

# NAVIGATOR

LED HIGH MAST LIGHTING

## DOT LIGHTING

- Programmable Drivers
- 360° Field Adjustable Optics
- Type I, II, III, IV & V Available
- Patent Pending Thermal Management System
- Secure, 4-Bolt Mounting System
- IP-66 Rated
- Tool-Less Entry



Rev. 8/2/19



## POWER

Lumen Packages Available from  
33,500 to 100,000+

## PRECISION

Custom-Engineered, High Output LED's Provide  
Type I, II, III, IV & V Distribution Options

## ENGINEERING

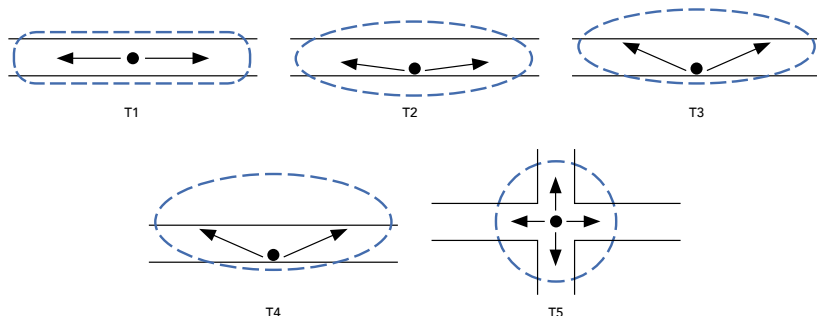
Rugged 3-G Die Cast Aluminum Housing  
with Neoprene Gasketed Power Door

## ORDERING INFORMATION

EXAMPLE PART #: NAV - M2 - 40K - T3 - V01 - GR - VDIM - SP20

NAV							
SERIES	SYSTEM	CCT	OPTICS	INPUT PWR	FINISH	DIMMING	OPTIONS
NAV	M1 M2 M3 M4	30K 40K 50K	T1 T2 T3 T4 T5	V01   100/277V V04   347/480V	GR   Grey BL   Black WT   White RAL   Custom	NDIM   No Dimming VDIM   0-10V Dimming	3P   3-Pin NEMA Receptacle 5P   5-Pin NEMA Receptacle 7P   7-Pin NEMA Receptacle POT   Potentiometer 80C   80 CRI SP10   Surge Protector 10kA SP20   Surge Protector 20kA HSS   House Side Shield PC   Photocell

## OPTICS



## LUMEN CHART

	3000K	4000K	5000K
M1	33,500 lm	34,200 lm	34,900 lm
M2	48,900 lm	49,800 lm	50,800 lm
M3	67,100 lm	68,400 lm	69,800 lm
M4	96,800 lm	98,700 lm	100,600 lm

## POWER FACTS

	WATTS	120V	208V	240V	277V	347V	480V
M1	240	2.0	1.2	1.0	0.9	0.7	0.5
M2	350	2.9	1.7	1.5	1.3	1.0	0.7
M3	480	4.0	2.3	2.0	1.7	1.4	1.0
M4	700	5.8	3.4	2.9	2.5	2.0	1.5

Typical delivered lumen data is approximate. Actual lumens will vary due to installation environment and beam pattern. Please see IES files.

## SPECIFICATIONS

**Expected Life** | L70@ >140,000 Hours  
**Rating** | IP66  
**Color Rendering Index (CRI)** | 74 (80 Opt)  
**Operating Temp** | -40°C - +50°C  
**Relative Humidity** | 10-90% RH  
**Power Factor** | >.95  
**Input Line Voltage** | 90-305 / 249-510 VAC  
**Input Line Frequency** | 50/60 Hz  
**LED Chips** | Osram  
**Driver** | Inventronics / Meanwell  
**Surge Protection** | 10KV/10kA (20 Opt)  
**3G Vibration Rating** | ANSI C136.31  
**THD** | <10%  
**Efficacy** | Up to 140 Lumens per Watt

## LISTINGS

**ETL Listed**  
**BUG Rated**  
**FCC Compliant** | Title 47 Part 15, Class A

## WEIGHT & EPA

Fixture Size	Weight	EPA
M1, M2, M3, M4	69 lb	1.47

## MATERIALS

**Housing** | 3-G Rated Die Cast Aluminum  
**Gasketing** | Neoprene  
**Hardware** | Stainless Steel  
**Finish** | Protective UV Stabilized Powdercoat  
**Lens** | Optical Grade Polycarbonate

## PRODUCT DRAWINGS

M1, M2, M3, M4

