

CATALOG #		TYPE
JOB NAME	WATTAGE	VOLTAGE

4800 • 3300 LUMEN SERIES 55 • 42 WATT

Psychiatric LED Exam Light

LM-80 Qualified • LM-79 Certified Photometry Up to 60,000 Hour Life • Antimicrobial Trim

8"

LED

Specifications

Delivered System Performance*

- Standard NFL distribution: 4787 delivered lumens / 82 LPW / 0.4 SC
- -MFL: 4221 lumens / 72 LPW / 0.7 SC. • 55 watt LED array. 3500°K standard
- (or see Options -30K or -41K). • Up to 85 CRI and 60,000 hour life (L70). For 90+ CRI, see Option -HC.
- Option -43: 3300 lumen / 42 watt series package instead.
- · Fully sustainable: removable for servicing. **Thermal Management System**

 All aluminum proprietary heat sink, components and housing maximize cool operation and long life while minimizing maintenance.

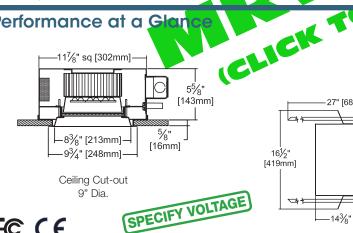
LED Power Supply - INTERNAL

- Suitable for outdoor / indoor use: -30°C (-22°F) to 60°C (140°F).
- 120-277V / 50-60Hz standard. Load insensitive.
- 0-10V CCR dimming standard. (100-10%
- For Lutron HiLume dimming, see -29 Optional remote SmartSupply™ driver in ons and details. see Option -SS for restricti

Thermal Protection

- OLTAGE Thermal protector insulation dete UL/NEC. Must specify input voltage. Trim and Lens Assembly
- Vandal resistant smooth seamless tapered

Performance at a G





aluminum self-flanged flare 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.
- Regressed high strength prismatic acrylic above 1/8" clear flat polycarbonate diffuser.
- Continuous ring secures lenses to trim.
- Tamperproof tool included.
- See Option -GE for green filter.
- 5X Sealed and Gasketed • (1) Silicone seal between trim and lens seals lens to trim, (2) closed cell gasketing betwee trim and housing flange seals trim to housii (3) closed cell gasketing on trim ige seals flange to ceiling (4) closed ell gasketing on to ceiling and (5) bottom pan seals ho neoprene O-ring s steel fastene seal faste 2 CFN N/L 83 restric
 - naxin Enameled Alum Im Housing
- f and corresion resistant: E It ASTM 5% salt spray test. Rustpro
- lepth fits restricted plenu ool operation: Extends life of all
- Fully sustainable Entire Iu icludina e, is modular, easily visible a LED light

Exceptional

Energy

Efficiency

[302mm]

FFF

27" [686mm]

ah aperture plaster flange

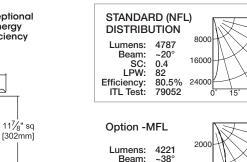
161/2"

[419mm]



Impact Resistant Lens & Trim Sealed housing design available e, see -SH. **Outlet Box** with UL listed insulated removable red 14 GA (NEC) with ½" and ¾" COV knockout tallation Rece<mark>ss in</mark>door or outdoor. Ac<mark>commod</mark>ates ceilings up to 1¼" thick or Option -79. 27" galvanized hanger bars with adjustable mounting brackets (2) supplied. UL, C-UL (Canada) Listings • Wet, damp or dry locations, covered ceilings. ough-branch conductors (4 #12 AWG FCC Compliance Vleets IEC/EN 60601-1-2 electromagnetic compatibility standard for medical electrical compatibili equipment. CC Part 15 certified for EMI/RFI emissions. **FIVE YEAR** ÷) **Limited Warranty** Year • Complete standard fixture.

MRV-08534







90

75

THE **KIRLIN** COMPANY

14³⁄8" [364mm]

3401 EAST JEFFERSON AVENUE • DETROIT, MICHIGAN 48207-4232 (313) 259-6400 • Fax: (313) 259-9409 OR (313) 259-3121 • www.kirlinlighting.com

*See note next page

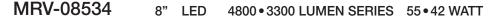
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MEDICAL FACILITY - LED EXAM LIGHTING

CATALOG NUMBER

MRV-08534

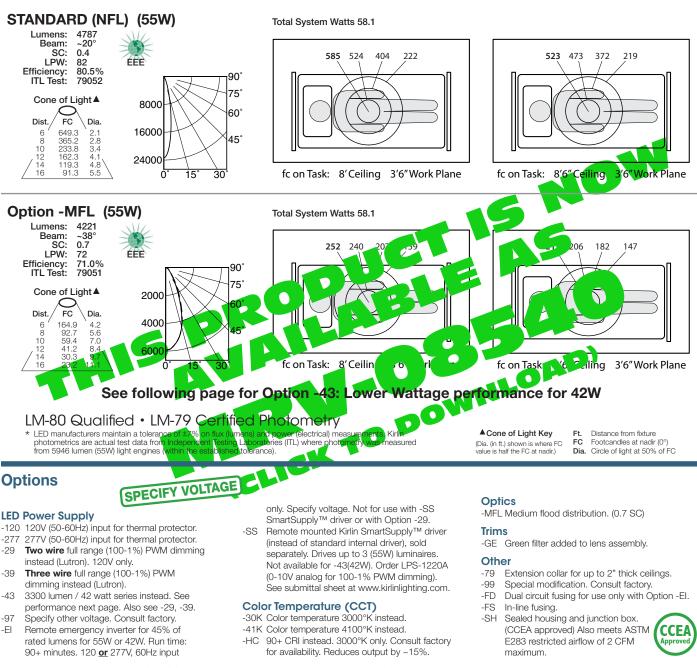
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE. THE KIRLIN COMPANY EXPECTS PHOTOMETRIC PERFORMANCE TO IMPROVE SIGNIFICANTLY AND FREQUENTLY AS LED SOURCE TECHNOLOGY IMPROVES.



Footcandle Distribution Data



- as measured at the work plane (3'6").
- 2. The work plane (3'6") is defined as: examination bed height, plus patient body depth.



EMI-21220 SmartPower™ Emergency Back-Up System: see www.kirlinlighting.com

SUBMITTAL DATA

JOB NAME TYPE

WATTAGE

VOLTAGE

CATALOG NUMBER

LIMITED WARRANTY: CATALOGED KIRLIN FIXTURES price on presentation of proof of purchase and defective fixture at the warranties, expressed or implied. Seller does not warrant as to merch afte WARRAUTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIA FOR THERE VEARS FROM DATE OF PURCHASE. INSTALLED TO N.E.C., a filtes of manufacture within thee years of original signment. Libility of manufacture is limited to the toregoing, and manufacture is than to be labele for any other damages, direct or indirect manufacture within these years of original signment. Libility of manufacture is limited to the toregoing, and manufacture is than to be labele for any other damages, direct or indirect manufacture in the statement of the signment and the avarantly or animet in the specific warrant. Advanture is the statement of the specific warrant is an advanture in the specific warrant is advanture in the specific warrant in the specific warrant is advanture in the specific warrant in the specific warrant in the specific warrant in the specific warrant is advanture in the specific warrant in the specific warrant in the specific warrant in the specific warran IN NORMAL sustained or suffered dification of the fixture USE . Mar a OUALIFIED

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

Photometric testing done in accordance with IESNA LM-79-08





APPROVAL STAMP



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OPTION -43: LOWER WATTAGE PERFORMANCE

Footcandle Distribution Data

- All lighting levels are expressed in average footcandles, with distances expressed in feet, as measured at the work plane (3'6").
 The work plane (3'6") is defined as: examination bed height, plus patient body depth.
- Photometry from I.T.L., Boulder, CO Photometric testing done

in accordance with IESNA LM-79-08

Option -43(42W) STANDARD (NFL)



LM-80 Qualified • LM-79 Certified Photometry

* LED manufacturers maintain a tolerance of ±7% on flux (lumens) and power (electrical) measurements. Kirlin photometrics are actual test data from Independent Testing Laboratories (ITL) where photometry was measured from 4427 lumen (42W) light engines (within the established tolerance).

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

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

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