

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

Lighting for Patient Spaces

Ligature/Vandal Resistant 6" LED Downlight

Up to 60,000 Hour Rated Life • Antimicrobial Trim • Wet Location
10% Dimming • 3-Step Binning • LM-80 Qualified • LM-79 Certified

Specifications

Delivered System Performance*

- Lumen Series: **Must Specify**
-2500L (35W)
- Distribution: WFL standard;
optional: -NFL or -MFL
- Color temperature: 3500°K standard;
optional: -27K, -30K, -41K or -50K
- CRI: 80+ standard; optional: -HC (90+)
- 60,000 Hour Rated Life (L70)
- Fully sustainable: removable for servicing

Thermal Management System

- Aluminum heat sink and components for cool operation, long life, and low maintenance

LED Driver - INTERNAL

- Indoor/Outdoor: -30°C to 60°C (-22°F to 140°F)
- 0-10V CCR dimming standard (100-10%)
- Voltage Options: **Must Specify**
-120: -120V (50-60Hz); load insensitive
-277: -277V (50-60Hz); load insensitive

Trim and Lens Assembly

- Ligature resistant smooth white seamless tapered aluminum self-flanged rigid cast trim
- Kirlin BioGard™ antimicrobial white finish continuously inhibits growth of bacteria on the coating of the trim

- Flush center pin tamperproof hex screws and captive nuts secure trim to housing; tamperproof tool included
- High strength prismatic acrylic above .220" clear flat polycarbonate lens; also see -DA
- Continuous ring secures lens to trim

Acrylic Enameled Aluminum Housing

- Rustproof: exceeds 1000 hour ASTM 5% salt spray test; all components fully sustainable
- Shallow depth fits restricted plenums
- Cool operation extends component life
- Modular design; visible and fully serviceable through aperture
- Built-in plaster flange

Outlet Box (Galvanized)

- UL listed J-box with insulated removable cover; prewired 14 GA (NEC) with ½" and ¾" knockouts

Installation & Hardware

- Indoor/outdoor in covered locations in ceilings up to 1⅝" thick
- 27" galvanized hanger bars & adjustable mounting brackets (2) supplied

MRV-06859

Trim Options



-BN
(Brushed
Nickel Finish)

UL, C-UL (Canada) Listings

- Wet, damp or dry locations, covered ceilings
- Through-branch conductors (4 #12 AWG 90°C)

IEC & FCC Compliance

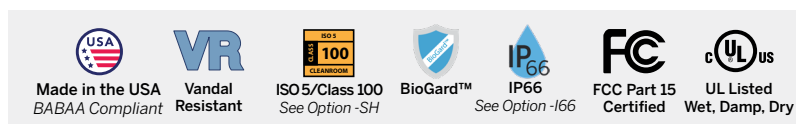
- Meets IEC/EN 60601-1-2 electromagnetic compatibility standard for medical electrical equipment
- FCC Part 15 certified for EMI/RFI emissions

FIVE YEAR Limited Warranty

- Complete standard fixture

Options and Ordering Configuration

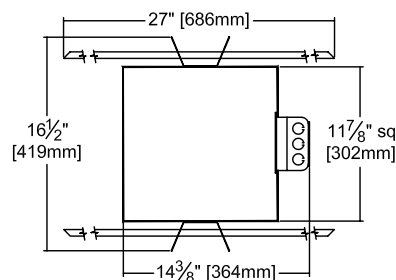
(Example: MRV-06859-2500L-120-30K-BN)



Must Specify			Optional					
Model	Lumens	Volts	CCT & CRI	Beam	Driver Options	Emergency	Lens & Trim Options	Other Options
MRV-06859								
	-2500L	-120 -277 -97: Other voltage; consult factory	(Blank): 35K, 80+ CRI 80+ CRI -27K: 2700°K -30K: 3000°K -35K: 3500°K -41K: 4000°K -50K: 5000°K 90+ CRI -27K-HC: 2700°K -30K-HC: 3000°K -35K-HC: 3500°K -41K-HC: 4000°K -50K-HC: 5000°K	(Blank): WFL -MFL -NFL	(Blank): Standard 0-10V CCR 10% dim -D1: 0-10V 1.0% dim -D2: 0-10V 0.1% dim -D3: DALI 1.0% dim -D4: DALI 100-0.1% dim -D5: DMX512A 0.1% dim -ECO: For use with Lutron EcoSystem controls; dims to 1% or consult factory	(Blank): None -ERH: Remote emergency battery pack; delivers 1000 lumens; 90+ minutes (CEC Compliant)	(Blank): White tamper- resistant trim, high strength dual lens -35T: Silver enamel (complete trim); (non BioGard™) -94: Custom color/finish; specify; (non BioGard™); consult factory -BKBG: BioGard anti-microbial black -94BG: BioGard anti-microbial custom color finish -BN: Brushed nickel cast trim instead (non BioGard™) -CF: Custom color filter (Rosco); specify -DA: Diffuse acrylic lens above poly instead of prismatic acrylic: -WFL only -I66: IP66 Rated trim; also see Option -SH -WA: White acrylic (flat) diffuser instead	(Blank): None -99: Special modification; consult factory -AWN: Athena Wireless Node; N/A for Dimming Options -D5, ECO -FS: Fused primary; One per fixture; not for use with option -El -SH: Sealed housing and junction box; provides Cleanroom Rated luminaire (ISO 5 Class 100); must be used with option -I66 *Note: For other integrated control solutions, such as nLight, contact factory

*See note next page

Infection Control Levels

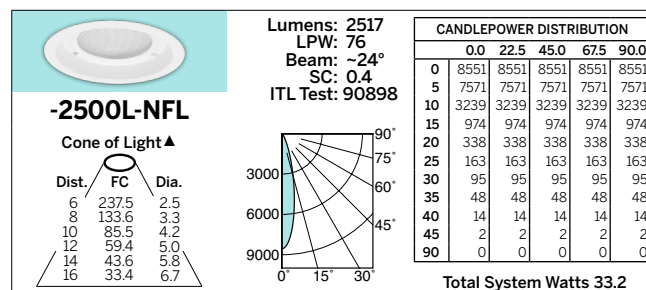
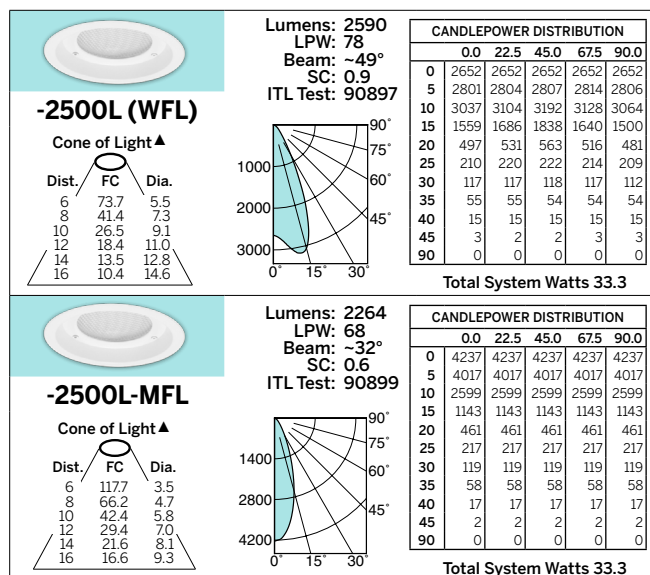


Ceiling Cut-out
6 3/4" Dia.

Level	Option	Patient Safety	Infection Protection
1+	Standard	 Vandal Resistant	 BioGard™
2+	-I66	 Vandal Resistant	  IP66
3+	-I66 -SH	 Vandal Resistant	  IP66

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

LM-79 IES Certified Photometry from Independent Lab



*LED manufacturers maintain a tolerance of +/-7% on flux (lumens) and power (electrical) measurements.

▲ **Cone of Light Key**
 Dia. (in ft.) shown is where FC value is half the FC at nadir.

Dist. Distance (Ft.) from fixture
FC Footcandles at nadir (0°)
Dia. Circle of light at 50% of FC