



M-Series Reflector LED FIXTURE – DC_{input}

Low Profile High Lumen LED Downlight
Fully Integrated LED Light Fixture

SPECIFICATIONS & FEATURES

OVERVIEW – 100,000 hour life lowers operating and virtually eliminates maintenance costs where they are typically the highest. This high performance, high lumen fixture with 4-wire SimpleNet digital dimming makes this an ideal fixture for retro-fitting incandescent, HPS, HID or fluorescent fixtures with 8 – 24 feet ceiling heights.

WHERE TO USE – Interior or exterior under covered surface, new construction and/or retro-fit installations where surface mount or pendant mount lighting is required. Install in RM, NC, IC, ICAT & Fire Rated applications.

TYPICAL APPLICATIONS – Commercial, industrial, institutional and hospitality applications where general illumination is required. Examples include; parking garages, retail, Canopy, Storerooms, classrooms, ballrooms, porte-cochere, warehouses & more.

DESIGN & CONSTRUCTION – Patented design utilizing Light Forward Heat Forward thermal management. 100% aluminum with 40% recycled content. Fixture is recyclable. Durable powder coated finish.

MOUNTING/INSTALLATION – *New Construction:* mounts directly into any standard 1900 (4S using IA01 adapter) or Octagonal JBox. *Retrofit or Pendant:* using rigid metal conduit or equivalent into 1900 (4S) or Octagonal J-Box.

ULTRA LOW PLENUM – only requires the depth of installed J-Box.

ELECTRICAL – Low voltage input, Class 2 capable.

DIMMING – Digital control input using Silescent SimpleNet communications protocol and Silescent TouchControl wall switches. Custom interface capable using Silescent DCI modules. Provides smooth dimming throughout the dimming range (1 – 100%).

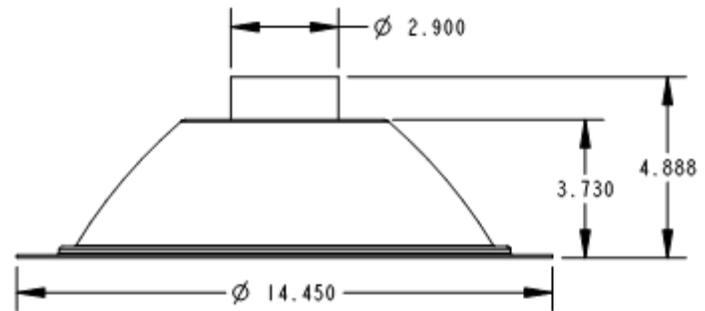
ADVANCED INTELLIGENT LIGHT ENGINE – Active thermal feedback monitors both LED & driver to protect against risk of overheating and assuring expected life.

LISTINGS & COMPLIANCE – UL1598 surface mount listed Canada & US (ETL label), wet location under cover ceiling. RoHS compliant.

WARRANTY – 5 year limited warranty, both LED and driver. Full warranty details available at www.silescent.com

MADE IN USA – Both driver and fixture are designed, engineered and manufactured by Silescent Lighting in Ft. Lauderdale FL (ARRA & NAFTA compliant).

Item Code	Type
Project	
Comments	Date
Prepared by	



OPTIONS

FINISH – Powder Coat Finish Standard. Custom colors available upon request (RAL).

WATTAGE LEVELS – Available in 20, 25, 30 & 40watts. Custom wattages or lumen levels available upon request.

LAMP TEMPERATURES (CCT) – 2700, 3000, 3500, & 4000 Kelvin (CRI>80), 5000 Kelvin (65CRI), (5000 Kelvin, CRI>80 available upon request).

OPTIC – Diffused light providing wide area dispersion, 170 degree beam spread.

ELECTRICAL DATA

- **Operating Temp:** -40C to +75C
- **Ambient Temp:** <35C
- **Operating Voltage:**
 - **HD3** 42 – 60VDC (48VDC Nominal)
 - **DD3** 12 – 36VDC (12/24VDC Nominal)
- **Rated Wattage:** up to 40 watts (*see individual fixture photometrics*)

ORDERING INFORMATION

Sample Number: MR14C03DD350TD240w

Series	Style/Size	Finish/Color	Driver	Color	Optics	Wattage Levels
M	R14	C03	DD3	50	TD2	40w
M - MidBay Fixt.	R14 - Reflector 14in	C03 - PC-MatteWh	DD3 - 12/24VDC _{in} HD3 - 48VDC _{in}	51 - 5000K (80CRI) 50 - 5000K (65CRI) 40 - 4000K (80CRI) 35 - 3500K (80CRI) 30 - 3000K (80CRI) 27 - 2700K (80CRI)	TD2 - Diffuser	20w - 20 watts 25w - 25 watts 30w - 30 watts 40w - 40 watts

