

ORION 12 LED

DATE:

PROJECT:

TYPE:

CATALOG NUMBER LOGIC:



CATALOG NUMBER LOGIC

Example: OR - LED - e115 - SP - 010 - LXS - YM-MS - BZW - MT

MATERIAL

Aluminum

SERIES

OR - Orion Large Format Floodlight

SOURCE

LED - Technology with Integral Driver

LED TYPE

e114 - 90W LED/2700K

e115 - 90W LED/3000K

e119 - 90W LED/3500K

e116 - 90W LED/4000K

e117 - 90W LED/5000K

OPTICS

VNSP - Very Narrow Spot (7.5°) NEMA 2 SP - Spot (16.3°) NEMA 3

FL - Flood (46.8°) NEMA 4 MFL - Medium Flood (37°) NEMA 5

WFL - Wide Flood (58.1°) NEMA 5 ASY - Asymmetric (86.2°x74.5°) NEMA 5X6

CONTROL TYPE

010 - Dimming Driver (For use with 0-10 Dimmer. 10-100%)

ACCESSORIES

0 - No Accessories

EL - External Egg-Crate Louver

3S - 3 Sided Shield 4S - 4 Sided Shield LS - Fixed Louver Shield (external)

LXS - Lexan Shield TS - Top Shield

MOUNTING

YM - Yoke Mount

YM-HS - Yoke Mount with Horizontal Sector

YM-MS - Yoke Mount with Mounting Stud

YM-SF - Yoke Mount with Slipfitter

YM-MP - Yoke Mount with Slipfitter and Mounting Plate

YM-WA - Yoke Mount Wall Pole Mounting Arm

YM-WB - Yoke Mount with Wall Bracket

KS - Knuckle Slipfitter

KS-MP - Knuckle Slipfitter with Mounting Plate

KS-WA - Knuckle Slipfitter with Wall Pole Mounting Arm

FINISH (See page 2 for full-color swatches)

Standard Finishes (BZP, BZW, BLP, BLW, WHP, WHW, SAP, VER)

Premium Finish (ABP, AMG, AQW, BCM, BGE, BPP, CAP, CMG, CRM, HUG, NBP, OCP, RMG, SDS, SMG, TXF, WCP, WIR)

Also available in RAL Finishes

INPUT VOLTAGE

MT - 120 VAC-277 VAC INPUT

B-K LIGHTING

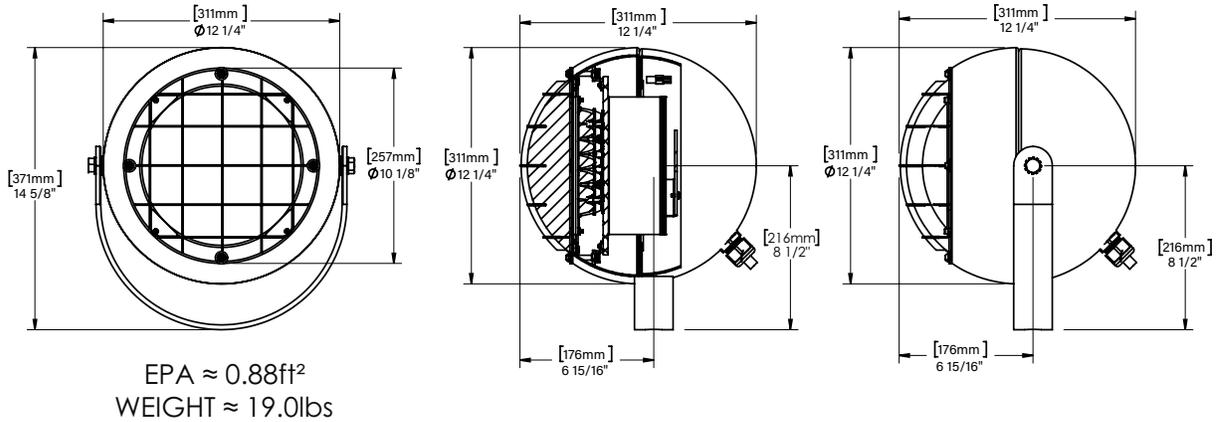
MADE IN THE USA

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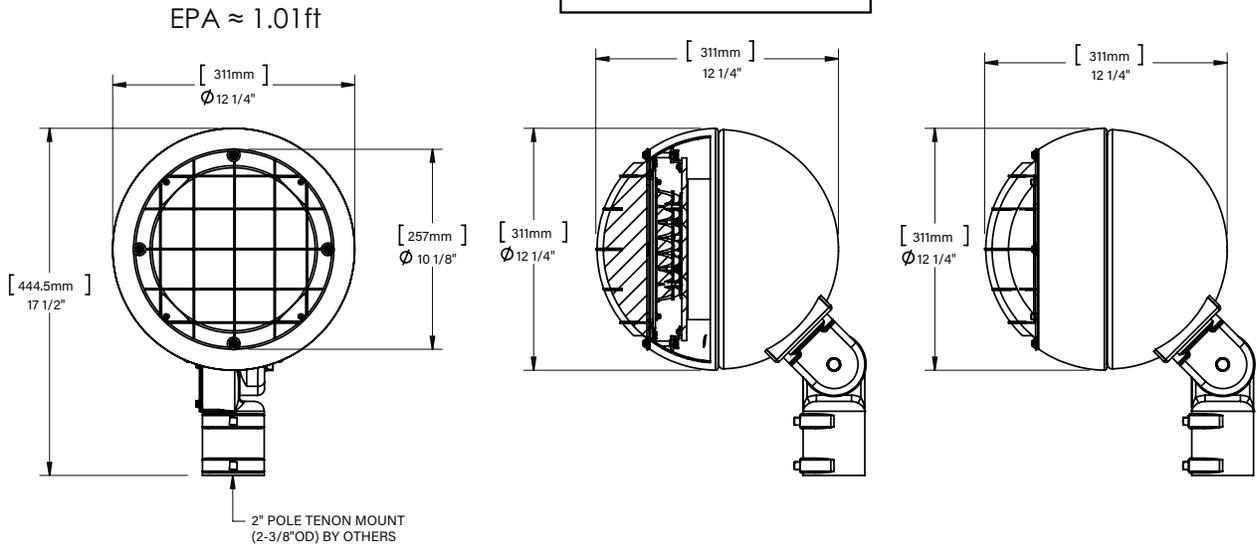
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YOKE MOUNT



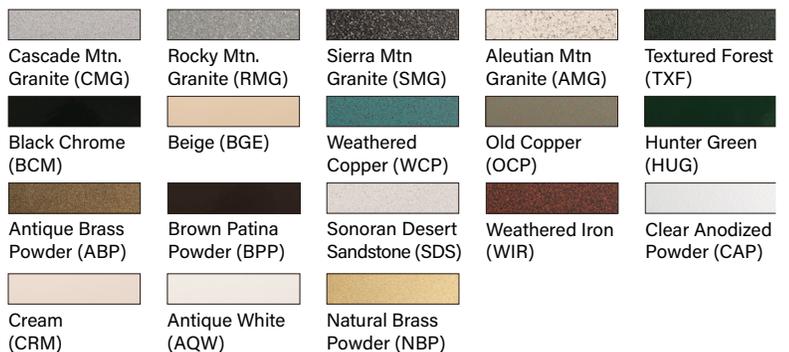
KNUCKLE SLIPFITTER



STANDARD FINISHES



PREMIUM FINISHES



[Click Here](#) to view larger, full-color swatches of all available finishes on our website.

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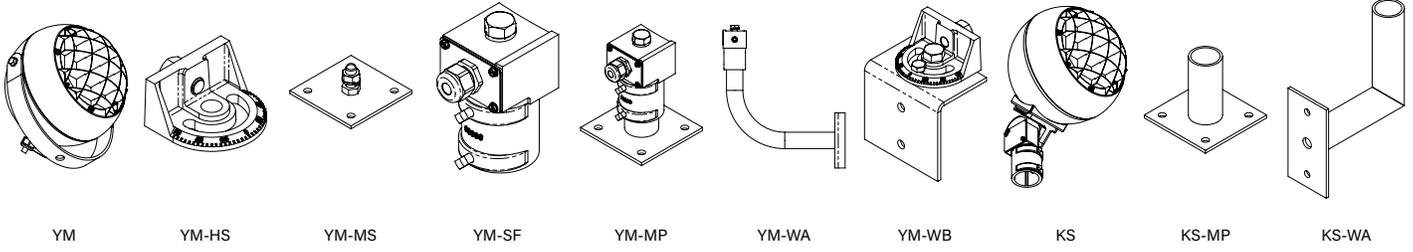
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ACCESSORIES (Configure separately)

Drivers (Configure separately)



SPECIFICATIONS

ELECTRICAL	WATTAGE	90W LED
	DRIVER	Integral mounted and prewired. All components UL and CSA recognized. Available in 120-277 volts.
	WIRING	Luminaires with yoke mounting supplied prewired to three feet of 16/3 STW cord. Cord is secured to enclosure with a watertight strain relief. Luminaires with knuckle slipfitter mounting supplied and prewired to power leads inside slipfitter's wiring compartment.
PHYSICAL	HOUSING	Two-piece spherical housing constructed of 12 gauge, lightweight aluminum.
	LENS/DOOR ASSEMBLY	Constructed of 12 gauge aluminum, door is attached to housing with four series 300 stainless steel tamper-proof screws. Internal lens ring retainer with high temperature silicone gasket used to seal and secure tempered thermal, shock-resistant optical glass lens. Door assembly is sealed to housing with high temperature closed cell silicone to ensure no gasket compression set.
	LED	An array of 48 LEDs on an aluminum circuit board that is attached to an aluminum extruded heatsink with thermally conductive interface material used to maximize heat transfer. The LED and heatsink assembly is fully enclosed inside the housing.
	MOUNTING	Choice of 1/4 inch thick rolled aluminum yoke or heavy duty knuckle slipfitter for standard 2 inch pole tenon mounting (2-3/8" OD) by others.
	FINISH	StarGuard, our 15-stage chromate-free process cleans and conversion coats aluminum components prior to application of Class 'A' TGIC polyester powder coating and is RoHS compliant.
	CERTIFICATION & LISTING	Suitable for wet locations. UL cULus 1598 and 8750 Listed. Complies with IES-79 & LM-80 Standards. RoHS compliant.



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LAMP & DRIVER DATA

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L70 DATA FORMAT					OPTICAL DATA				
BK NO.	CCT (Typ.)	CRI (Typ.)	Input Watts (Typ.)	L70 Data	NEMA Rating	Angle	CBCP	Delivered Lumens	Multiplier
e114	2700	80	90	50,000	NEMA 2	7.5	180605	8273	0.86
e114	2700	80	90	50,000	NEMA 3	16.3	75103	8722	0.86
e114	2700	80	90	50,000	NEMA 4	46.8	15462	8773	0.86
e114	2700	80	90	50,000	NEMA 5	37.0	18042	9742	0.86
e114	2700	80	90	50,000	NEMA 5	58.1	7825	9178	0.86
e114	2700	80	90	50,000	NEMA 5x6	86.2 x 74.5	6130	9105	0.86
e114	2700	80	90	50,000	NEMA2	9.2 x 6.9	139880	7190	0.86
e115	3000	80	90	50,000	NEMA2	7.5	196786	9014	0.94
e115	3000	80	90	50,000	NEMA 3	16.3	81832	9503	0.94
e115	3000	80	90	50,000	NEMA 4	46.8	16848	9559	0.94
e115	3000	80	90	50,000	NEMA 5	37.0	19659	10614	0.94
e115	3000	80	90	50,000	NEMA 5	58.1	8526	10001	0.94
e115	3000	80	90	50,000	NEMA 5x6	86.2 x 74.5	6679	9921	0.94
e115	3000	80	90	50,000	NEMA2	9.2 x 6.9	152412	7834	0.94
e119	3500	80	90	50,000	NEMA2	7.5	206272	9448	0.99
e119	3500	80	90	50,000	NEMA 3	16.3	85777	9961	0.99
e119	3500	80	90	50,000	NEMA 4	46.8	17660	10020	0.99
e119	3500	80	90	50,000	NEMA 5	37.0	20606	11126	0.99
e119	3500	80	90	50,000	NEMA 5	58.1	8937	10483	0.99
e119	3500	80	90	50,000	NEMA 5x6	86.2 x 74.5	7001	10399	0.99
e119	3500	80	90	50,000	NEMA2	9.2 x 6.9	159760	8211	0.99
e116	4000	80	90	50,000	NEMA2	7.5	200644	9191	0.96
e116	4000	80	90	50,000	NEMA 3	16.3	83436	9689	0.96
e116	4000	80	90	50,000	NEMA 4	46.8	17178	9746	0.96
e116	4000	80	90	50,000	NEMA 5	37.0	20044	10823	0.96
e116	4000	80	90	50,000	NEMA 5	58.1	8693	10197	0.96
e116	4000	80	90	50,000	NEMA 5x6	86.2 x 74.5	6810	10115	0.96
e116	4000	80	90	50,000	NEMA2	9.2 x 6.9	155400	7987	0.96
e117	5000	80	90	50,000	NEMA2	7.5	208996	9573	1.00
e117	5000	80	90	50,000	NEMA 3	16.3	86909	10093	1.00
e117	5000	80	90	50,000	NEMA 4	46.8	17893	10152	1.00
e117	5000	80	90	50,000	NEMA 5	37.0	20879	11273	1.00
e117	5000	80	90	50,000	NEMA 5	58.1	9055	10621	1.00
e117	5000	80	90	50,000	NEMA 5x6	86.2 x 74.5	7094	10536	1.00
e117	5000	80	90	50,000	NEMA2	9.2 x 6.9	161869	8320	1.00

OPTICS	
7.5°	VNSP
16.3°	SP
46.8°	FL NEMA 4
37°	MFL
58.1°	WFL NEMA 5
86.2 x 74.5°	ASY

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