



Model: M12-AC

M-SERIES, 12inch SURFACE MOUNT – AC_{input}
LED Low Bay Downlight
Low Profile, Fully Integrated LED Light Fixture

SPECIFICATIONS & FEATURES

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

TYPICAL APPLICATIONS – Commercial, hospitality, residential, and industrial locations where general illumination is required. Use in breezeways, corridors, offices, hotels, conference rooms, kitchens, multi-family, garages & more.

DESIGN & CONSTRUCTION – Patented low profile planer design utilizing Light Forward Heat Forward thermal management. 100% aluminum with 40% recycled content. Fixture is >90% recyclable. Durable powder coated finish.

MOUNTING/INSTALLATION – *New Construction*: mounts directly into any 2-1/8" deep, 4" Octagonal JBox or 1900-4S JBox. *Refit*: mounts directly into any 4" or larger recessed fixture with Silescent **Recessed Can Conversion Kit**.

CEILING THICKNESS – Up to 3 inches thick (ceiling depths > 3" available as custom).

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

ELECTRICAL – Approved for feed through wiring.

DIMMING – Provides both 120VAC Triac/Phase dimming (0.5% - 100% continuous dimming) & Silescent 4-wire digital SimpleNet control. See Silescent Dimming Capabilities and Compatibility chart at www.silescent.com.

LIGHT DISTRIBUTION – Wide Area Distribution, 170 degrees.

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

SERIAL NUMBER CONTROL – Addresses legacy lighting concerns. Each light Engine is serial number controlled should a fixture need to be repaired or replaced.

LISTINGS & COMPLIANCE – UL1598 surface mount listed Canada & US (ETL label), wet location under cover ceiling. IP65 & RoHS compliant.

EXTRA LONG LIFE – 100,000 operating hours (e.g., @ 10 hrs/day is > 27 years)

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).

OPTIONS

TRIM RING STYLES – Round-Flat, Square-Flat.

FINISH – Powder Coat Finish Standard. Custom plating & colors available (RAL).

LAMP TEMPERATURES (CCT) – 2700, 3000, 3500, 4000 & 5000 Kelvin (CRI>80). 70 & 90 CRI available upon request.

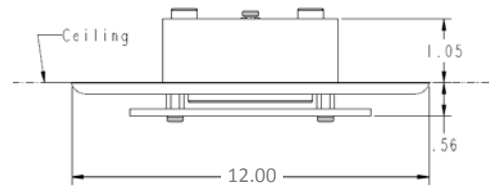
OPTICS – Wide Area Distribution (~170° distribution) or 60° cut-off (~90° beam)

WATTAGE LEVELS – Available in 30 or 40 watts.

Item Code	Type
Project	
Comments	Date
Prepared by	



DM1 Diffuser Shown



ELECTRICAL DATA

- **Operating Temp:** -40C to +40C
- **Ambient Temp:** <35C
- **Operating Voltage:**
 - **LP3** 103 – 125VAC, 50 / 60 Hz (*continuous dimming*)
 - **HN3/HS3** 103 – 285VAC, 50 / 60 Hz
- **Nominal Voltage:** 120/240/277V (specify)
- **Rated Wattage:** ≤40 watts (*see specified fixture photometrics*)

Optic Options:



Shown with MR6 Optic

Sample Number: M121C01HN350DM130w

ORDERING INFORMATION

Series	Style/Size	Finish/Color	Driver	Color	Optics	Wattage Levels
M12	1	C01	HN3	50	DM1	40w
M12 - 10in Surface	1 - Round/Flat 3 - Sqr/Flat	C01 - PC-White C08 - PC-Black	LP3 - 120VAC _{in} , Triac HN3 - 120/277V, On/OFF HS3 - 120/277VAC _{in} , SN	27 - 2700K (80CRI) 30 - 3000K (80CRI) 35 - 3500K (80CRI) 40 - 4000K (80CRI) 50 - 5000K (80CRI)	DM1 - Diffuser MR6 - 60° Cutoff	30w - 30 watts 40w - 40 watts

