



# Model: R12-AC

R-SERIES, Reflective LED Fixture – AC<sub>input</sub>  
20 – 40 watts, Fully Integrated LED Light Fixture

## SPECIFICATIONS & FEATURES

**WHERE TO USE** – This high performance, high lumen fixture with dimming options makes this an ideal fixture for retro-fitting incandescent, HPS, HID or fluorescent fixtures with ≤20 feet ceiling heights.

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

**DESIGN & CONSTRUCTION** – Reflective design utilizing patented thermal management methods. 100% aluminum with 40% recycled content. Fixture is >90% recyclable. Durable powder coated finish.

**MOUNTING/INSTALLATION** – *New Construction or Retrofit:* Offered as Surface, Rigid Pipe or Cord Mount (specify). Cord mount is provided with 6ft cord.

**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](http://www.silescent.com).

**LIGHT DISTRIBUTION** – Acrylic diffuser provides wide area dispersion with a perfect balance between light transmission and diffusion enhancing the environment with light and brilliance. Resistant to traces of wear and weather, 11 times the impact strength of glass, 100% recyclable and 30 year non-yellowing properties!

**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.

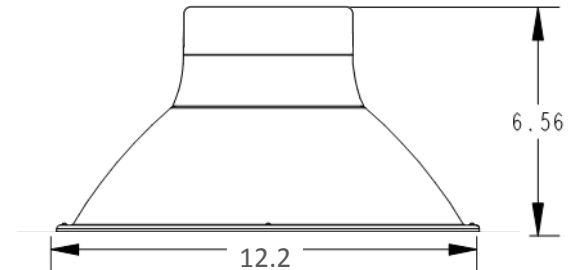
**LISTINGS & COMPLIANCE** – UL1598 surface/pendant mount listed Canada & US (ETL label). IP65 & RoHS compliant.

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

**WARRANTY** – 5 year limited warranty, both LED and driver. Full warranty details available at [www.silescent.com](http://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	



## 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:** up to 40 watts (*see specified fixture photometrics*)

## OPTIONS

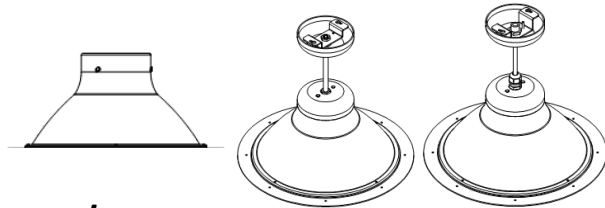
**MOUNTING** – Available for Surface, Rigid Pipe or Cord Mounting.

**FINISH** – Durable Powder Coat Finish Standard. Custom colors available (RAL).

**CONTROL** – Instant ON/OFF, Phase Control (@120VAC) or Silescent 4-wire Digital Dimming (down to 20%), specify accordingly.

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

**WATTAGE LEVELS** – Available in 20, 30 & 40watts.



## ORDERING INFORMATION

Sample Number: R12PC03HN35040w

Series	Mounting/Style	Finish/Color	Driver	Color	Wattage Levels
R12	P	C03	HN3	50	40w
R12 - Refl. Luminaire	P - Rigid Pipe C - Cord S - Surface	C03 - PC-MatteWh	LP3 - 120VAC <sub>in</sub> , Triac HN3 - 120/277V, On/OFF HS3 - 120/277VAC <sub>in</sub> , SN	27 - 2700K (80CRI) 30 - 3000K (80CRI) 35 - 3500K (80CRI) 40 - 4000K (80CRI) 50 - 5000K (80CRI)	20w - 20 watts 30w - 30 watts 40w - 40 watts

