LED Recessed Fixture

20watt, 6" Recessed Mount Low LED Downlight
120VAC$_{in}$, Dimming

Features & Benefits

This elegant LED recessed fixture delivers both high lumen and crisp lighting that can brighten up any environment. Easy mounting accommodates both new construction and retro-fit installations.

ENERGY EFFICIENT – This high lumen, low wattage product offers exceptional energy efficient value.

MAINTENANCE FREE – Eliminates costly bulb and/or ballast replacements, lens cleaning/replacements due to UV yellowing and is corrosion resistant. Reduces unnecessary landfill & disposal.

ARCHITECTURALLY PLEASING DESIGN – This fashionable fixture looks outstanding in either the ON or OFF state.

PLEASING LAMP COLOR – High CRI value (>80) delivering pure (visible) light spectrum lighting originating from the highest quality COB array's producing the most vibrant of colors.

LIGHT DISTRIBUTION – Directional down light distribution.

DIMMING – 120VAC dimming capable; see Silescent Dimming Capabilities and Compatibility chart available at www.silescent.com

ENVIRONMENTALLY FRIENDLY – No Hazardous Mercury Content.

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

THERMAL MANAGEMENT - Patented (No.'s: 7,810,960 & 8,360,614) HEAT FORWARD/LIGHT FORWARD proprietary technology using its thermal radiating trim ring which also provides mounting and style.

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

EASY MOUNTING/INSTALLATION – *New Construction/Retrofit*: easily mounts into any 6-8inch hole opening using adapter plate (kit P/N: IR01).. Install in RM, IC, ICAT & Fire Rated applications.

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

Specifications

TRIM RING STYLE – 9 inch diameter trim.
TRIM FINISH – Standard Powder Coat White Finish.
INPUT VOLTAGE – 120VAC$_{in}$ (Silescent LP3 driver)
LAMP TEMPERATURES (CCT) – 2700 Kelvin (CRI>80)
WATTAGE – 20 watts.
FIXTURE WEIGHT – 1.2lbs

Standard options available upon request (Finish & CCT). Pricing & lead-times may be affected. Contact Manufacturer.

ELECTRICAL DATA

- **Operating Temp:** -40°C to +40°C
- **Ambient Temp:** <35°C
- **Nominal Voltage:** 120 VAC$_{in}$
- **Operating Voltage:** 103 – 125 VAC, 50 / 60 Hz

PERFORMANCE SUMMARY

- **Lumens:** 1600 lumens *(delivered)*
- **Wattage:** 20 watts
- **Efficacy:** **80 lumens/watt**
- **CCT:** 2700 Kelvin (>80CRI)
- **IP Rating:** IP65 rated

MADE IN USA

Silescent Lighting Corp. • 1417 S.W. 1st Ave. • Ft. Lauderdale, FL 33315 • P: 877.766.8448 • F: 954.206.0071 • www.silescent.com • info@silescent.com

UPC: 692193787914: 120VACin, 2700k, 20.8 Watts, 1,668.6 Delivered Lumens, 80.2 Lm/W (measured)
Mfr Item Code: C06AC01LP327RP120w

Polar Candela Distribution

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	627.4	37.6%
0-40	1,060.9	63.6%
0-60	1,525.4	91.4%
60-90	142.9	8.6%
70-100	65.6	3.9%
90-120	0.3	0%
0-90	1,668.3	100%
90-180	0.3	0%
0-180	1,668.6	100%

Lumens Per Zone

Zone	Lumens	% Total
0-10	73.2	4.4%
10-20	215.7	12.9%
20-30	338.5	20.3%
30-40	433.5	26.0%
40-50	363.7	21.8%
50-60	100.8	6.0%
60-70	77.6	4.6%
70-80	47.1	2.8%
80-90	18.2	1.1%

Illuminance at a Distance

.ies files available upon request
(contact manufacturer)
File: TR217-T11

New-Construction Mounting

Typical installation view reflecting New Construction mounting.

Remodel Mounting

Typical Installation Views using universal mounting bracket for easy installation of either new construction or retrofit.

UPC: 692193787914	Type
Project:	
Comments:	Date
Prepared by:	