

CATALOG #

TYPE

VOLTAGE

JOB NAME MRV-06862-2000L IP66 Ligature / Vandal Resistant LED Downlight MRV-06862-1500L Type IC • Wet Location • 6" Trim / 4" Lens Aperture MRV-06862-1000L 10% Dimming • WFL • 5 CCT • 3-Step Binning Up to 90,000 Hour Life • LM-80 Qualified • LM-79 Certified **Specifications** 4" Lens Aperture See Option -SH for Cleanroom **Delivered System Performance*** 100 Lumen Series: MUST SPECIFY **Rated** Luminaire -2000L: 2000 nominal lumens (25W). -1500L: 1500 nominal lumens (20W). -1000L: 1000 nominal lumens (11W) Distribution: WFL standard. Flush center pin tamperproof hex screws **Outlet Box** Optional: -NFL or -MFL. and captive nuts secure trim to housing. UL listed J-box with insulated removable • Color temperature: 3500°K standard. cover. Prewired 14 GA (NEC) with 1/2" and 3/4" Tamperproof tool included. Optional: -27K, -30K, -41K or 50K. · High strength prismatic acrylic above .220" knockouts. • CRI: 80+ standard. Optional: -HC (90+). clear flat polycarbonate lens. Also see -DA. Installation 90,000 hour life (L70). Continuous ring secures lens to trim. Recesses indoor/outdoor in covered · Fully sustainable: removable for servicing. **IP66 Sealed and Gasketed Trim** locations. **Thermal Management System** Silicone seal between trim and lens seals lens Accommodates ceilings up to 1-1/8" thick. • All aluminum heat sink, components and • 27" galvanized hanger bars with adjustable to trim. housing maximize cool operation and long life Closed cell gasketing on trim flange seals mounting brackets (2) supplied. UL, C-UL (Canada) Listings while minimizing maintenance. flange to ceiling. **LED Power Supply - INTERNAL** O-rings on stainless steel fasteners seal • Wet, damp or dry locations, covered ceilings. • 0-10V CCR dimming standard. (100-10%) Type IC: for direct contact with insulation. fasteners to trim. • 120-277V / 50-60Hz standard. Load Meets ASTM E283 restricted airflow of 2CFM Through-branch conductors (4 #12 AWG 90°C) for Type IC Listing. insensitive. maximum. Suitable for outdoor / indoor use: Acrylic Enameled Aluminum Housing **IEC & FCC Compliance** -30°C (-22°F) to 60°C (140°F). Meets IEC/EN 60601-1-2 electromagnetic Rustproof and corrosion resistant: Exceeds Trim / Lens Assembly 1000 hour ASTM 5% salt spray test. compatibility standard for medical electrical · Ligature resistant smooth white seamless Shallow depth fits restricted plenums. • equipment. tapered aluminum self-flanged rigid cast trim. Cool operation: Extends life of all components. FCC Part 15 certified for EMI/RFI emissions. Kirlin BioGard[™] antimicrobial white finish Entire luminaire, including LED light engine, is **FIVE YEAR** • continuously inhibits growth of bacteria on the modular, easily visible and serviced through **Limited Warranty** aperture. Built-in plaster flange. Year coating of the trim. Complete standard fixture. **MUST SPECIFY OPTIONAL Product Number** Voltage Options **Ordering Example:** MRV-06862-2000L -120 (120 volts) MRV-06862-1500L -277 (277 volts) See "Options" below MRV-06862-2000L-120-30K-BN MRV-06862-1000L -97 (Specify other) 277V, 60Hz input only. Specify voltage. Not for -BN Brushed nickel cast trim instead. (non use with Option -29 or -FS. BioGard™) -ERH REMOTE emergency battery pack. Delivers Custom color filter (Rosco). Specify. 1000 lumens. Run time: 90+ minutes. CEC -DA Diffuse acrylic lens above poly instead of -120 120V (50-60Hz) input. Compliant. prismatic acrylic. -WFL only. White acrylic (flat) diffuser above poly instead -WA Color (CCT and CRI) Specify other voltage. Consult factory. -97 of prismatic acrylic; will provide wide flood -27K Color temperature 2700°K instead. distribution. **LED Power Supply** -30K Color temperature 3000°K instead. Other -41K Color temperature 4100°K instead. instead (Lutron). Consult factory. 120V only. Color temperature 5000°K instead. Special modification. Consult factory. -50K -99 Not available with Option -El. -HC 90+ CRI instead. Consult factory. -FS Single in-line fuse. Not for use with Option -El. -D1 0-10V 1.0% dimming instead. Sealed housing and junction box. Provides -SH **Optics** -D2† 0-10V 0.1% dimming instead. Cleanroom Rated luminaire. (ISO 5 Class 100) -MFL Medium flood distribution instead. -D3† DALI 1.0% dimming instead. -NFL Narrow flood distribution instead. -D4† DALI 0.1% dimming instead. -D5† DMX512A 0% dimming instead. Lens and Trim

- Natural aluminum (silver) acrylic enameled trim. (non BioGard™)
- -94 Consult factory.

The Kirlin Company

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*See note next page



fo	Projected L70** for Kirlin Luminaires		
In Open I	Plenum	90,000 hou	
In Insulat	ion (Type IC)	60,000 hou	
**Hours at 7			

Options

Input Power: SPECIFY

-277 277V (50-60Hz) input

- -29† Two wire full range (100-1%) PWM dimming
- -EI REMOTE emergency inverter for 100% of rated lumens. Bun time: 90+ minutes, 120 or

+ Consult factory for use with -2000L lumen series.

IRI

DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE. THE KIRLIN COMPANY EXPECTS PHOTOMETRIC PERFORMANCE TO IMPROVE SIGNIFICANTLY AND FREQUENTLY AS LED SOURCE TECHNOLOGY IMPROVES.

Lighting Since 1895

- -35T
 - Custom color/finish. Specify. (non BioGard™)
- urs urs

MEDICAL

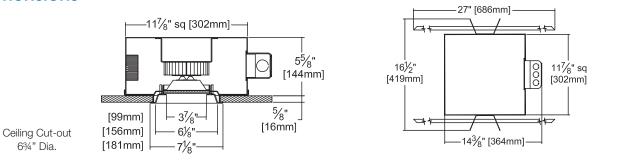
LED LIGHTING

MRV-06862-1500L

PERFORMANCE



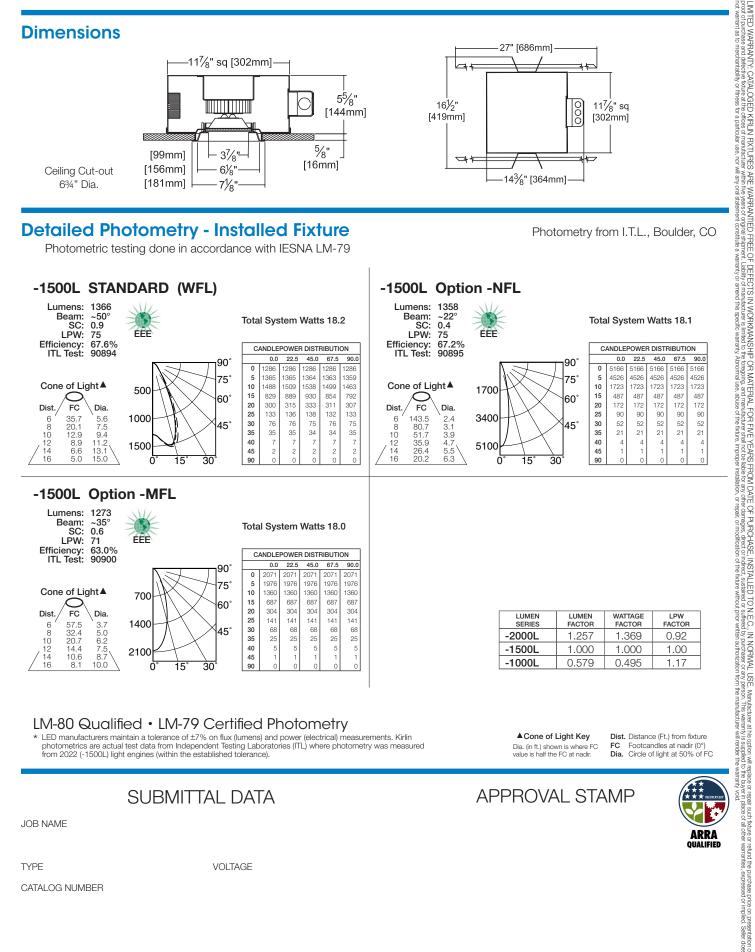




Detailed Photometry - Installed Fixture

Photometric testing done in accordance with IESNA LM-79

Photometry from I.T.L., Boulder, CO



VOLTAGE

CATALOG NUMBER