly (bolt and nut) closes securely while providing resistance to corrosive atmospheres. Swing-away design simplifies wiring and installation. Extra high hinge provides additional protection against accidental driver housing disengagement during installation or maintenance.

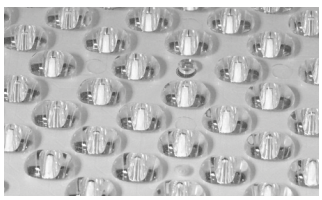




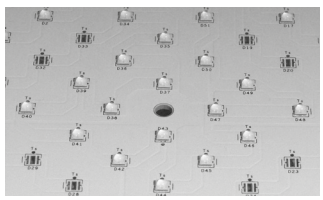
Type I and Type III Hinge System:
Type I and Type III light distribution patterns use a multiple hinged housing design which allows you to correctly line up the beam pattern in your desired direction. By using one of the three available hinges you can position the fixture for optimal light output.



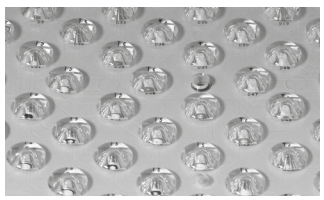
Type I - Long and narrow distribution pattern designed with walkways in mind.



Type III - Wall mounted distribution pattern designed where you need good forward light projection.



Type V - Symmetrical circle distribution pattern ideal when you need even coverage in all directions.



Type V Wide - Like the Type V distribution pattern with more vertical lumens designed to help spread the light quicker and more outwards.

✧ Killark is a registered trademark of Hubbell Incorporated.
✣ Crouse-Hinds is a registered trademark of Cooper Industries, Inc., a wholly owned subsidiary of the Eaton Corporation plc.

Industrial Mercmaster™ LED Generation 3 Series Luminaires

Standard or with Emergency Battery Backup

Ordinary Locations

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NEC/CEC Emergency Battery Backup Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations
IECEE CB Standard Model: IP66 | IK08
Notable: American Bureau of Shipping (ABS) Certified | DarkSky Approved (Standard Model Only)

Illustrated Features — Standard Model



Photocell (optional):
Factory Installed in the Mounting Hood. Available for all fixtures except cone and ceiling mount. Provides continuous ON-OFF dusk-to-dawn control.



Fuses (optional): ⌘
Fuses factory installed in luminaire housing.



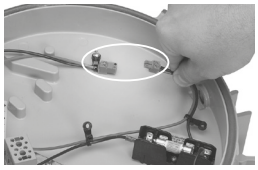
Prismatic Refractors:
Heat-resistant refractor threads directly into fixture housing and seal against a high-temperature silicone rubber gasket.



Colored Glass Globes (optional):
Amber, Blue, Red, Green are available and field installable for applications that require specific sections to be highlighted.

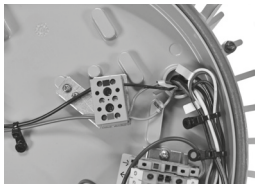
Illustrated Features — Emergency Battery Backup Model

Quick Disconnect



Simple quick disconnect connector disconnects power between LEDs and battery management module to allow for easy maintenance in hazardous locations.

Field Changeable Duration Setting



Allows user to switch the battery system setting as needed in the field from 90 to 180 min or 180 to 90 min battery

⌘ *Use of fuse voids Marine Outside Type (Salt Water) rating.*

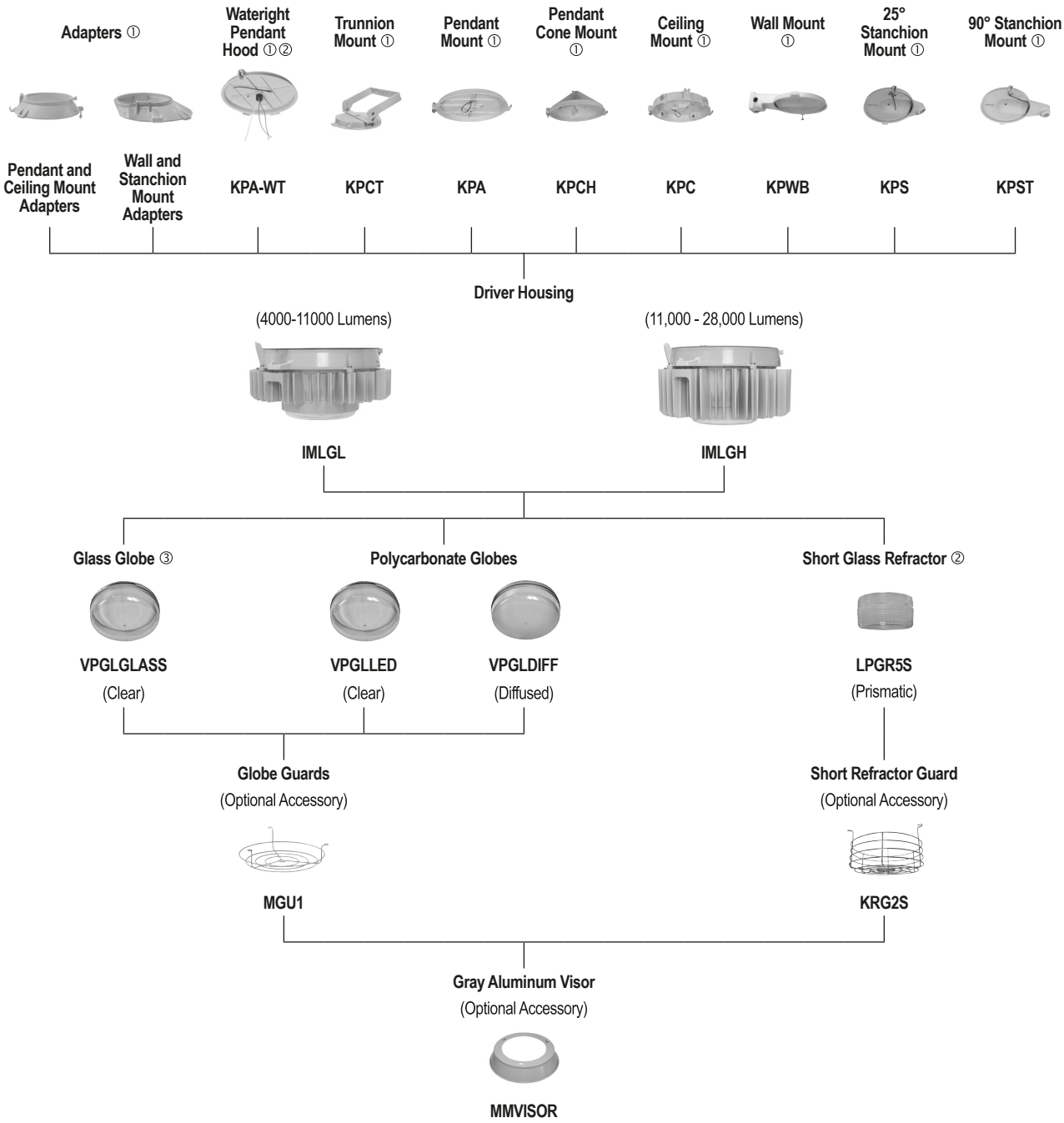
Industrial Mercmaster™ LED Generation 3 Series Luminaires

Standard

Ordinary Locations

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IECEE CB Standard Model: IP66 | IK08
Notable: American Bureau of Shipping (ABS) Certified | DarkSky Approved (Standard Model Only)

Family Tree — Industrial Mercmaster™ LED Generation 3 Series Luminaires — Standard Model



① See Mounting Hood Adapters table for part numbers.
② Certified for cCSAus only.
③ Colored glass globes can be ordered separately, see Accessories and Replacement Parts table for more details.

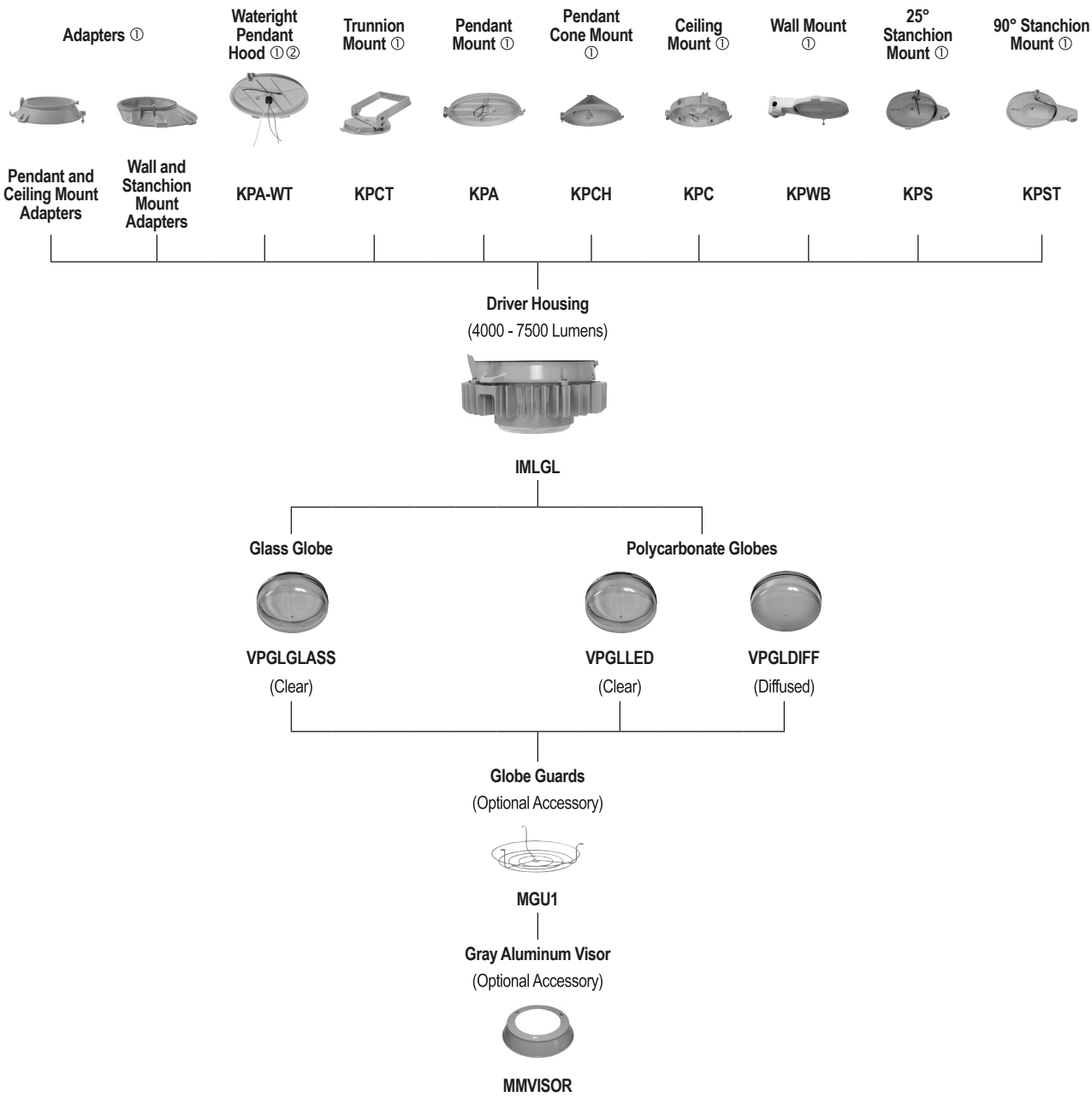
Industrial Mercmaster™ LED Generation 3 Series Luminaires

With Emergency Battery Backup

Ordinary Locations

NEC/CEC Emergency Battery Backup Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations
Notable: American Bureau of Shipping (ABS) Certified

Family Tree — Industrial Mercmaster™ LED Generation 3 Series Luminaires — Emergency Battery Backup Model



① *See Mounting Hood Adapters table for part numbers.*
② *Certified for cCSAus only.*

Industrial Mercmaster™ LED Generation 3 Series Luminaires

Standard

Ordinary Locations

NEC/CEC/NOM Standard Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations | Marine Outside Type (Salt Water)
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Order Using Catalog Numbering Guide — Industrial Mercmaster™ LED Generation 3 Series Luminaires — Standard Model

IMLG	A	L3	2	C	P	5	BU	F	C	1

Series Prefix:
IMLG - Industrial Mercmaster LED Generation 3 Series

Lumen (nominal): ⚹ ✦
L3 - 4,000
L5 - 6,200
L7 - 8,500
L9 - 11,000
H9 - 11,000 ⑧
H1 - 13,000
H3 - 15,500
H6 - 19,000
X1 - 21,000
X5 - 25,000
X8 - 28,000 ❺

Color Temperature: ‡
C - Cool, 5000K
N - Neutral, 4000K
W - Warm, 3000K
H - 2200K
S - HPS 1800K
A - Yellow Amber
V - Green ❹

Light Distribution Pattern:
1 - Type I ②
3 - Type III ②
5 - Type V ②
W - Type V Wide

Optional Fusing: ⌘
F - Fusing
Blank - No fusing

Options:
1 - Photocontrol 120V ④
2 - Photocontrol 208-277V ④
S - Additional surge to 10 kV ②
A- High Ambient ⑧✦
Blank - No Options Chosen

Mounting:
A - Pendant
B - Watertight Pendant ⅄
C - Ceiling ⑤
D - Pendant Cone ⅄ ⑤
R - 90° Stanchion ①
S - 25° Stanchion ①
T - Trunnion
K - Killark™ ✧ Adapter Universal ⅄
U - Mercmaster II Adapter, Ceiling or Pendant ⅄
V - Mercmaster II Adapter, Stanchion or Wall ⅄
W - Wall
X - Crouse Hinds™ ✣ Adapter, Ceiling or Pendant ⅄ ⑥
Y - Crouse Hinds™ ✣ Adapter, Stanchion or Wall ⅄
Blank - No mounting hood

Hub Size:
2 - 3/4" NPT ①
3 - 1" NPT ①
4 - 1-1/4" NPT stanchion
5 - 1-1/2" NPT stanchion
6 - Metric M20 ①
Blank - If using adapter or no hood

Globe Material: ③
P - Clear Polycarbonate Globe
D - Diffused Polycarbonate Globe
G - Clear Glass Globe
J - Short Glass Prismatic Refractor ⑨

Voltage for all lumens: ⑩
BU - 100-277 Vac, 50/60 Hz; 125-300 Vdc ⑦❶
BH - 347-480 Vac, 50/60 Hz ⅄
B2 - 24-48 Vdc ❷

Operating Temperature: ❸
C - Cold Temperature -50 °C (-58 °F) Min. Ambient
Blank - Standard -40 °C (-40 °F) Min. Ambient

① *3/4" NPT, 1" NPT and Metric M20 hub entries are not offered on 90° or 25° Stanchion mounting options.*
② *10 kV surge is not rated for IECEE and not available with high ambient options.*
③ *Guards for the glass refractors and globes are ordered separately. See the Accessories for more information.*
④ *Photocontrol available for 120-277 Vac only. Factory installed in the mounting hood. Photocontrols only certified for cCSAus. Luminaires with photocontrol are not rated IECEE, IP66/67, Class II, 3R, 4, 4X, or Marine Outside Type (Salt Water).*
⑤ *Ceiling-mount and pendant cone mounting hoods and adapters are not designed to use the in hood photocontrol. Ceiling and pendant cone mounts must use an FS/FD box with photocontrol (ordered separately).*
⑥ *Only allowed for Type V and Type V Wide light distribution.*
⑦ *Voltage range may vary from 100-277V to 120-277V. See Electrical Specifications table for details.*
⑧ *H9 only available with High Ambient option (-A).*
⑨ *Short glass prismatic refractor (J) is only available in light distribution pattern Type V and NEC/CEC rated applications.*
⑩ *All models except from X8, H3 347-480V, H6 347-480V have 0-10V variable dimming input providing 10% to 100% dimming curve for BU/BH voltage options at standard temperature and 0% to 100% dimming curve for B2 voltage or cold temperature models.*

❶ Voltage range is 120-277V for X1 and X5 models, and cold temperature models from L7 to H6. 125-300V DC voltage is available only with the Fusing option.
❷ Available up to 8500lm models.
❸ Cold temperature option is available for use with clear glass globe, and BU (100-277 Vac), or B2 (24-48 Vdc) voltages only. Not available with X1, X5, X8 and photocontrol.
❹ Green Color Temperature is only available with L5, L9, H3 and X1 lumen options. Review T code tables for applicable ambient temperatures
❺ Available with glass globe, short glass prismatic refractor, 5000K CCT, and 100-277V voltage options only.
✦ *Lumen output options L3 (up to 75° C), L5 (up to 75° C), L7 (up to 75° C), L9/H9/H3 (up to 70° C) can be ordered as High Ambient models.*
⚹ *For lumen output information, see Lumen Output (Efficacy) Table.*
⌘ *Fusing only permitted for NEC/CEC rating. Factory installed. Use of fuse voids Marine Outside Type (Salt Water) rating. Fusing is mounted in the driver housing.*
‡ *Other CCT options available upon request. Contact your local sales representative for more information.*
⅄ *Adapters, watertight pendant hood and BH Voltage only certified for cCSAus. Not available for use with photocontrol.*
✧ *Killark is a registered trademark of Hubbell Incorporated.*
✣ *Crouse-Hinds is a registered trademark of Cooper Industries, Inc., a wholly owned subsidiary of the Eaton Corporation plc.*

Industrial Mercmaster™ LED Generation 3 Series Luminaires

With Emergency Battery Backup

Ordinary Locations

NEC/CEC Emergency Battery Backup Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations
Notable: American Bureau of Shipping (ABS) Certified

Order Using Catalog Numbering Guide — Industrial Mercmaster™ LED Generation 3 Series Luminaires — Emergency Battery Backup Model

IMLG | **A** | **L3** | **2** | **C** | **P** | **5** | **BU** | **H**

Series Prefix:
IMLG - Industrial Mercmaster LED Generation 3 Series with Emergency Battery Backup

Mounting:
A - Pendant
B - Watertight Pendant ⅄
C - Ceiling
D - Pendant Cone ⅄
R - 90° Stanchion ①
S - 25° Stanchion ①
T - Trunnion
K - Killark™ ✧ Adapter Universal ⅄
U - Mercmaster II Adapter, Ceiling or Pendant ⅄
V - Mercmaster II Adapter, Stanchion or Wall ⅄
W - Wall
X - Crouse Hinds™ ✣ Adapter, Ceiling or Pendant ⅄ ③
Y - Crouse Hinds™ ✣ Adapter, Stanchion or Wall ⅄
Blank - No mounting hood

Lumen (nominal): ✶
L3 - 4,000
L5 - 6,200
L7 - 7,500

Hub Size:
2 - 3/4" NPT ①
3 - 1" NPT ①
4 - 1-1/4" NPT stanchion
5 - 1-1/2" NPT stanchion
6 - Metric M20 ①
Blank - No hub if using adapter or ordering driver housing only (no mounting hood)

Color Temperature:
C - Cool, 5000K
N - Neutral, 4000K
W - Warm, 3000K
H - 2200K
S - HPS 1800K
A - Amber

Globe Material:
P - Clear Polycarbonate Globe
D - Diffused Polycarbonate Globe
G - Clear Glass Globe ②

Light Distribution Pattern:
1 - Type I ④
3 - Type III ④
5 - Type V
W - Type V Wide

Voltage:
BU - 120-277 Vac, 50/60 Hz

Emergency:
H - 90 Minutes
E - 180 Minutes

① *3/4" NPT, 1" NPT and Metric M20 hub entries are not offered on 90° or 25° Stanchion mounting options.*
② *Guards for the globes are ordered separately. See the Accessories for more information.*
③ *Only allowed for Type V and Type V Wide light distribution.*
④ *Type I and Type III use a multiple hinge housing.*
✶ *For lumen output information, see Lumen Output (Efficacy) Table.*
⅄ *Adapters only certified for cCSAus.*
✧ *Killark is a registered trademark of Hubbell Incorporated.*
✣ *Crouse-Hinds is a registered trademark of Cooper Industries, Inc., a wholly owned subsidiary of the Eaton Corporation plc.*

Industrial Mercmaster™ LED Generation 3 Series Luminaires

Standard

Ordinary Locations

NEC/CEC/NOM Standard Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations | Marine Outside Type (Salt Water)
IECEE CB Standard Model: IP66 | IK08
Notable: American Bureau of Shipping (ABS) Certified | DarkSky Approved (Standard Model Only)

Lumen Output (Efficacy) — Standard Model ①

Model	HID Equivalency	Light Distribution Pattern	CCT ②	CRI ③	Lumen Output	Efficacy (lm/W)	CCT ②	CRI ③	Lumen Output	Efficacy (lm/W)	CCT ②	CRI ③	Lumen Output	Efficacy (lm/W)	CCT ②	CRI ③	Lumen Output	Efficacy (lm/W)
Clear Polycarbonate Globe																		
IMLGL3	70-100W	Type I	3000K	80	3050	92	4000K	80	3225	98	5000K	70	3600	109				
		Type III	3000K	80	3100	94	4000K	80	3275	99	5000K	70	3650	111				
		Type V	3000K	80	3175	96	4000K	80	3425	104	5000K	70	3800	115				
		Type V Wide	3000K	80	3125	95	4000K	80	3325	101	5000K	70	3700	112				
		Type I	1800K	70	2525	77	2200K	70	2750	83	Amber	N/A	2225	67				
		Type III	1800K	70	2425	73	2200K	70	2650	80	Amber	N/A	2175	66				
		Type V	1800K	70	2625	80	2200K	70	2900	88	Amber	N/A	2375	72				
		Type V Wide	1800K	70	2575	78	2200K	70	2850	86	Amber	N/A	2325	70				
IMLGL5	100-175W	Type I	3000K	80	4550	95	4000K	80	4850	101	5000K	70	5500	115				
		Type III	3000K	80	4600	96	4000K	80	4950	103	5000K	70	5600	117				
		Type V	3000K	80	4800	100	4000K	80	5125	107	5000K	70	5800	121				
		Type V Wide	3000K	80	4700	98	4000K	80	5025	105	5000K	70	5700	119				
		Type I	1800K	70	3750	78	2200K	70	4175	87	Amber	N/A	3375	70	Green	N/A	2950	58
		Type III	1800K	70	3600	75	2200K	70	4050	84	Amber	N/A	3225	67	Green	N/A	3125	61
		Type V	1800K	70	3950	82	2200K	70	4375	91	Amber	N/A	3525	73	Green	N/A	3000	59
		Type V Wide	1800K	70	3850	80	2200K	70	4275	89	Amber	N/A	3475	72	Green	N/A	3050	60
IMLGL7	175-250W	Type I	3000K	80	6025	100	4000K	80	6275	105	5000K	70	7450	124				
		Type III	3000K	80	6125	102	4000K	80	6425	107	5000K	70	7600	127				
		Type V	3000K	80	6375	106	4000K	80	6600	110	5000K	70	7850	131				
		Type V Wide	3000K	80	6225	104	4000K	80	6500	108	5000K	70	7700	128				
		Type I	1800K	70	4900	82	2200K	70	5550	93	Amber	N/A	4425	74				
		Type III	1800K	70	4750	79	2200K	70	5375	90	Amber	N/A	4275	71				
		Type V	1800K	70	5175	86	2200K	70	5850	98	Amber	N/A	4650	78				
		Type V Wide	1800K	70	5075	85	2200K	70	5750	96	Amber	N/A	4550	76				
IMLGL9	250-350W	Type I	3000K	80	7800	98	4000K	80	8125	102	5000K	70	9700	121				
		Type III	3000K	80	7850	98	4000K	80	8175	102	5000K	70	9775	122				
		Type V	3000K	80	7875	98	4000K	80	8225	103	5000K	70	9825	123				
		Type V Wide	3000K	80	8025	100	4000K	80	8350	104	5000K	70	10025	125				
		Type I	1800K	70	6325	79	2200K	70	7225	90	Amber	N/A	5700	71	Green	N/A	5700	52
		Type III	1800K	70	6325	79	2200K	70	7275	91	Amber	N/A	5700	71	Green	N/A	6025	55
		Type V	1800K	70	6425	80	2200K	70	7375	92	Amber	N/A	5750	72	Green	N/A	5800	53
		Type V Wide	1800K	70	6500	81	2200K	70	7450	93	Amber	N/A	5900	74	Green	N/A	5900	54
IMLGH9	250-350W	Type I	3000K	80	8050	101	4000K	80	8400	105	5000K	70	10100	126				
		Type III	3000K	80	8100	101	4000K	80	8450	106	5000K	70	10100	126				
		Type V	3000K	80	9100	114	4000K	80	9450	118	5000K	70	11350	142				
		Type V Wide	3000K	80	8300	104	4000K	80	8650	108	5000K	70	10400	130				
		Type I	1800K	70	6550	82	2200K	70	7450	93	Amber	N/A	5800	73				
		Type III	1800K	70	6850	86	2200K	70	7800	98	Amber	N/A	6050	76				
		Type V	1800K	70	7350	92	2200K	70	8400	105	Amber	N/A	6550	82				
		Type V Wide	1800K	70	6750	84	2200K	70	7700	96	Amber	N/A	5950	74				
IMLGH1	350-400W	Type I	3000K	80	9400	93	4000K	80	9800	97	5000K	70	12100	120				
		Type III	3000K	80	9450	94	4000K	80	9800	97	5000K	70	12100	120				
		Type V	3000K	80	10600	105	4000K	80	11000	109	5000K	70	12650	125				
		Type V Wide	3000K	80	9700	96	4000K	80	10050	100	5000K	70	12450	123				
		Type I	1800K	70	7550	75	2200K	70	8700	86	Amber	N/A	6800	67				
		Type III	1800K	70	7900	78	2200K	70	9100	90	Amber	N/A	7150	71				
		Type V	1800K	70	8500	84	2200K	70	9800	97	Amber	N/A	7650	76				
		Type V Wide	1800K	70	7750	77	2200K	70	9000	89	Amber	N/A	7000	69				

Industrial Mercmaster™ LED Generation 3 Series Luminaires

Standard

Ordinary Locations

NEC/CEC/NOM Standard Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations | Marine Outside Type (Salt Water)
IECEE CB Standard Model: IP66 | IK08
Notable: American Bureau of Shipping (ABS) Certified | DarkSky Approved (Standard Model Only)

Lumen Output (Efficacy) — Standard Model ①

Model	HID Equivalency	Light Distribution Pattern	CCT ②	CRI ③	Lumen Output	Efficacy (lm/W)	CCT ②	CRI ③	Lumen Output	Efficacy (lm/W)	CCT ②	CRI ③	Lumen Output	Efficacy (lm/W)	CCT ②	CRI ③	Lumen Output	Efficacy (lm/W)
Clear Polycarbonate Globe (continued)																		
IMLGH3	400W	Type I	3000K	80	10400	87	4000K	80	10800	91	5000K	70	13350	112				
		Type III	3000K	80	10450	88	4000K	80	10850	91	5000K	70	13350	112				
		Type V	3000K	80	11700	98	4000K	80	12200	103	5000K	70	15000	126				
		Type V Wide	3000K	80	10700	90	4000K	80	11150	94	5000K	70	13750	116				
		Type I	1800K	70	8300	70	2200K	70	9600	81	Amber	N/A	7350	62	Green	N/A	7350	56
		Type III	1800K	70	8700	73	2200K	70	10050	84	Amber	N/A	7700	65	Green	N/A	7650	58
		Type V	1800K	70	9350	79	2200K	70	10800	91	Amber	N/A	8250	69	Green	N/A	8250	63
		Type V Wide	1800K	70	8550	72	2200K	70	9900	83	Amber	N/A	7550	63	Green	N/A	7550	58
IMLGH6	400-600W	Type I	3000K	80	12750	85	4000K	80	13250	88	5000K	70	16200	108				
		Type III	3000K	80	13350	89	4000K	80	13900	93	5000K	70	16950	113				
		Type V	3000K	80	14350	96	4000K	80	14950	100	5000K	70	18250	122				
		Type V Wide	3000K	80	13150	88	4000K	80	13650	91	5000K	70	16700	111				
		Type I	1800K	70	10250	68	2200K	70	11850	79	Amber	N/A	8950	60				
		Type III	1800K	70	10750	72	2200K	70	12400	83	Amber	N/A	9400	63				
		Type V	1800K	70	11550	77	2200K	70	13350	89	Amber	N/A	10100	67				
		Type V Wide	1800K	70	10550	70	2200K	70	12200	81	Amber	N/A	9250	62				
IMLGX1	600-750W	Type I	3000K	80	14400	85	4000K	80	14900	88	5000K	70	17250	101				
		Type III	3000K	80	14450	85	4000K	80	15000	88	5000K	70	17350	102				
		Type V	3000K	80	16450	97	4000K	80	17050	100	5000K	70	19700	116				
		Type V Wide	3000K	80	14950	88	4000K	80	15500	91	5000K	70	17900	105				
		Type I	1800K	70	11400	67	2200K	70	13350	79	Amber	N/A	9900	58	Green	N/A	8800	44
		Type III	1800K	70	11950	70	2200K	70	14000	82	Amber	N/A	10400	61	Green	N/A	9200	46
		Type V	1800K	70	13050	77	2200K	70	15250	90	Amber	N/A	11300	66	Green	N/A	10050	50
		Type V Wide	1800K	70	11850	70	2200K	70	13850	81	Amber	N/A	10300	61	Green	N/A	9150	45
IMLGX5	1000W	Type I	3000K	80	16300	79	4000K	80	17050	82	5000K	70	20450	99				
		Type III	3000K	80	17150	83	4000K	80	17900	86	5000K	70	21450	104				
		Type V	3000K	80	18650	90	4000K	80	19500	94	5000K	70	23400	113				
		Type V Wide	3000K	80	16950	82	4000K	80	17750	86	5000K	70	21250	103				
		Type I	1800K	70	12850	62	2200K	70	15100	73	Amber	N/A	10800	52				
		Type III	1800K	70	13450	65	2200K	70	15850	77	Amber	N/A	11350	55				
		Type V	1800K	70	14650	71	2200K	70	17300	84	Amber	N/A	12350	60				
		Type V Wide	1800K	70	13350	64	2200K	70	15700	76	Amber	N/A	11250	54				
Diffused Polycarbonate Globe																		
IMLGL3	70-100W	Type I	3000K	80	2950	89	4000K	80	3125	95	5000K	70	3525	107				
		Type III	3000K	80	3000	91	4000K	80	3175	96	5000K	70	3575	108				
		Type V	3000K	80	3175	96	4000K	80	3375	102	5000K	70	3750	114				
		Type V Wide	3000K	80	3050	92	4000K	80	3275	99	5000K	70	3650	111				
		Type I	1800K	70	2425	73	2200K	70	2700	82	Amber	N/A	2175	66				
		Type III	1800K	70	2375	72	2200K	70	2625	80	Amber	N/A	2100	64				
		Type V	1800K	70	2625	80	2200K	70	2900	88	Amber	N/A	2325	70				
		Type V Wide	1800K	70	2525	77	2200K	70	2800	85	Amber	N/A	2275	69				

① All lumen values are typical (tolerance +/-10%).
② CCT (Correlated Color Temperature)
③ CRI (Color Rendering Index)

Industrial Mercmaster™ LED Generation 3 Series Luminaires

Standard

Ordinary Locations

NEC/CEC/NOM Standard Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations | Marine Outside Type (Salt Water)
IECEE CB Standard Model: IP66 | IK08
Notable: American Bureau of Shipping (ABS) Certified | DarkSky Approved (Standard Model Only)

Lumen Output (Efficacy) — Standard Model ①

Model	HID Equivalency	Light Distribution Pattern	CCT ②	CRI ③	Lumen Output	Efficacy (lm/W)	CCT ②	CRI ③	Lumen Output	Efficacy (lm/W)	CCT ②	CRI ③	Lumen Output	Efficacy (lm/W)	CCT ②	CRI ③	Lumen Output	Efficacy (lm/W)
Diffused Polycarbonate Globe (continued)																		
IMLGL5	100-175W	Type I	3000K	80	4425	92	4000K	80	4750	99	5000K	70	5375	112				
		Type III	3000K	80	4525	94	4000K	80	4800	100	5000K	70	5475	114				
		Type V	3000K	80	4750	99	4000K	80	5075	106	5000K	70	5750	120				
		Type V Wide	3000K	80	4550	95	4000K	80	4900	102	5000K	70	5550	116				
		Type I	1800K	70	3650	76	2200K	70	4050	84	Amber	N/A	3275	68	Green	N/A	2850	56
		Type III	1800K	70	3525	73	2200K	70	3900	81	Amber	N/A	3125	65	Green	N/A	3050	60
		Type V	1800K	70	3900	81	2200K	70	4325	90	Amber	N/A	3525	73	Green	N/A	2950	58
		Type V Wide	1800K	70	3750	78	2200K	70	4175	87	Amber	N/A	3375	70	Green	N/A	2950	58
IMLGL7	175-250W	Type I	3000K	80	5900	98	4000K	80	6125	102	5000K	70	7275	121				
		Type III	3000K	80	5975	100	4000K	80	6225	104	5000K	70	7375	123				
		Type V	3000K	80	6275	105	4000K	80	6550	109	5000K	70	7800	130				
		Type V Wide	3000K	80	6075	101	4000K	80	6325	105	5000K	70	7500	125				
		Type I	1800K	70	4800	80	2200K	70	5425	90	Amber	N/A	4325	72				
		Type III	1800K	70	4600	77	2200K	70	5225	87	Amber	N/A	4125	69				
		Type V	1800K	70	5125	85	2200K	70	5800	97	Amber	N/A	4600	77				
		Type V Wide	1800K	70	4950	83	2200K	70	5600	93	Amber	N/A	4475	75				
IMLGL9	250-350W	Type I	3000K	80	7600	95	4000K	80	7875	98	5000K	70	9450	118				
		Type III	3000K	80	7700	96	4000K	80	8025	100	5000K	70	9600	120				
		Type V	3000K	80	7800	98	4000K	80	8125	102	5000K	70	9700	121				
		Type V Wide	3000K	80	7850	98	4000K	80	8175	102	5000K	70	9775	122				
		Type I	1800K	70	6175	77	2200K	70	7025	88	Amber	N/A	5550	69	Green	N/A	5550	50
		Type III	1800K	70	6125	77	2200K	70	7075	88	Amber	N/A	5500	69	Green	N/A	5900	54
		Type V	1800K	70	6325	79	2200K	70	7225	90	Amber	N/A	5700	71	Green	N/A	5700	52
		Type V Wide	1800K	70	6375	80	2200K	70	7275	91	Amber	N/A	5750	72	Green	N/A	5750	52
IMLGH9	250-350W	Type I	3000K	80	7850	98	4000K	80	8200	103	5000K	70	9800	123				
		Type III	3000K	80	7900	99	4000K	80	8200	103	5000K	70	9850	123				
		Type V	3000K	80	8950	112	4000K	80	9300	116	5000K	70	11150	139				
		Type V Wide	3000K	80	8100	101	4000K	80	8450	106	5000K	70	10100	126				
		Type I	1800K	70	6350	79	2200K	70	7250	91	Amber	N/A	5650	71				
		Type III	1800K	70	6650	83	2200K	70	7600	95	Amber	N/A	5900	74				
		Type V	1800K	70	7250	91	2200K	70	8250	103	Amber	N/A	6400	80				
		Type V Wide	1800K	70	6550	82	2200K	70	7500	94	Amber	N/A	5800	73				
IMLGH1	350-400W	Type I	3000K	80	9150	91	4000K	80	9500	94	5000K	70	11750	116				
		Type III	3000K	80	9200	91	4000K	80	9550	95	5000K	70	11800	117				
		Type V	3000K	80	10400	103	4000K	80	10850	107	5000K	70	12450	123				
		Type V Wide	3000K	80	9450	94	4000K	80	9800	97	5000K	70	12100	120				
		Type I	1800K	70	7350	73	2200K	70	8500	84	Amber	N/A	6650	66				
		Type III	1800K	70	7700	76	2200K	70	8900	88	Amber	N/A	6950	69				
		Type V	1800K	70	8350	83	2200K	70	9650	96	Amber	N/A	7550	75				
		Type V Wide	1800K	70	7550	75	2200K	70	8750	87	Amber	N/A	6850	68				
IMLGH3	400W	Type I	3000K	80	10150	85	4000K	80	10550	89	5000K	70	13000	109				
		Type III	3000K	80	10150	85	4000K	80	10600	89	5000K	70	13050	110				
		Type V	3000K	80	11500	97	4000K	80	12000	101	5000K	70	14800	124				
		Type V Wide	3000K	80	10450	88	4000K	80	10850	91	5000K	70	13400	113				
		Type I	1800K	70	8100	68	2200K	70	9350	79	Amber	N/A	7150	60	Green	N/A	7150	55
		Type III	1800K	70	8500	71	2200K	70	9800	82	Amber	N/A	7500	63	Green	N/A	7500	57
		Type V	1800K	70	9200	77	2200K	70	10650	89	Amber	N/A	8150	68	Green	N/A	8100	62
		Type V Wide	1800K	70	8350	70	2200K	70	9650	81	Amber	N/A	7350	62	Green	N/A	7350	56

① All lumen values are typical (tolerance +/-10%). ② CCT (Correlated Color Temperature) ③ CRI (Color Rendering Index)

Industrial Mercmaster™ LED Generation 3 Series Luminaires

Standard

Ordinary Locations

NEC/CEC/NOM Standard Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations | Marine Outside Type (Salt Water)
IECEE CB Standard Model: IP66 | IK08
Notable: American Bureau of Shipping (ABS) Certified | DarkSky Approved (Standard Model Only)

Lumen Output (Efficacy) — Standard Model ①

Model	HID Equivalency	Light Distribution Pattern	CCT ②	CRI ③	Lumen Output	Efficacy (lm/W)	CCT ②	CRI ③	Lumen Output	Efficacy (lm/W)	CCT ②	CRI ③	Lumen Output	Efficacy (lm/W)	CCT ②	CRI ③	Lumen Output	Efficacy (lm/W)
Diffused Polycarbonate Globe (continued)																		
IMLGH6	400-600W	Type I	3000K	80	12400	83	4000K	80	12900	86	5000K	70	15750	105				
		Type III	3000K	80	13000	87	4000K	80	13550	90	5000K	70	16500	110				
		Type V	3000K	80	14150	94	4000K	80	14700	98	5000K	70	17950	120				
		Type V Wide	3000K	80	12800	85	4000K	80	13300	89	5000K	70	16250	108				
		Type I	1800K	70	10000	67	2200K	70	11550	77	Amber	N/A	8750	58				
		Type III	1800K	70	10450	70	2200K	70	12100	81	Amber	N/A	9150	61				
		Type V	1800K	70	11350	76	2200K	70	13100	87	Amber	N/A	9950	66				
		Type V Wide	1800K	70	10300	69	2200K	70	11900	79	Amber	N/A	9000	60				
IMLGX1	600-750W	Type I	3000K	80	14000	82	4000K	80	14500	85	5000K	70	16800	99				
		Type III	3000K	80	14150	83	4000K	80	14650	86	5000K	70	16950	100				
		Type V	3000K	80	16150	95	4000K	80	16700	98	5000K	70	19350	114				
		Type V Wide	3000K	80	14550	86	4000K	80	15100	89	5000K	70	17450	103				
		Type I	1800K	70	11100	65	2200K	70	12950	76	Amber	N/A	9650	57	Green	N/A	8550	42
		Type III	1800K	70	11700	69	2200K	70	13650	80	Amber	N/A	10150	60	Green	N/A	9000	45
		Type V	1800K	70	12800	75	2200K	70	14950	88	Amber	N/A	11100	65	Green	N/A	9850	49
		Type V Wide	1800K	70	11550	68	2200K	70	13500	79	Amber	N/A	10000	59	Green	N/A	8900	44
IMLGX5	1000W	Type I	3000K	80	15900	77	4000K	80	16600	80	5000K	70	19900	96				
		Type III	3000K	80	16750	81	4000K	80	17500	85	5000K	70	20950	101				
		Type V	3000K	80	18300	88	4000K	80	19150	93	5000K	70	22950	111				
		Type V Wide	3000K	80	16500	80	4000K	80	17300	84	5000K	70	20700	100				
		Type I	1800K	70	12500	60	2200K	70	14700	71	Amber	N/A	10550	51				
		Type III	1800K	70	13150	64	2200K	70	15500	75	Amber	N/A	11100	54				
		Type V	1800K	70	14400	70	2200K	70	16950	82	Amber	N/A	12150	59				
		Type V Wide	1800K	70	13000	63	2200K	70	15300	74	Amber	N/A	10950	53				
Clear Glass Globe																		
IMLGL3	70-100W	Type I	3000K	80	3175	96	4000K	80	3375	102	5000K	70	3800	115				
		Type III	3000K	80	3225	98	4000K	80	3475	105	5000K	70	3850	117				
		Type V	3000K	80	3325	101	4000K	80	3575	108	5000K	70	4000	121				
		Type V Wide	3000K	80	3275	99	4000K	80	3525	107	5000K	70	3900	118				
		Type I	1800K	70	2625	80	2200K	70	2900	88	Amber	N/A	2375	72				
		Type III	1800K	70	2575	78	2200K	70	2800	85	Amber	N/A	2275	69				
		Type V	1800K	70	2750	83	2200K	70	3050	92	Amber	N/A	2475	75				
		Type V Wide	1800K	70	2700	82	2200K	70	3000	91	Amber	N/A	2425	73				
IMLGL5	100-175W	Type I	3000K	80	4800	100	4000K	80	5075	106	5000K	70	5800	121				
		Type III	3000K	80	4900	102	4000K	80	5225	109	5000K	70	5900	123				
		Type V	3000K	80	5000	104	4000K	80	5325	111	5000K	70	6075	127				
		Type V Wide	3000K	80	4950	103	4000K	80	5275	110	5000K	70	5975	124				
		Type I	1800K	70	3900	81	2200K	70	4375	91	Amber	N/A	3525	73	Green	N/A	3100	61
		Type III	1800K	70	3800	79	2200K	70	4225	88	Amber	N/A	3425	71	Green	N/A	3275	64
		Type V	1800K	70	4075	85	2200K	70	4550	95	Amber	N/A	3700	77	Green	N/A	3100	61
		Type V Wide	1800K	70	4050	84	2200K	70	4525	94	Amber	N/A	3650	76	Green	N/A	3175	62

① All lumen values are typical (tolerance +/-10%).
② CCT (Correlated Color Temperature)
③ CRI (Color Rendering Index)

Industrial Mercmaster™ LED Generation 3 Series Luminaires

With Emergency Battery Backup

Ordinary Locations

NEC/CEC/NOM Standard Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations | Marine Outside Type (Salt Water)
IECEE CB Standard Model: IP66 | IK08
Notable: American Bureau of Shipping (ABS) Certified | DarkSky Approved (Standard Model Only)

Lumen Output (Efficacy) — Standard Model ①

Model	HID Equivalency	Light Distribution Pattern	CCT ②	CRI ③	Lumen Output	Efficacy (lm/W)	CCT ②	CRI ③	Lumen Output	Efficacy (lm/W)	CCT ②	CRI ③	Lumen Output	Efficacy (lm/W)	CCT ②	CRI ③	Lumen Output	Efficacy (lm/W)
Clear Glass Globe (continued)																		
IMLGL7	175-250W	Type I	3000K	80	6325	105	4000K	80	6600	110	5000K	70	7850	131				
		Type III	3000K	80	6450	108	4000K	80	6750	113	5000K	70	7975	133				
		Type V	3000K	80	6600	110	4000K	80	6900	115	5000K	70	8225	137				
		Type V Wide	3000K	80	6500	108	4000K	80	6800	113	5000K	70	8075	135				
		Type I	1800K	70	5175	86	2200K	70	5850	98	Amber	N/A	4650	78				
		Type III	1800K	70	5000	83	2200K	70	5650	94	Amber	N/A	4525	75				
		Type V	1800K	70	5425	90	2200K	70	6125	102	Amber	N/A	4850	81				
		Type V Wide	1800K	70	5325	89	2200K	70	6025	100	Amber	N/A	4800	80				
IMLGL9	250-350W	Type I	3000K	80	8175	102	4000K	80	8500	106	5000K	70	10175	127				
		Type III	3000K	80	8175	102	4000K	80	8500	106	5000K	70	10175	127				
		Type V	3000K	80	8225	103	4000K	80	8550	107	5000K	70	10250	128				
		Type V Wide	3000K	80	8450	106	4000K	80	8800	110	5000K	70	10500	131				
		Type I	1800K	70	6650	83	2200K	70	7550	94	Amber	N/A	5975	75	Green	N/A	5975	54
		Type III	1800K	70	6650	83	2200K	70	7600	95	Amber	N/A	5975	75	Green	N/A	6375	58
		Type V	1800K	70	6700	84	2200K	70	7600	95	Amber	N/A	6025	75	Green	N/A	6025	55
		Type V Wide	1800K	70	6850	86	2200K	70	7800	98	Amber	N/A	6175	77	Green	N/A	6175	56
IMLGH9	250-350W	Type I	3000K	80	8450	106	4000K	80	8850	111	5000K	70	10600	133				
		Type III	3000K	80	8500	106	4000K	80	8850	111	5000K	70	10600	133				
		Type V	3000K	80	9500	119	4000K	80	9900	124	5000K	70	11900	149				
		Type V Wide	3000K	80	8700	109	4000K	80	9050	113	5000K	70	10900	136				
		Type I	1800K	70	6850	86	2200K	70	7850	98	Amber	N/A	6100	76				
		Type III	1800K	70	7200	90	2200K	70	8200	103	Amber	N/A	6400	80				
		Type V	1800K	70	7700	96	2200K	70	8800	110	Amber	N/A	6850	86				
		Type V Wide	1800K	70	7050	88	2200K	70	8050	101	Amber	N/A	6250	78				
IMLGH1	350-400W	Type I	3000K	80	9900	98	4000K	80	10250	101	5000K	70	12700	126				
		Type III	3000K	80	9900	98	4000K	80	10300	102	5000K	70	12700	126				
		Type V	3000K	80	11100	110	4000K	80	11500	114	5000K	70	13200	131				
		Type V Wide	3000K	80	10150	100	4000K	80	10550	104	5000K	70	13050	129				
		Type I	1800K	70	7900	78	2200K	70	9150	91	Amber	N/A	7150	71				
		Type III	1800K	70	8300	82	2200K	70	9600	95	Amber	N/A	7500	74				
		Type V	1800K	70	8900	88	2200K	70	10250	101	Amber	N/A	8000	79				
		Type V Wide	1800K	70	8150	81	2200K	70	9400	93	Amber	N/A	7350	73				
IMLGH3	400W	Type I	3000K	80	10900	92	4000K	80	11350	95	5000K	70	14000	118				
		Type III	3000K	80	10950	92	4000K	80	11400	96	5000K	70	14050	118				
		Type V	3000K	80	12250	103	4000K	80	12750	107	5000K	70	15700	132				
		Type V Wide	3000K	80	11250	95	4000K	80	11700	98	5000K	70	14400	121				
		Type I	1800K	70	8750	74	2200K	70	10100	85	Amber	N/A	7700	65	Green	N/A	7700	59
		Type III	1800K	70	9150	77	2200K	70	10550	89	Amber	N/A	8100	68	Green	N/A	8050	61
		Type V	1800K	70	9800	82	2200K	70	11300	95	Amber	N/A	8650	73	Green	N/A	8650	66
		Type V Wide	1800K	70	9000	76	2200K	70	10350	87	Amber	N/A	7950	67	Green	N/A	7900	60
IMLGH6	400-600W	Type I	3000K	80	13400	89	4000K	80	13950	93	5000K	70	17000	113				
		Type III	3000K	80	14050	94	4000K	80	14600	97	5000K	70	17800	119				
		Type V	3000K	80	15050	100	4000K	80	15650	104	5000K	70	19100	127				
		Type V Wide	3000K	80	13750	92	4000K	80	14300	95	5000K	70	17500	117				
		Type I	1800K	70	10750	72	2200K	70	12450	83	Amber	N/A	9400	63				
		Type III	1800K	70	11300	75	2200K	70	13050	87	Amber	N/A	9850	66				
		Type V	1800K	70	12100	81	2200K	70	13950	93	Amber	N/A	10550	70				
		Type V Wide	1800K	70	11050	74	2200K	70	12800	85	Amber	N/A	9700	65				

① All lumen values are typical (tolerance +/-10%). ② CCT (Correlated Color Temperature) ③ CRI (Color Rendering Index)

Industrial Mercmaster™ LED Generation 3 Series Luminaires

With Emergency Battery Backup

Ordinary Locations

NEC/CEC/NOM Standard Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations | Marine Outside Type (Salt Water)
IECEE CB Standard Model: IP66 | IK08
Notable: American Bureau of Shipping (ABS) Certified | DarkSky Approved (Standard Model Only)

Lumen Output (Efficacy) — Standard Model ①

Model	HID Equivalency	Light Distribution Pattern	CCT ②	CRI ③	Lumen Output	Efficacy (lm/W)	CCT ②	CRI ③	Lumen Output	Efficacy (lm/W)	CCT ②	CRI ③	Lumen Output	Efficacy (lm/W)	CCT ②	CRI ③	Lumen Output	Efficacy (lm/W)
Clear Glass Globe (continued)																		
IMLGX1	600-750W	Type I	3000K	80	14700	86	4000K	80	15200	89	5000K	70	17600	104				
		Type III	3000K	80	15200	89	4000K	80	15700	92	5000K	70	18200	107				
		Type V	3000K	80	17400	102	4000K	80	18000	106	5000K	70	21000	124				
		Type V Wide	3000K	80	15650	92	4000K	80	16200	95	5000K	70	18750	110				
		Type I	1800K	70	11650	69	2200K	70	13600	80	Amber	N/A	10100	59	Green	N/A	8950	44
		Type III	1800K	70	12550	74	2200K	70	14700	86	Amber	N/A	10900	64	Green	N/A	9700	48
		Type V	1800K	70	13750	81	2200K	70	16100	95	Amber	N/A	11950	70	Green	N/A	10600	52
		Type V Wide	1800K	70	12400	73	2200K	70	14500	85	Amber	N/A	10750	63	Green	N/A	9550	47
IMLGX5	1000W	Type I	3000K	80	16650	80	4000K	80	17450	84	5000K	70	20900	101				
		Type III	3000K	80	17950	87	4000K	80	18800	91	5000K	70	22550	109				
		Type V	3000K	80	19700	95	4000K	80	20650	100	5000K	70	25000	121				
		Type V Wide	3000K	80	17750	86	4000K	80	18550	90	5000K	70	22250	107				
		Type I	1800K	70	13100	63	2200K	70	15450	75	Amber	N/A	11050	53				
		Type III	1800K	70	14150	68	2200K	70	16650	80	Amber	N/A	11900	57				
		Type V	1800K	70	15500	75	2200K	70	18250	88	Amber	N/A	13050	63				
		Type V Wide	1800K	70	13950	67	2200K	70	16450	79	Amber	N/A	11750	57				
IMLGX8	>1000W	Type I	5000K	70	23200	85												
		Type III	5000K	70	25050	92												
		Type V	5000K	70	28000	103												
		Type V Wide	5000K	70	24750	91												
Prismatic Refractor																		
IMLGL3	70-100W	Type V	3000K	80	3225	98	4000K	80	3425	104	5000K	70	3800	115				
			1800K	70	2650	80	2200K	70	2950	89	Amber	N/A	2375	72				
IMLGL5	100-175W	Type V	3000K	80	4800	100	4000K	80	5125	107	5000K	70	5850	122				
			1800K	70	3950	82	2200K	70	4425	92	Amber	N/A	3575	74	Green	N/A	3000	59
IMLGL7	175-250W	Type V	3000K	80	6375	106	4000K	80	6650	111	5000K	70	7875	131				
			1800K	70	5175	86	2200K	70	5900	98	Amber	N/A	4650	78				
IMLGL9	250-350W	Type V	3000K	80	7925	99	4000K	80	8225	103	5000K	70	9875	123				
			1800K	70	6425	80	2200K	70	7325	92	Amber	N/A	5800	73	Green	N/A	5800	53
IMLGH9	250-350W	Type V	3000K	80	8850	111	4000K	80	9200	115	5000K	70	11050	138				
			1800K	70	7150	89	2200K	70	8200	103	Amber	N/A	6350	79				
IMLGH1	350-400W	Type V	3000K	80	10300	102	4000K	80	10700	106	5000K	70	13250	131				
			1800K	70	8250	82	2200K	70	9550	95	Amber	N/A	7450	74				
IMLGH3	400W	Type V	3000K	80	11400	96	4000K	80	11850	100	5000K	70	14600	123				
			1800K	70	9100	76	2200K	70	10550	89	Amber	N/A	8050	68	Green	N/A	8050	61
IMLGH6	400-600W	Type V	3000K	80	14000	93	4000K	80	14550	97	5000K	70	17750	118				
			1800K	70	11250	75	2200K	70	13000	87	Amber	N/A	9800	65				
IMLGX1	600-750W	Type V	3000K	80	17150	101	4000K	80	17750	104	5000K	70	20350	120				
			1800K	70	13600	80	2200K	70	15900	94	Amber	N/A	11800	69	Green	N/A	10700	53
IMLGX5	1000W	Type V	3000K	80	19450	94	4000K	80	20350	98	5000K	70	24350	118				
			1800K	70	15300	74	2200K	70	18000	87	Amber	N/A	12900	62				
IMLGX8	>1000W	Type V	5000K	70	27100	99												

① All lumen values are typical (tolerance +/-10%).
② CCT (Correlated Color Temperature)
③ CRI (Color Rendering Index)

Industrial Mercmaster™ LED Generation 3 Series Luminaires

With Emergency Battery Backup

Ordinary Locations

NEC/CEC Emergency Battery Backup Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations
Notable: American Bureau of Shipping (ABS) Certified

Lumen Output (Efficacy) — Emergency Battery Backup Model ①

Model	HID Equivalency	Light Distribution Pattern	CCT ②	CRI ③	Lumen Output	Efficacy (lm/W)	CCT ②	CRI ③	Lumen Output	Efficacy (lm/W)	CCT ②	CRI ③	Lumen Output	Efficacy (lm/W)
Clear Polycarbonate Globe														
IMLGL3	70-100W	Type I	3000K	80	2600	87	4000K	80	3000	100	5000K	70	3200	107
		Type III	3000K	80	2800	93	4000K	80	3000	100	5000K	70	3500	117
		Type V	3000K	80	3000	100	4000K	80	3300	110	5000K	70	3800	127
		Type V Wide	3000K	80	2900	96	4000K	80	2900	97	5000K	70	3600	119
IMLGL3 — 90 Minute Emergency Mode	70-100W	Type I	3000K	80	1150	N/A	4000K	80	1280	N/A	5000K	70	1400	N/A
		Type III	3000K	80	1150	N/A	4000K	80	1280	N/A	5000K	70	1400	N/A
		Type V	3000K	80	1150	N/A	4000K	80	1280	N/A	5000K	70	1400	N/A
		Type V Wide	3000K	80	1150	N/A	4000K	80	1280	N/A	5000K	70	1400	N/A
IMLGL5	100-175W	Type I	3000K	80	3800	83	4000K	80	4200	91	5000K	70	4800	104
		Type III	3000K	80	4100	89	4000K	80	4600	100	5000K	70	5200	113
		Type V	3000K	80	4500	98	4000K	80	5000	109	5000K	70	5700	124
		Type V Wide	3000K	80	4400	94	4000K	80	4800	105	5000K	70	6000	129
IMLGL5 — 90 Minute Emergency Mode	100-175W	Type I	3000K	80	1150	N/A	4000K	80	1280	N/A	5000K	70	1400	N/A
		Type III	3000K	80	1150	N/A	4000K	80	1280	N/A	5000K	70	1400	N/A
		Type V	3000K	80	1150	N/A	4000K	80	1280	N/A	5000K	70	1400	N/A
		Type V Wide	3000K	80	1150	N/A	4000K	80	1280	N/A	5000K	70	1400	N/A
IMLG7	175-250W	Type I	3000K	80	5425	83	4000K	80	5800	89	5000K	70	6600	102
		Type III	3000K	80	5525	85	4000K	80	5900	91	5000K	70	6725	103
		Type V	3000K	80	5725	88	4000K	80	6100	94	5000K	70	6950	107
		Type V Wide	3000K	80	5600	86	4000K	80	5975	92	5000K	70	6800	105
IMLG7 — 90 Minute Emergency Mode	175-250W	Type I	3000K	80	1150	N/A	4000K	80	1250	N/A	5000K	70	1450	N/A
		Type III	3000K	80	1175	N/A	4000K	80	1275	N/A	5000K	70	1475	N/A
		Type V	3000K	80	1175	N/A	4000K	80	1275	N/A	5000K	70	1525	N/A
		Type V Wide	3000K	80	1200	N/A	4000K	80	1300	N/A	5000K	70	1500	N/A
Diffused Polycarbonate Globe														
IMLGL3	70-100W	Type I	3000K	80	2700	87	4000K	80	2900	95	5000K	70	3200	108
		Type III	3000K	80	2800	92	4000K	80	3000	101	5000K	70	3300	112
		Type V	3000K	80	2900	97	4000K	80	3200	107	5000K	70	3700	123
		Type V Wide	3000K	80	2800	91	4000K	80	3000	101	5000K	70	3400	113
IMLGL3 — 90 Minute Emergency Mode	70-100W	Type I	3000K	80	1100	N/A	4000K	80	1230	N/A	5000K	70	1350	N/A
		Type III	3000K	80	1100	N/A	4000K	80	1230	N/A	5000K	70	1350	N/A
		Type V	3000K	80	1100	N/A	4000K	80	1230	N/A	5000K	70	1350	N/A
		Type V Wide	3000K	80	1100	N/A	4000K	80	1230	N/A	5000K	70	1350	N/A
IMLGL5	100-175W	Type I	3000K	80	4000	85	4000K	80	4400	94	5000K	70	4900	107
		Type III	3000K	80	4200	91	4000K	80	6400	100	5000K	70	5100	110
		Type V	3000K	80	4400	96	4000K	80	4800	104	5000K	70	5500	120
		Type V Wide	3000K	80	4200	90	4000K	80	4600	100	5000K	70	5100	110
IMLGL5 — 90 Minute Emergency Mode	100-175W	Type I	3000K	80	1100	N/A	4000K	80	1230	N/A	5000K	70	1350	N/A
		Type III	3000K	80	1100	N/A	4000K	80	1230	N/A	5000K	70	1350	N/A
		Type V	3000K	80	1100	N/A	4000K	80	1230	N/A	5000K	70	1350	N/A
		Type V Wide	3000K	80	1100	N/A	4000K	80	1230	N/A	5000K	70	1350	N/A

① All lumen values are typical (tolerance +/-10%).
② CCT (Correlated Color Temperature)
③ CRI (Color Rendering Index)

Industrial Mercmaster™ LED Generation 3 Series Luminaires

With Emergency Battery Backup

Ordinary Locations

NEC/CEC Emergency Battery Backup Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations
Notable: American Bureau of Shipping (ABS) Certified

Lumen Output (Efficacy) — Emergency Battery Backup Model ①

Model	HID Equivalency	Light Distribution Pattern	CCT ②	CRI ③	Lumen Output	Efficacy (lm/W)	CCT ②	CRI ③	Lumen Output	Efficacy (lm/W)	CCT ②	CRI ③	Lumen Output	Efficacy (lm/W)
Diffused Polycarbonate Globe (Continued)														
IMLG7	175-250W	Type I	3000K	80	5300	82	4000K	80	5650	87	5000K	70	6425	99
		Type III	3000K	80	5375	83	4000K	80	5725	88	5000K	70	6525	100
		Type V	3000K	80	5650	87	4000K	80	6025	93	5000K	70	6875	106
		Type V Wide	3000K	80	5475	84	4000K	80	5850	90	5000K	70	6650	102
IMLG7 — 90 Minute Emergency Mode	175-250W	Type I	3000K	80	1125	N/A	4000K	80	1225	N/A	5000K	70	1425	N/A
		Type III	3000K	80	1150	N/A	4000K	80	1250	N/A	5000K	70	1450	N/A
		Type V	3000K	80	1150	N/A	4000K	80	1225	N/A	5000K	70	1500	N/A
		Type V Wide	3000K	80	1175	N/A	4000K	80	1275	N/A	5000K	70	1475	N/A
Clear Glass Globe														
IMLGL3	70-100W	Type I	3000K	80	2800	93	4000K	80	3100	103	5000K	70	3500	111
		Type III	3000K	80	3100	102	4000K	80	3200	107	5000K	70	3700	116
		Type V	3000K	80	3100	102	4000K	80	3600	120	5000K	70	4000	133
		Type V Wide	3000K	80	3100	101	4000K	80	3200	107	5000K	70	3600	120
IMLGL3 — 90 Minute Emergency Mode	70-100W	Type I	3000K	80	1200	N/A	4000K	80	1330	N/A	5000K	70	1450	N/A
		Type III	3000K	80	1200	N/A	4000K	80	1330	N/A	5000K	70	1450	N/A
		Type V	3000K	80	1200	N/A	4000K	80	1330	N/A	5000K	70	1450	N/A
		Type V Wide	3000K	80	1200	N/A	4000K	80	1330	N/A	5000K	70	1350	N/A
IMLGL5	100-175W	Type I	3000K	80	4200	91	4000K	80	5000	106	5000K	70	5300	115
		Type III	3000K	80	4400	95	4000K	80	5200	110	5000K	70	5400	117
		Type V	3000K	80	4800	104	4000K	80	5300	113	5000K	70	6000	130
		Type V Wide	3000K	80	4900	99	4000K	80	5200	110	5000K	70	5400	117
IMLGL5 — 90 Minute Emergency Mode	100-175W	Type I	3000K	80	1200	N/A	4000K	80	1330	N/A	5000K	70	1450	N/A
		Type III	3000K	80	1200	N/A	4000K	80	1330	N/A	5000K	70	1450	N/A
		Type V	3000K	80	1200	N/A	4000K	80	1330	N/A	5000K	70	1450	N/A
		Type V Wide	3000K	80	1200	N/A	4000K	80	1330	N/A	5000K	70	1350	N/A
IMLG7	175-250W	Type I	3000K	80	5700	88	4000K	80	6075	93	5000K	70	6925	107
		Type III	3000K	80	5825	90	4000K	80	6200	95	5000K	70	7075	109
		Type V	3000K	80	5975	92	4000K	80	6375	98	5000K	70	7250	112
		Type V Wide	3000K	80	5875	90	4000K	80	6075	93	5000K	70	7150	110
IMLG7 - 90 Minute Emergency Mode	175-250W	Type I	3000K	80	1225	N/A	4000K	80	1325	N/A	5000K	70	1500	N/A
		Type III	3000K	80	1250	N/A	4000K	80	1350	N/A	5000K	70	1525	N/A
		Type V	3000K	80	1275	N/A	4000K	80	1375	N/A	5000K	70	1600	N/A
		Type V Wide	3000K	80	1275	N/A	4000K	80	1350	N/A	5000K	70	1550	N/A

① All lumen values are typical (tolerance +/-10%).
② CCT (Correlated Color Temperature)
③ CRI (Color Rendering Index)

Industrial Mercmaster™ LED Generation 3 Series Luminaires

Standard

Ordinary Locations

NEC/CEC/NOM Standard Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations | Marine Outside Type (Salt Water)
IECEE CB Standard Model: IP66 | IK08
Notable: American Bureau of Shipping (ABS) Certified | DarkSky Approved (Standard Model Only)

Electrical Specifications — Standard Model ①

Model	CCT	Operating Temperature	Voltage	Input Power	Input Current (Amp)	Power Factor	Total Harmonic Distortion (THD)
IMLGL3	All	-50 to +75 °C	100 Vac	33	0.33	> 0.9	< 20%
			277 Vac	33	0.12		
			125 Vdc	33	0.27	N/A	NA
			300 Vdc	33	0.11		
		-40 to +75 °C	347 Vac	33	0.10	> 0.9	< 20%
			480 Vac	33	0.07		
		-50 to +75 °C	24 Vdc	28	1.15	N/A	N/A
			48 Vdc	28	0.57		
IMLGL5	5000K, 4000K, 3000K, 2200K, 1800K, Amber	-50 to +75 °C	100 Vac	48	0.48	> 0.9	< 20%
			277 Vac	48	0.18		
			125 Vdc	48	0.38	N/A	NA
			300 Vdc	48	0.16		
	Green	-50 to +65 °C	100 Vac	51	0.51	> 0.9	< 20%
			277 Vac	51	0.18		
			125 Vdc	51	0.40	N/A	NA
			300 Vdc	51	0.17		
	5000K, 4000K, 3000K, 2200K, 1800K, Amber	-40 to +75 °C	347 Vac	48	0.14	> 0.9	< 20%
			480 Vac	48	0.10		
	Green	-40 to +65 °C	347 Vac	49	0.14	> 0.9	< 20%
			480 Vac	49	0.11		
	5000K, 4000K, 3000K, 2200K, 1800K, Amber	-50 to +75 °C	24 Vdc	45	1.86	N/A	N/A
			48 Vdc	45	0.89		
	Green	-50 to +65 °C	24 Vdc	46	1.90	N/A	N/A
			48 Vdc	46	0.91		
IMLGL7	All	-50 to +75 °C	120 Vac	60	0.60	> 0.9	< 20%
			277 Vac	60	0.24		
			125 Vdc	60	0.47	N/A	NA
			300 Vdc	60	0.19		
		-40 to +75 °C	100 Vac	60	0.60	> 0.9	< 20%
			277 Vac	60	0.24		
			125 Vdc	60	0.47	N/A	NA
			300 Vdc	60	0.19		
		-40 to +75 °C	347 Vac	61	0.18	> 0.9	< 20%
			480 Vac	61	0.14		
		-50 to +75 °C	24 Vdc	49	2.30	N/A	N/A
			48 Vdc	49	1.09		
IMLGL9	5000K, 4000K, 3000K, 2200K, 1800K, Amber	-50 to +70 °C	120 Vac	80	0.80	> 0.9	< 20%
			277 Vac	80	0.31		
			125 Vdc	80	0.63	N/A	NA
			300 Vdc	80	0.26		
	Green	-50 to +65 °C	120 Vac	110	1.08	> 0.9	< 20%
			277 Vac	110	0.40		
			125 Vdc	110	0.87	N/A	NA
			300 Vdc	110	0.35		
	5000K, 4000K, 3000K, 2200K, 1800K, Amber	-40 to +70 °C	100 Vac	80	0.80	> 0.9	< 20%
			277 Vac	80	0.31		
			125 Vdc	80	0.63	N/A	NA
			300 Vdc	80	0.26		
	Green	-40 to +70 °C	100 Vac	110	1.08	> 0.9	< 20%
			277 Vac	110	0.40		
			125 Vdc	110	0.87	N/A	NA
			300 Vdc	110	0.35		
	5000K, 4000K, 3000K, 2200K, 1800K, Amber	-40 to +70 °C	347 Vac	79	0.23	> 0.9	< 20%
			480 Vac	79	0.17		
	Green	-40 to +70 °C	347 Vac	106	0.31	> 0.9	< 20%
			480 Vac	106	0.23		

① All values are typical (tolerance +/-10%).
② The operating temperature is a range and may include cold temperature, standard as well as high ambient models. Refer to the Temperature Codes tables for more details..

Industrial Mercmaster™ LED Generation 3 Series Luminaires

With Emergency Battery Backup

Ordinary Locations

NEC/CEC/NOM Standard Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations | Marine Outside Type (Salt Water)
IECEE CB Standard Model: IP66 | IK08
Notable: American Bureau of Shipping (ABS) Certified | DarkSky Approved (Standard Model Only)

Electrical Specifications — Standard Model ①

Model	CCT	Operating Temperature	Voltage	Input Power	Input Current (Amp)	Power Factor	Total Harmonic Distortion (THD)
IMLGH1	All	-50 to 70 °C	120 Vac	101	1.01	> 0.9	< 20%
			277 Vac	101	0.36		
			125 Vdc	101	0.79	N/A	NA
			300 Vdc	101	0.32		
		-40 to 70 °C	100 Vac	101	1.01	> 0.9	< 20%
			277 Vac	101	0.36		
			125 Vdc	101	0.79	N/A	NA
			300 Vdc	101	0.32		
		-40 to 70 °C	347 Vac	96	0.28	> 0.9	< 20%
			480 Vac	96	0.21		
IMLGH3	5000K, 4000K, 3000K, 2200K, 1800K, Amber	-50 to 65°C	120 Vac	119	1.19	> 0.9	< 20%
			277 Vac	119	0.44		
			125 Vdc	119	0.94	N/A	NA
			300 Vdc	119	0.38		
	Green	-50 to 60°C	120 Vac	131	1.31	> 0.9	< 20%
			277 Vac	131	0.48		
			125 Vdc	131	1.05	N/A	NA
			300 Vdc	131	0.42		
	5000K, 4000K, 3000K, 2200K, 1800K, Amber	-40 to 65°C	100 Vac	119	1.19	> 0.9	< 20%
			277 Vac	119	0.44		
			125 Vdc	119	0.94	N/A	NA
			300 Vdc	119	0.38		
	Green	-40 to 60°C	100 Vac	131	1.31	> 0.9	< 20%
			277 Vac	131	0.48		
			125 Vdc	131	1.05	N/A	NA
			300 Vdc	131	0.42		
	5000K, 4000K, 3000K, 2200K, 1800K, Amber	-40 to 65°C	347 Vac	116	0.34	> 0.9	< 20%
			480 Vac	116	0.25		
	Green	-40 to 60°C	347 Vac	126	0.36	> 0.9	< 20%
			480 Vac	126	0.27		
IMLGH6	All	-50 to +65 °C	120 Vac	150	1.50	> 0.9	< 20%
			277 Vac	150	0.54		
			125 Vdc	150	1.19	N/A	NA
			300 Vdc	150	0.48		
		-40 to +65 °C	100 Vac	150	1.50	> 0.9	< 20%
			277 Vac	150	0.54		
			125 Vdc	150	1.19	N/A	NA
			300 Vdc	150	0.48		
		-40 to +65 °C	347 Vac	145	0.42	> 0.9	< 20%
			480 Vac	145	0.31		

① All values are typical (tolerance +/-10%).
② The operating temperature is a range and may include cold temperature, standard as well as high ambient models. Refer to the Temperature Codes tables for more details..

Industrial Mercmaster™ LED Generation 3 Series Luminaires

With Emergency Battery Backup

Ordinary Locations

NEC/CEC/NOM Standard Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations | Marine Outside Type (Salt Water)
IECEE CB Standard Model: IP66 | IK08
Notable: American Bureau of Shipping (ABS) Certified | DarkSky Approved (Standard Model Only)

Electrical Specifications — Standard Model ①

Model	CCT	Operating Temperature	Voltage	Input Power	Input Current (Amp)	Power Factor	Total Harmonic Distortion (THD)
IMLGX1	5000K, 4000K, 3000K, 2200K, 1800K, Amber	-40 to +60 °C	120 Vac	170	1.43	> 0.9	< 20%
			277 Vac	170	0.66		
			125 Vdc	170	1.36	N/A	NA
			300 Vdc	170	0.55		
	Green	-40 to +60 °C	120 Vac	202	1.70	> 0.9	< 20%
			277 Vac	202	0.76		
			125 Vdc	202	1.61	N/A	NA
			300 Vdc	202	0.65		
	5000K, 4000K, 3000K, 2200K, 1800K, Amber	-40 to +60 °C	347 Vac	167	0.50	> 0.9	< 20%
			480 Vac	167	0.39		
	Green	-40 to +60 °C	347 Vac	198	0.58	> 0.9	< 20%
			480 Vac	198	0.45		
IMLGX5	All	-40 to +55 °C	120 Vac	207	1.74	> 0.9	< 20%
			277 Vac	207	0.78		
			125 Vdc	207	1.65	N/A	NA
			300 Vdc	207	0.66		
			347 Vac	200	0.59	> 0.9	< 20%
			480 Vac	200	0.45		
IMLGX8	5000K	-40 to +50 °C	100 Vac	273	2.74	> 0.9	< 20%
			277 Vac	273	0.99		
			125 Vdc	273	2.13	N/A	NA
			300 Vdc	273	0.86		

① All values are typical (tolerance +/-10%).
② The operating temperature is a range and may include cold temperature, standard as well as high ambient models. Refer to the Temperature Codes tables for more details..

Industrial Mercmaster™ LED Generation 3 Series Luminaires

With Emergency Battery Backup

Ordinary Locations

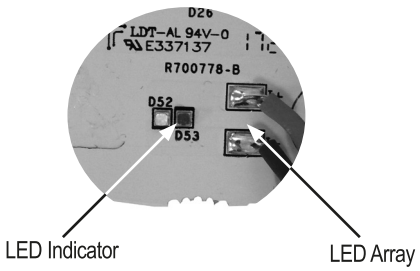
NEC/CEC Emergency Battery Backup Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations
Notable: American Bureau of Shipping (ABS) Certified

Electrical Specifications — Emergency Battery Backup Model ①

Model	Driver Type	Driver Voltage	Voltage	Max Input Power (Watts)	Max Input Current (Amp)	Power Factor (PF)	Total Harmonic Distortion (THD)
IMLGL3	BU	50W	120 Vac	37	0.32	> 0.9	< 20%
			277 Vac	37	0.15		
IMLGL5	BU	50W	120 Vac	54	0.46	> 0.9	< 20%
			277 Vac	54	0.21		
IMLGL7	BU	50W	120 Vac	65	0.54	> 0.9	< 20%
			277 Vac	65	0.24		

Automatic Testing System (ATS) — Emergency Battery Backup Model — Functionality

Functional	Full Duration
Starts within 24 to 45 hours after the initial powerup of the module	Starts within 5 to 26 days after the initial power of the module
Occurs every 14 days after the initial aforementioned functional test	Occurs every 364 days after the initial aforementioned functional test
Lasts for 30 seconds	Lasts for the full duration of the rated emergency period
At the completion of functional and full duration tests, LED indicator will display the status of the emergency luminaire when AC is present	



LED Signals

Indicator Color	Timing	Description
Green	1 sec ON: 1 sec OFF	Normal charging ok, Battery not yet fully charged, No fault detected, Testing ok
Green	0.25 sec ON: 0.25 sec OFF	Functional / Duration Self-Test on-going
Green	Steady ON	Charging ok, Battery fully charged, No fault detected, Testing ok
Red	1 sec ON: 1 sec OFF	Fault condition. Installation issue. Battery is reverse, not connected or shorted. Functional test failure, full duration test failure
LED Indicators OFF, LED Array ON	LED Indicator Lights (Red and Green) OFF	No AC, Emergency mode ON

① *All values are typical (tolerance +/-10%).*

Industrial Mercmaster™ LED Generation 3 Series Luminaires

Standard or with Emergency Battery Backup

Ordinary Locations

NEC/CEC/NOM Standard Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations | Marine Outside Type (Salt Water)
NEC/CEC Emergency Battery Backup Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations
IECEE CB Standard Model: IP66 | IK08
Notable: American Bureau of Shipping (ABS) Certified | DarkSky Approved (Standard Model Only)

NEC/CEC Ambient Temperature — Standard Models

Model ①	Globe	Maximum Ambient Temperature °C (°F)
IMLGL3	All	65 (149)
IMLGL3*A	G, J	75 (167)
IMLGL5	All	65 (149)
IMLGL5-A	G, J	75 (167)
IMLGL7	All	65 (149)
IMLGL7-A	G, J	75 (167)
IMLGL9	All	65 (149)
IMLGL9-A	G, J	70 (158)
IMLGH9-A	All	70 (158)
IMLGH1	All	65 (149)
IMLGH1-A	G, J	70 (158)
IMLGH3	P, D	60 (140)
IMLGH3	G, J	65 (149)
IMLGH3-A	G, J	70 (158)
IMLGH3-V	All	60 (140)
IMLGH6	P, D	55 (131)
IMLGH6	G, J	65 (149)
IMLGX1	P, D	55 (131)
IMLGX1	G, J	60 (140)
IMLGX1-V	All	50 (122)
IMLGX5	P, D	45 (113)
IMLGX5	G, J	55 (131)
IMLGX8	G, J	45 (113)

IECCC Ambient Temperature — All Models

Model ①	Globe	Maximum Ambient Temperature °C (°F)
IMLGL3	All	65 (149)
IMLGL3-A	G, J	75 (167)
IMLGL5	All	65 (149)
IMLGL5-A	G, J	75 (167)
IMLGL7	All	65 (149)
IMLGL7-A	G, J	75 (167)
IMLGL9	All	65 (149)
IMLGH9-A	G, J	70 (158)
IMLGH1	All	65 (149)
IMLGH1-A	G, J	70 (158)
IMLGH3	G, J	65 (149)
IMLGH6	G, J	65 (149)
IMLGX1	G, J	60 (140)
IMLGX5	G, J	55 (131)

NEC/CEC Ambient Temperature — Emergency Model

Model ①	Maximum Ambient Temperature °C (°F)
IMLGL3	55 (131)
IMLGL5	55 (131)
IMLGL7	55 (131)

① P = Clear Polycarbonate globe, D = Diffused Polycarbonate globe, G = Clear Glass globe, J = Refractor, -V= Green CCT, -A = High Ambient. Lumen output options L3 (up to 75°C), L5 (up to 75°C), L7 (up to 75°C), L9/H9/H3 (up to 70°C) can be ordered as High Ambient models. High ambient is only available with Glass globe and Prismatic Refractor.

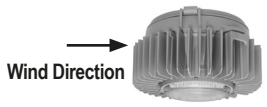
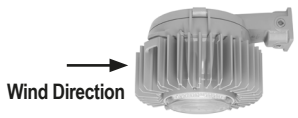
Industrial Mercmaster™ LED Generation 3 Series Luminaires

Standard

Ordinary Locations

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Effective Projected Area Calculations for Outdoor Luminaires

Luminaire		Effective Projected Area (EPA) = FPA*DC ft² IMLG*L3 - IMLG*L9	Effective Projected Area (EPA) = FPA*DC ft² IMLG*H1 - IMLG*X8
Pendant Mount		0.84	1.03
Ceiling Mount		0.90	1.09
Wall Mount		1.05	1.22
25° Stanchion Mount		1.12	1.30
90° Stanchion Mount		1.12	1.30

Industrial Mercmaster™ LED Generation 3 Series Luminaires

With Emergency Battery Backup

Ordinary Locations

NEC/CEC/NOM Standard Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations | Marine Outside Type (Salt Water)
NEC/CEC Emergency Battery Backup Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations
IECEE CB Standard Model: IP66 | IK08
Notable: American Bureau of Shipping (ABS) Certified | DarkSky Approved (Standard Model Only)

Mounting Hoods — All Models

	Hub Size	Weight in kg (lbs)	Catalog Number
Pendant — One Hub, Rigid Mounting			
	3/4" NPT	1.0 (2.3)	**KPA75**
	1" NPT		**KPA100**
Watertight Pendant Hood — One Hub, Rigid Mounting			
	3/4" NPT	1.1 (2.4)	**KPA75WT**
	1" NPT		**KPA100WT**
Pendant Cone — One Hub, Rigid Mounting			
	3/4" NPT	1.1 (2.5)	**KPCH75**
	1" NPT		**KPCH100**
Trunnion — Five Hubs, Four Close-Up Plugs			
	3/4" NPT	6.1 (13.4)	**KPCT75**
	1" NPT		**KPCT100**
	M20		**KPCTM20**
Ceiling — Five Hubs, Four Close-Up Plugs			
	3/4" NPT	1.4 (3.0)	**KPC75**
	1" NPT		**KPC100**
	M20		**KPCM20**
Wall — Five Hubs, Four Close-Up Plugs			
	3/4" NPT	1.8 (4.0)	**KPWB75**
	1" NPT		**KPWB100**
	M20		**KPWBM20**
25° Stanchion — One Hub			
	1-1/4" NPT	1.5 (3.3)	**KPS125**
	1-1/2" NPT		**KPS150**
90° Stanchion — One Hub			
	1-1/4" NPT	1.7 (3.8)	**KPST125**
	1-1/2" NPT		**KPST150**

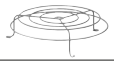
Industrial Mercmaster™ LED Generation 3 Series Luminaires

Standard or with Emergency Battery Backup

Ordinary Locations

NEC/CEC/NOM Standard Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations | Marine Outside Type (Salt Water)
NEC/CEC Emergency Battery Backup Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations
IECEE CB Standard Model: IP66 | IK08
Notable: American Bureau of Shipping (ABS) Certified | DarkSky Approved (Standard Model Only)

Accessories and Replacement Parts — All Models

	Description	Weight in kg (lbs)	Catalog Number
Globes			
	Clear Globe — Polycarbonate	0.2 (0.5)	**VPGLLED**
	Diffused Globe — Polycarbonate	0.2 (0.5)	**VPGLDIFF**
	Clear Globe — Glass	0.8 (1.7)	**VPGLGLASS**
Guard			
	Globe Guard	0.2 (0.4)	**MGU1**
Safety Cable			
	Stainless steel	0.2 (0.4)	**LEDSC**
Visor			
	Electrostatically applied gray epoxy powder coat finish on Aluminum Visor	0.4 (0.9)	**MMVISOR**
Drain Plug			
	76 mm (3") long, 1/2" NPT trade size drain assembly used to divert water existing in the conduit system	0.4 (0.9)	**LEDDR3**

Mounting Hood Adapters — All Models ①

	Manufacturer	Installed Mounting Hood	Weight in kg (lbs)	Appleton Adapter Catalog Number
	Crouse-Hinds™ Champ® ✣	Pendant: APM2/3 Ceiling: CM2/3 Flexible Pendant: HPM2	0.9 (2.00)	**MMADCHVS**
	Appleton™ Mercmaster™ II	Pendant: LPA75/100 Ceiling: LPC75/100	0.9 (2.00)	**MMADIIS**
	Crouse-Hinds™ Champ® ✣	Wall: TWM2/3 25° Angle Stanchion: JM5 90° Angle Stanchion: PM5	0.9 (2.00)	**MMADCHVA**
	Appleton™ Mercmaster™ II	Wall: LPWB75, LPWB100 25° Angle Stanchion: LPS125, LPS150	0.9 (2.00)	**MMADIIA**
	Killark™ ✧	Ceiling: VMX2B, VMX3B, VMX6B, VMX7B, VMX9B Pendant: VMA2B, VMA3B Stanchion: VMD4B, VMD5B, VMS4B, VMS5B Wall: VMB2B, VMB3B Pendant Cone: VMC2B, VMC3B	1.0 (2.3)	**MMADKVA**

① *Adapters are cCSAus rated only.*
✧ *Killark is a registered trademark of Hubbell Incorporated.*
✣ *Crouse-Hinds and Champ are registered trademarks of Cooper Industries, Inc., a wholly owned subsidiary of the Eaton Corporation plc.*

Industrial Mercmaster™ LED Generation 3 Series Luminaires

Standard or with Emergency Battery Backup

Ordinary Locations

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NEC/CEC Emergency Battery Backup Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations
IECEE CB Standard Model: IP66 | IK08
Notable: American Bureau of Shipping (ABS) Certified | DarkSky Approved (Standard Model Only)

Accessories and Replacement Parts — Standard Model

	Description	Weight in kg (lbs)	Catalog Number
Globes ①			
	Glass Globe — Amber	0.2 (0.5)	**VPGLGLASSAM**
	Glass Globe — Blue	0.2 (0.5)	**VPGLGLASSBL**
	Glass Globe — Red	0.8 (1.7)	**VPGLGLASSRE**
	Glass Globe — Green	0.8 (1.7)	**VPGLGLASSGR**
	Light Distribution	**Weight in kg (lbs)**	**Catalog Number**
Prismatic Glass Refractor — All Heat-Resistant ②			
	Short Prismatic Glass Refractor — NEMA Type V	1.4 (3.0)	**LPGR5S**
	Description		**Catalog Number**
Guards			
	Short Refractor Guard for LPGR5S	0.3 (0.7)	**KRG2S**

① *Available up to H3 models, with a max ambient temperature of 65°C for L3, L5, L9, H9 models and 50°C for H1 and H3 models.*
② *Glass Prismatic Refractor is cCSAus rated only.*

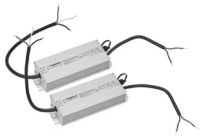
Industrial Mercmaster™ LED Generation 3 Series Luminaires

Standard

Ordinary Locations

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Notable: American Bureau of Shipping (ABS) Certified | DarkSky Approved (Standard Model Only)

Replacement Parts — Standard Model

	Model	Voltage	Driver Wattage	CCT (Correlated Color Temperature)	Constant Current Settings	Catalog Number
Replacement Drivers						
	IMLGL3	BU	50 Watt	1800K, 2200K, 3000K, 4000K, 5000K, Amber	500mA	**APMZ050L135UD50**
		BH	50 Watt			**APMS050C135HD50**
		B2	50 Watt			**APMZ050C130DC50**
	IMLGL5	BU	50 Watt	1800K, 2200K, 3000K, 4000K, 5000K, Amber	780mA	**APMZ050L135UD78**
		BH	50 Watt			**APMS050C135HD78**
		B2	50 Watt			**APMZ050C130DC78**
		BU	50 Watt	Green	1100mA	**APMZ050L135UD11**
		BH	50 Watt			**APMS050C135HD11**
		B2	50 Watt			**APMZ050C130DC11**
	IMLGL7	BU Cold temperature	100 Watt	1800K, 2200K, 3000K, 4000K, 5000K, Amber	360mA	**APMZ100C090UD36**
		BU Standard ; High Ambient	100 Watt			**APMS100C105UD36**
		BH	100 Watt			**APMS100C105HD36**
		B2	50 Watt		950mA	**APMZ050C130DC95**
	IMLGL9	BU Cold temperature	100 Watt	1800K, 2200K, 3000K, 4000K, 5000K, Amber	480mA	**APMZ100C090UD48**
		BU Standard ; High Ambient	100 Watt			**APMS100C105UD48**
		BH	100 Watt			**APMS100C105HD48**
		BU Cold temperature	150 Watt	Green	560mA	**AMPZ150C135UD56**
		BU	150 Watt			**AMPS150C105UD56**
		BH	150 Watt			**APMS150C105HD56**
	IMLGH9	BU Cold temperature	100 Watt	1800K, 2200K, 3000K, 4000K, 5000K, Amber	480mA	**APMZ100C090UD48**
		BU High Ambient	100 Watt			**APMS100C105UD48**
		BH	100 Watt			**APMS100C105HD48**
	IMLGH1	BU Cold temperature	100 Watt	1800K, 2200K, 3000K, 4000K, 5000K, Amber	595mA	**APMZ100C090UD59**
		BU Standard ; High Ambient	100 Watt			**APMS100C105UD59**
		BH	100 Watt			**APMS100C105HD59**
	IMLGH3	BU Cold temperature	150 Watt	1800K, 2200K, 3000K, 4000K, 5000K, Amber	720 mA	**APMZ150C135UD72**
		BU Standard ; High Ambient	150 Watt			**APMS150C105UD72**
		BH	150 Watt			**APMS150C105HD72**
	IMLGH6	BU Cold temperature	150 Watt	1800K, 2200K, 3000K, 4000K, 5000K, Amber	900mA	**APMZ150C135UD90**
		BU Standard	150 Watt			**APMS150C105UD90**
		BH	150 Watt			**APMS150C105HD90**
	IMLGX1	BU	240 Watt	1800K, 2200K, 3000K, 4000K, 5000K, Amber	1040mA	**APMS240C150UD10**
		BH	240 Watt			**APMS240C150HD10**
	IMLGX5	BU	240 Watt	1800K, 2200K, 3000K, 4000K, 5000K, Amber	1250mA	**APMS240C150UD12**
		BH	240 Watt			**APMS240C150HD12**
	IMLGX8	BU	(2x) 150W	5000K	1600mA	**APMS150C105UD80**

Industrial Mercmaster™ LED Generation 3 Series Luminaires

With Emergency Battery Backup

Ordinary Locations

NEC/CEC Emergency Battery Backup Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations
Notable: American Bureau of Shipping (ABS) Certified

Accessories and Replacement Parts — Emergency Battery Backup Model

	Description	Weight in kg (lbs)	Catalog Number
	Replacement Battery Pack	0.7 (1.5)	**BPMLLED**
	Replacement Battery Management Module	0.7 (1.5)	**BMMLLED**
	Replacement Fuse (Emergency system)	0.2 (0.4)	**MLF5**

	Model	Voltage	Driver Wattage	CCT (Correlated Color Temperature)	Constant Current Settings	Catalog Number
Replacement Drivers						
	IMLGL3	BU	50 Watt	1800K, 2200K, 3000K, 4000K, 5000K, Amber	500	**APMS050C135UD50**
	IMLGL5	BU	50 Watt	1800K, 2200K, 3000K, 4000K, 5000K, Amber	780	**APMS050C135UD78**
	IMLGL7	BU	50 Watt	1800K, 2200K, 3000K, 4000K, 5000K, Amber	950	**APMS050C135UD95**

Industrial Mercmaster™ LED Generation 3 Series Luminaires

Standard or with Emergency Battery Backup

Ordinary Locations

NEC/CEC/NOM Standard Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations | Marine Outside Type (Salt Water)
NEC/CEC Emergency Battery Backup Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations
IECEE CB Standard Model: IP66 | IK08
Notable: American Bureau of Shipping (ABS) Certified | DarkSky Approved (Standard Model Only)

Mounting Hood with Factory Installed Photocontrol ① — All Models



Mounting Hood	Hub Size	Photocontrol Option	Catalog Number
Pendant	3/4" NPT	120 V	**KPA75PC12**
		208 V, 240 V, 277 V	**KPA75PC24**
	1" NPT	120 V	**KPA100PC12**
		208 V, 240 V, 277 V	**KPA100PC24**
Wall	3/4" NPT	120 V	**KPWB75PC12**
		208 V, 240 V, 277 V	**KPWB75PC24**
	1" NPT	120 V	**KPWB100PC12**
		208 V, 240 V, 277 V	**KPWB100PC24**
25° Stanchion	1-1/4" NPT stanchion	120 V	**KPS125PC12**
		208 V, 240 V, 277 V	**KPS125PC24**
	1-1/2" NPT stanchion	120 V	**KPS150PC12**
		208 V, 240 V, 277 V	**KPS150PC24**
90° Stanchion	1-1/4" NPT stanchion	120 V	**KPST125PC12**
		208 V, 240 V, 277 V	**KPST125PC24**
	1-1/2" NPT stanchion	120 V	**KPST150PC12**
		208 V, 240 V, 277 V	**KPST150PC24**

Luminaire Weights — All Models

Model	Lumen Outputs	Weight in kg (lbs)
Standard Models		
IMLGL3	4000	9.20 (20.3)
IMLGL5	6200	9.20 (20.3)
IMLGL7	8500	9.20 (20.3)
IMLGL9	11,000	9.20 (20.3)
IMLGH9	13,000	12.00 (26.4)
IMLGH1	15,500	12.00 (26.4)
IMLGH3	19,000	12.00 (26.4)
IMLGH6	21,000	12.00 (26.4)
IMLGX1	25,000	13.15 (29.0)
IMLGX5	28,000	13.15 (29.0)
IMLGX8	28,000	13.15 (29.0)
Emergency Battery Backup Models		
IMLGL3	4000	10.5 (23.2)
IMLGL5	6200	10.5 (23.2)
IMLGL7	7500	10.5 (23.2)

① *Fixtures with photocontrols are rated Type 3R.*

Industrial Mercmaster™ LED Generation 3 Series Luminaires

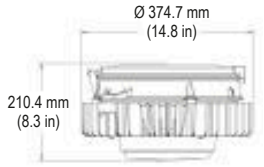
Standard or with Emergency Battery Backup

Ordinary Locations

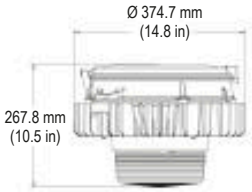
NEC/CEC/NOM Standard Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations | Marine Outside Type (Salt Water)
NEC/CEC Emergency Battery Backup Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations
IECEE CB Standard Model: IP66 | IK08
Notable: American Bureau of Shipping (ABS) Certified | DarkSky Approved (Standard Model Only)

Dimensions in Millimeters (Inches) — IMLGL3 to IMLGL9
All Models with Globe — Standard Model with Short Prismatic Glass Refractor

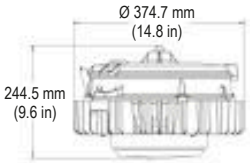
Pendant Mount — Globe



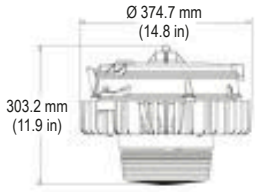
Pendant Mount — Refractor



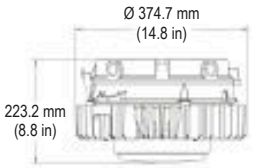
Watertight Pendant Mount — Globe



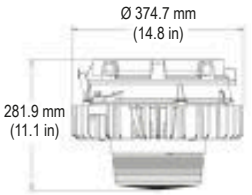
Watertight Pendant Mount — Refractor



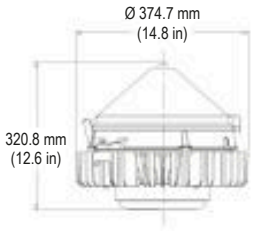
Ceiling Mount — Globe



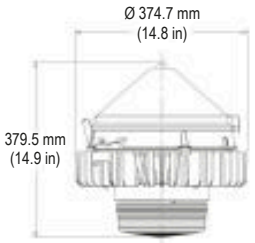
Ceiling Mount — Refractor



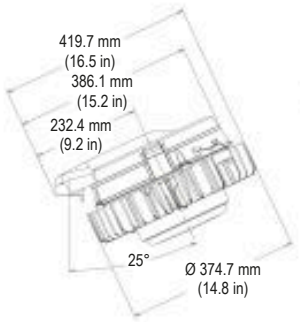
Pendant Cone Mount — Globe



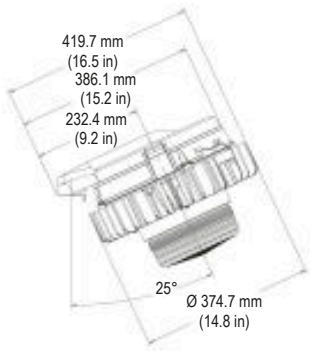
Pendant Cone Mount — Refractor



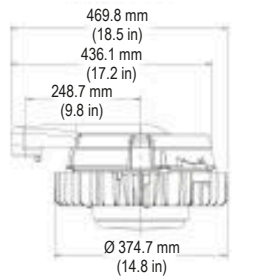
25° Stanchion Mount — Globe



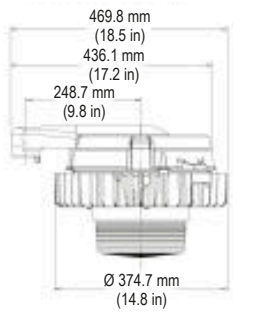
25° Stanchion Mount — Refractor



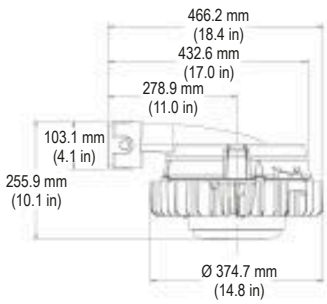
90° Stanchion Mount — Globe



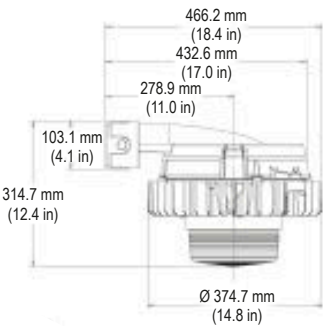
90° Stanchion Mount — Refractor



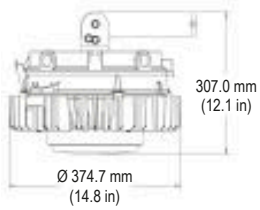
Wall Mount — Globe



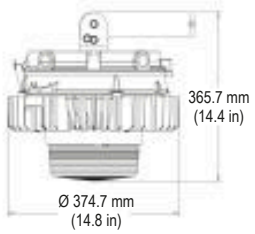
Wall Mount — Refractor



Trunnion Mount — Globe



Trunnion Mount — Refractor



⌘ *Use of fuse voids Marine Outside Type (Salt Water) rating.*

Industrial Mercmaster™ LED Generation 3 Series Luminaires

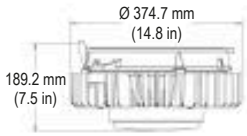
Standard or with Emergency Battery Backup

Ordinary Locations

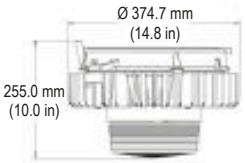
NEC/CEC/NOM Standard Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations | Marine Outside Type (Salt Water)
NEC/CEC Emergency Battery Backup Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations
IECEE CB Standard Model: IP66 | IK08
Notable: American Bureau of Shipping (ABS) Certified | DarkSky Approved (Standard Model Only)

Dimensions in Millimeters (Inches) — IMLGL3 to IMLGL9
All Models with Globe — Standard Model with Short Prismatic Glass Refractor — Driver Housing

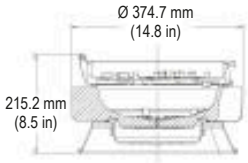
Globe



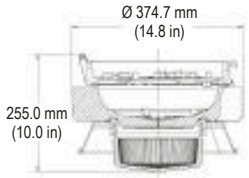
Refractor



Visor — Globe



Visor — Refractor



Industrial Mercmaster™ LED Generation 3 Series Luminaires

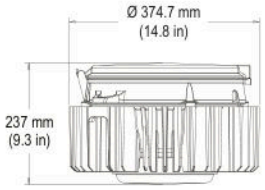
Standard or with Emergency Battery Backup

Ordinary Locations

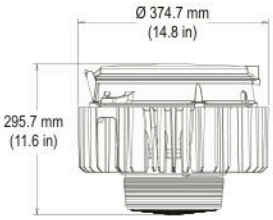
NEC/CEC/NOM Standard Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations | Marine Outside Type (Salt Water)
NEC/CEC Emergency Battery Backup Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations
IECEE CB Standard Model: IP66 | IK08
Notable: American Bureau of Shipping (ABS) Certified | DarkSky Approved (Standard Model Only)

Dimensions in Millimeters (Inches) — IMLGH1 to IMLGH9 and IMLGX1 to IMLGX8
All Models with Globe — Standard Model with Short Prismatic Glass Refractor

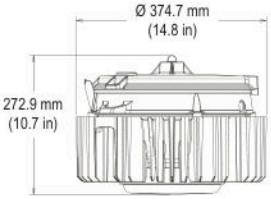
Pendant Mount — Globe



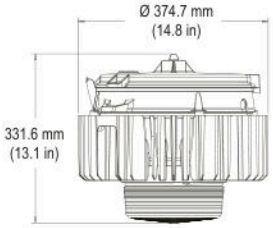
Pendant Mount — Refractor



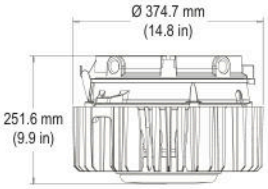
Watertight Pendant Mount — Globe



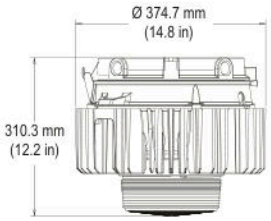
Watertight Pendant Mount — Refractor



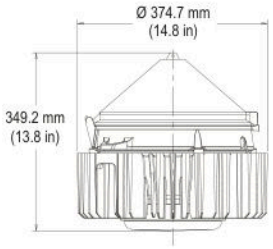
Ceiling Mount — Globe



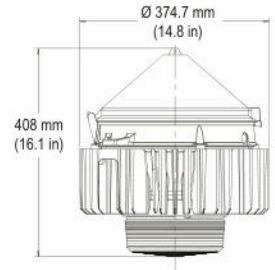
Ceiling Mount — Refractor



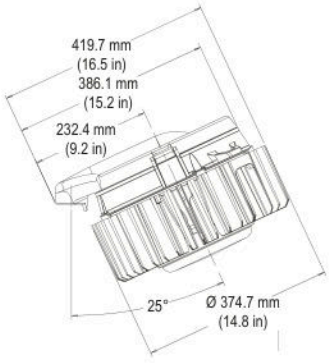
Pendant Cone Mount — Globe



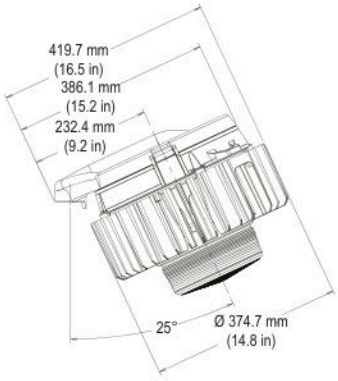
Pendant Cone Mount — Refractor



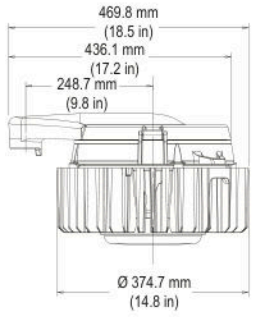
25° Stanchion Mount — Globe



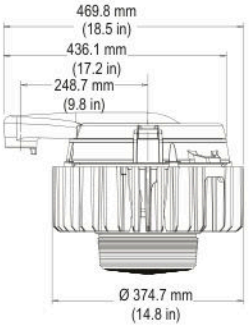
25° Stanchion Mount — Refractor



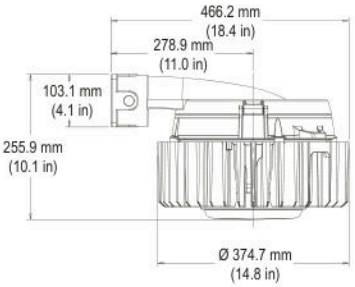
90° Stanchion Mount — Globe



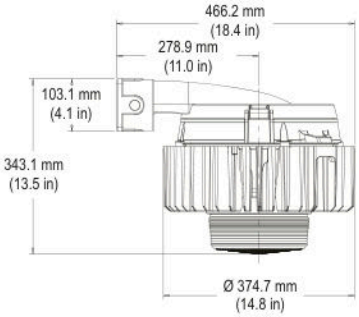
90° Stanchion Mount — Refractor



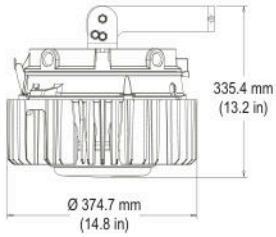
Wall Mount — Globe



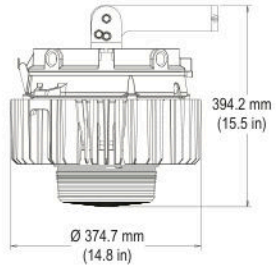
Wall Mount — Refractor



Trunnion Mount — Globe



Trunnion Mount — Refractor



⌘ *Use of fuse voids Marine Outside Type (Salt Water) rating.*

Industrial Mercmaster™ LED Generation 3 Series Luminaires

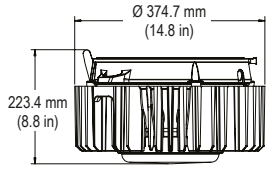
Standard or with Emergency Battery Backup

Ordinary Locations

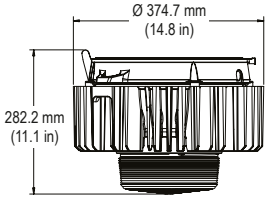
NEC/CEC/NOM Standard Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations | Marine Outside Type (Salt Water)
NEC/CEC Emergency Battery Backup Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations
IECEE CB Standard Model: IP66 | IK08
Notable: American Bureau of Shipping (ABS) Certified | DarkSky Approved (Standard Model Only)

Dimensions in Millimeters (Inches) — IMLGH1 to IMLGH9 and IMLGX1 to IMLGX8
All Models with Globe — Standard Model with Short Prismatic Glass Refractor — Driver Housing

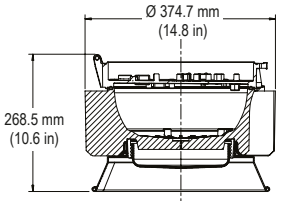
Globe



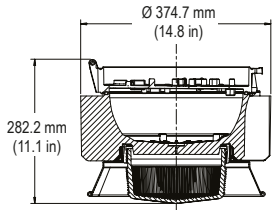
Refractor



Visor — Globe



Visor — Refractor



Industrial Mercmaster™ LED Generation 3 Series Luminaires

Standard or with Emergency Battery Backup

Ordinary Locations

NEC/CEC/NOM Standard Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations | Marine Outside Type (Salt Water)
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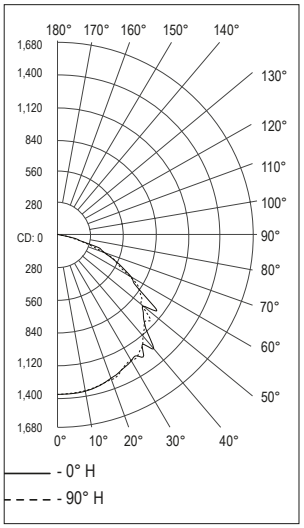
Photometric Data — DATA SHOWN IS ABSOLUTE

Type V, Clear Glass, 5000K CCT

REPORT NUMBER: **IMLGL3CG5BU**

Luminaire Lumens 4,183

POLAR CANDELA DISTRIBUTION

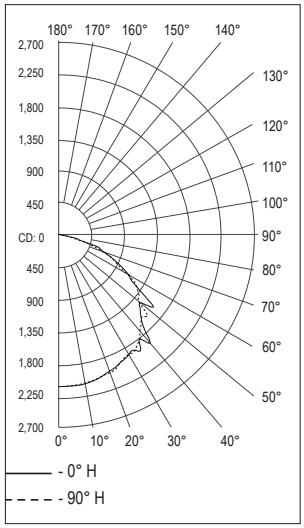


Type V, Clear Glass, 5000K CCT

REPORT NUMBER: **IMLGL5CG5BU**

Luminaire Lumens 6,400

POLAR CANDELA DISTRIBUTION

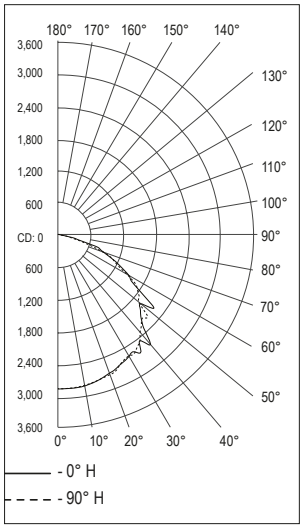


Type V, Clear Glass, 5000K CCT

REPORT NUMBER: **IMLGL7CG5BU**

Luminaire Lumens 8,641

POLAR CANDELA DISTRIBUTION

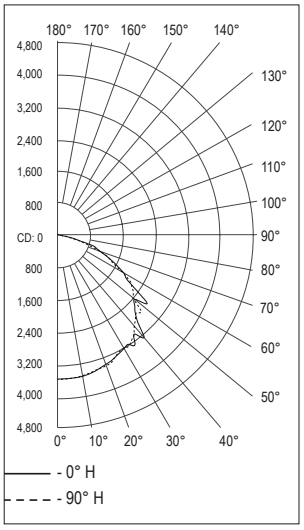


Type V, Clear Glass, 5000K CCT

REPORT NUMBER: **IMLGL9CG5BU**

Luminaire Lumens 10,810

POLAR CANDELA DISTRIBUTION

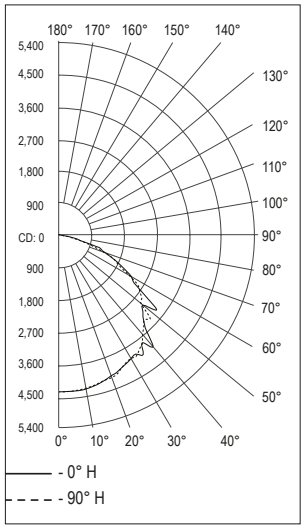


Type V, Clear Glass, 5000K CCT

REPORT NUMBER: **IMLGH1CG5BU**

Luminaire Lumens 13,470

POLAR CANDELA DISTRIBUTION

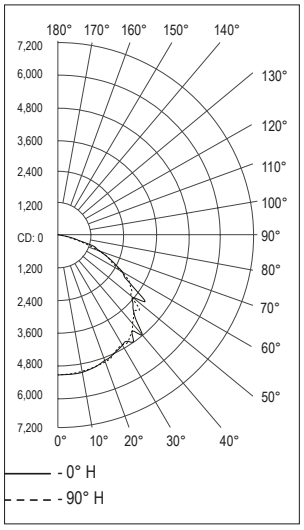


Type V, Clear Glass, 5000K CCT

REPORT NUMBER: **IMLGH3CG5BU**

Luminaire Lumens 15,740

POLAR CANDELA DISTRIBUTION



Industrial Mercmaster™ LED Generation 3 Series Luminaires

Standard or with Emergency Battery Backup

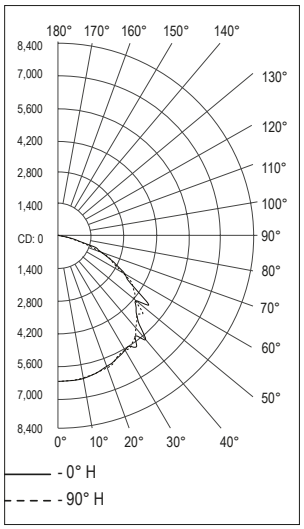
Ordinary Locations

NEC/CEC/NOM Standard Model: Type 3R, 4, 4X | IP66 | IP67 | IK08 | Suitable for Use in Wet Locations | Marine Outside Type (Salt Water)
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IECEE CB Standard Model: IP66 | IK08
Notable: American Bureau of Shipping (ABS) Certified | DarkSky Approved (Standard Model Only)

Photometric Data — DATA SHOWN IS ABSOLUTE

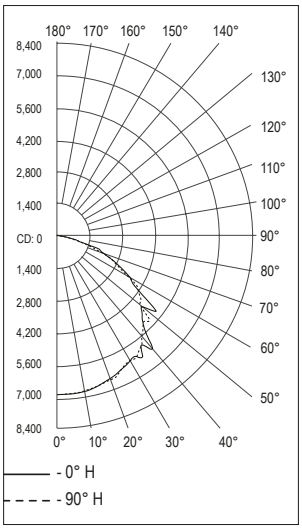
Type V, Clear Glass, 5000K CCT
REPORT NUMBER: **IMLGH6CG5BU**
Luminaire Lumens 19,107

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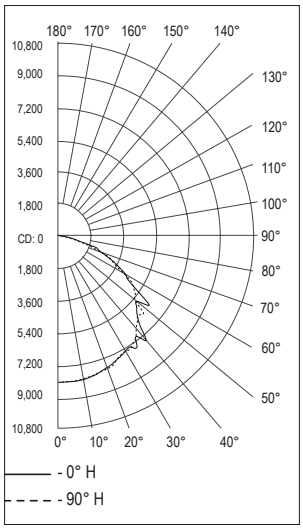
Type V, Clear Glass, 5000K CCT
REPORT NUMBER: **IMLGX1CG5BU**
Luminaire Lumens 20,860

POLAR CANDELA DISTRIBUTION



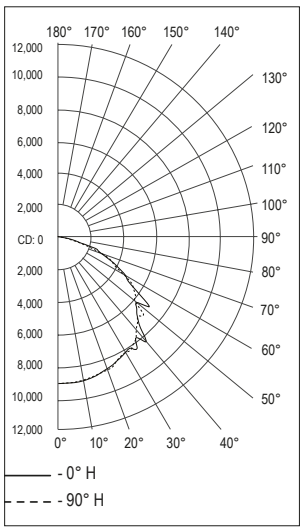
Type V, Clear Glass, 5000K CCT
REPORT NUMBER: **IMLGX5CG5BU**
Luminaire Lumens 24,750

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Type V, Clear Glass, 5000K CCT
REPORT NUMBER: **IMLGX8CG5BU**
Luminaire Lumens 27,510

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