AUDITORIUM / THEATRE LED FIXTURE

Low Profile High Lumen LED Downlight
30watt, 120VAC$_{in}$, Dimming, 60°Cutoff Angle

FEATURES & BENEFITS

Silescent Auditorium / Theatre lighting was designed to be a direct fixture replacement for existing high wattage incandescent lamp types whether recessed or pendant mounted for either new construction or 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 in difficult to replace fixture locations. Reduces unnecessary landfill & disposal.

DIMMING – Provides Triac/Phase Dimming (conventional incandescent wall dimmer). See Silescent Dimming Capabilities and Compatibility chart available at www.silescent.com

ARCHITECTURALLY PLEASING DESIGN – The design patented fixture (No.: D604,008) 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.

CONTROLLED LIGHT DISTRIBUTION – 120 degree light distribution (60 degree Cutoff) directing light to where it's wanted.

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 provides the longest operating life in the industry.

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 & Surface Mount Retrofit*: mounts directly into any standard 1900 (4S) or Octagonal JBox. *Recessed Can Retrofit*: mounts directly into any 4" or larger recessed fixture with Silescent single or 2-piece mount kit. *Pendant*: using rigid metal conduit or equivalent into 1900 (4S) or Octagonal J-Box. *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).

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:** 1935 lumens *(delivered)*
- **Wattage:** 30 watts
- **Efficacy:** 64.5 lumens/watt
- **CCT:** 4000 Kelvin (>80CRI)
- **IP Rating:** IP65 rated

SPECIFICATIONS

THERMAL RING STYLE – 10 inch, Round-Flat Thermal Ring.
FINISH – Standard Powder Coat Black Finish.
INPUT VOLTAGE – 120VAC$_{in}$ (Silescent LP3 driver)
LAMP TEMPERATURES (CCT) – 4000 Kelvin (CRI>80)
OPTIC – 60 degree cutoff angle, 120 degree distribution.
WATTAGE – 30 watts.
FIXTURE WEIGHT – 1.6lbs

Standard options available upon request (Finish & CCT). Pricing & Manufacturer.

MADE IN USA

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Silescent LED **Auditorium/Theatre, 30w, 120VAC$_{in}$ LED FIXTURE** Photometric Data

M1018LP30-MR6: 60 degree cutoff, 120VACin, 4000k, 28.6 Watts, 1844.2 Delivered Lumens, 64.5 Lm/W (measured)

Lumens Per Zone

Zone	Lumens	% Total
0-10	106.8	5.8%
10-20	293.8	15.9%
20-30	409.4	22.2%
30-40	456.0	24.7%
40-50	368.5	20.0%
50-60	158.4	8.6%
60-70	30.2	1.6%
70-80	13.4	0.7%
80-90	7.8	0.4%

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	810.0	43.9%
0-40	1,266.0	68.6%
0-60	1,792.9	97.2%
60-90	51.4	2.8%
0-90	1,844.2	100%

.ies files available upon request
(contact manufacturer)

Seamless integration with the auditorium's lighting systems allowed for easy installation and high quality functionality.

Typical Installation Views mounting directly into standard octagonal or square junction Box.

Catalog #:	M1018LP30-MR6	Type
Project:		
Comments:		Date
Prepared by:		