

Mercmaster™ III HID 50–250 Watt Luminaires

High Pressure Sodium and Pulse Start Metal Halide

Listed for simultaneous exposure to combustible dusts and flammable gases or vapors.

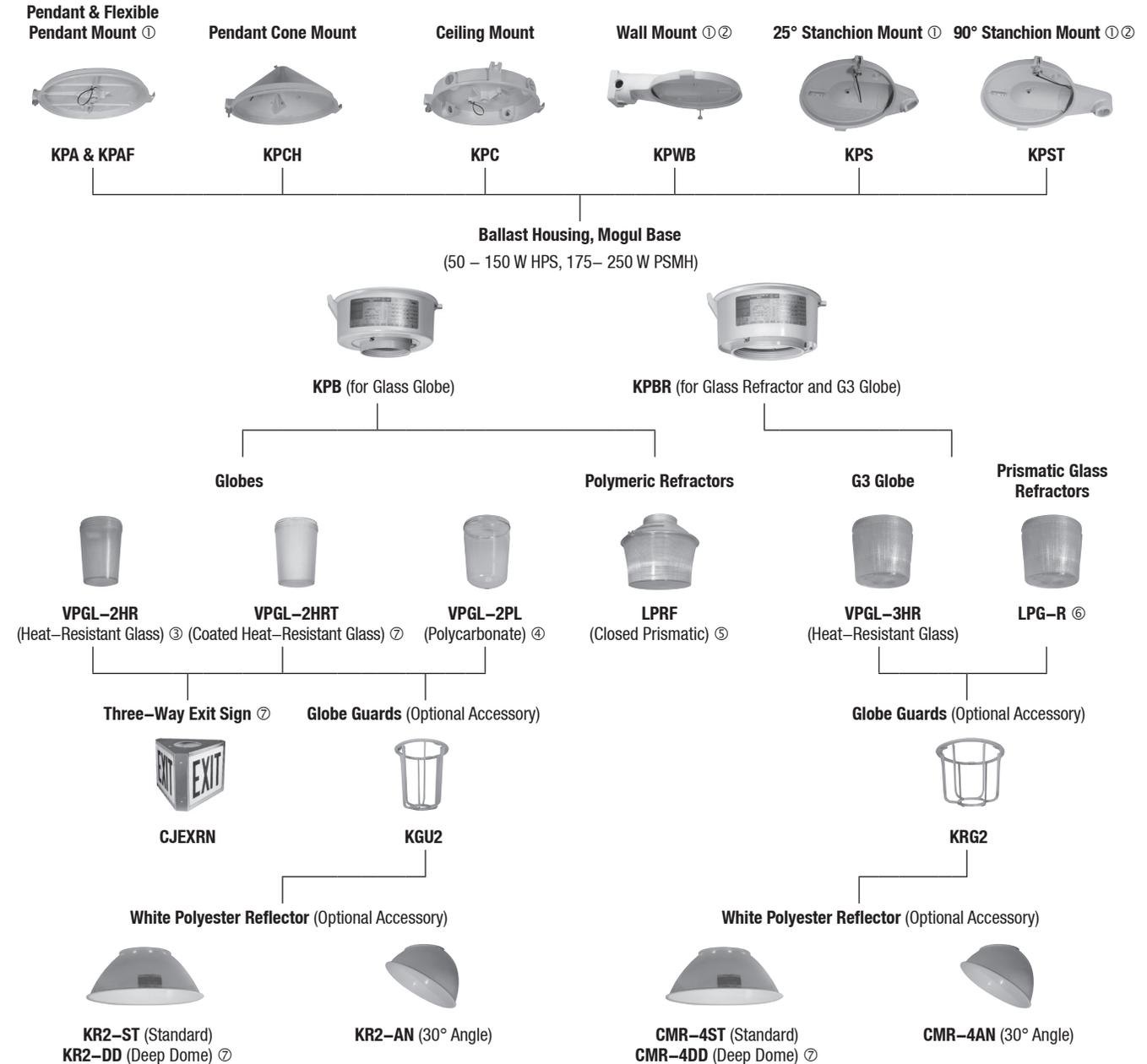
NEC/CEC:

Class I, Division 2, Groups A, B, C, D
 Class I, Zone 2, AEx nA nR IIC (Z2)
 Class I, Zone 2, AEx/Ex nR IIC (ZB)
 Class II, Division 1 and 2, Groups E, F, G
 Class III

NEC/CEC:

Simultaneous Exposure (Class I, Division 2/
 Class II, Division 1)
 Fixtures Outside Type (Salt Water)
 Type 4X
 IP66

Mercmaster III 50-250 Family Tree



① Mounting hood with a 120 V or 208-277 V factory installed photocell is available.

② Standard and deep dome reflectors may interfere with bottom conduit entry if used with KPST and KPWB mounting hoods..

③ Available in clear, amber, blue, green and red. Colors not UL Listed.

④ Available in clear, amber, green and red. Not UL Listed.

⑤ Available in NEMA Type II, III, IV and V. Polymeric Refractor suitable for Class II, Groups F and G, NEMA 4X and Marine Type Electric Fixtures Outside Type (Salt Water) only (100 W HPS Max.).

⑥ Available in NEMA Type I, III and V.

⑦ Not UL Listed.

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 Fixtures Outside Type (Salt Water)
 Type 4X
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Order using catalog numbering guide below or select catalog number from tables on following pages.

Catalog Numbering Guide

<p>KP</p> <p>Series: KP - Mercmaster III 250</p>	<p>A</p> <p>Mounting: A - Pendant (rigid mounting) C - Ceiling CH - Pendant Cone Hood F - Pendant (flexible mounting) ST - 90° Stanchion S - 25° Stanchion WB - Wall</p>	<p>L</p> <p>Lamp Type: L - High Pressure Sodium P - Pulse Start Metal Halide</p>	<p>70</p> <p>Wattage: 10 - 100 W HPS 15 - 150 W HPS 17 - 175 W PSMH 25 - 250 W PSMH ③ 50 - 50 W HPS (MT - Voltage Only) 70 - 70 W HPS</p>	<p>10</p> <p>Hub Size: 75 - 3/4" NPT 10 - 1" NPT 125 - 1-1/4" NPT stanchion 150 - 1-1/2" NPT stanchion</p>	<p>J5</p> <p>Optical Assembly: Blank - Glass Globe J1 - NEMA I Glass Refractor J3 - NEMA III Glass Refractor J5 - NEMA V Glass Refractor G3 - Large Glass Globe</p>	<p>G</p> <p>Guard Options: G - Guard Blank - No Guard</p>	<p>MT</p> <p>Voltage: ① MT - 120/208/240/277, 60 Hz 48 - 480, 60 Hz 125 - 120, 50 Hz 225 - 220, 50 Hz 226 - 220, 60 Hz 235 - 230, 50 Hz 236 - 230, 60 Hz 245 - 240, 50 Hz 246 - 240, 60 Hz GP - 120/220-240, 50 Hz GK - 220/240, 50 Hz GC - 230, 50 Hz</p>	<p>R</p> <p>Options: E - Emergency Quartz F - Fuse Kit (Specify Voltage) R - Hot Restrike (50-150 W HPS only) S - Smart Starter K - Kynar Coating H1 - Photocontrol 120 V H2 - Photocontrol 208 V H3 - Photocontrol 240 V H4 - Photocontrol 277 V C - Safety Cable Adapted E40 - Export Socket T - Terminal Blocks</p> <p>Optional Fusing ② FN - 120 V FP - 208 V FS - 240 V FT - 277 V FF - 480 V</p> <p>Suffix: Z2 - Zone 2 suffix (required for AEx nA nR rating) ④ ZB - Zone 2 suffix (required for AEx/EX nR rating)</p>	<p>Z2</p>
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Lamp Type	Lamp Watts	MT	48	125	225	226	Voltage Suffixes		245	246	GP	GK	GC
							235	236					
HPS	50	X	—	—	X	X	—	—	X	—	—	X	—
HPS	70	X	X	X	X	X	X	X	X	X	X	—	X
HPS	100	X	X	X	X	X	—	X	X	X	X	—	—
HPS	150	X	X	X	X	X	—	X	X	X	X	—	—
PSMH	175	X	X	—	—	—	—	—	—	—	—	—	—
PSMH	250	X	—	—	—	—	—	—	—	—	—	—	—

Voltages:
MT - 120/208/240/277 V 60 Hz **225** - 225 V 50 Hz **236** - 230 V 60 Hz **GP** - 120/220-240 V 50 Hz
48 - 480 V 60 Hz **226** - 220 V 60 Hz **245** - 240 V 50 Hz **GK** - 120/220-240 V 50 Hz
125 - 120 V 50 Hz **235** - 230 V 50 Hz **246** - 240 V 60 Hz **GC** - 230-240 V 50 Hz

Reflectors are ordered separately – see Accessories page.
 ① Voltages shown are limited to specific combinations. Please contact factory for other available voltage options.
 ② Optional fusing is available for use with MT, 5MT and 48 voltage suffixes ONLY.
 ③ PSMH 250 W, MT fixtures are not UL Listed.
 ④ The -Z2 suffix (AEx nA nR) is available for use with MT, 48 and 246 voltage suffixes ONLY.

APPLETON™

HID/AREA: NEC/CEC ENCLOSED AND GASKETED

