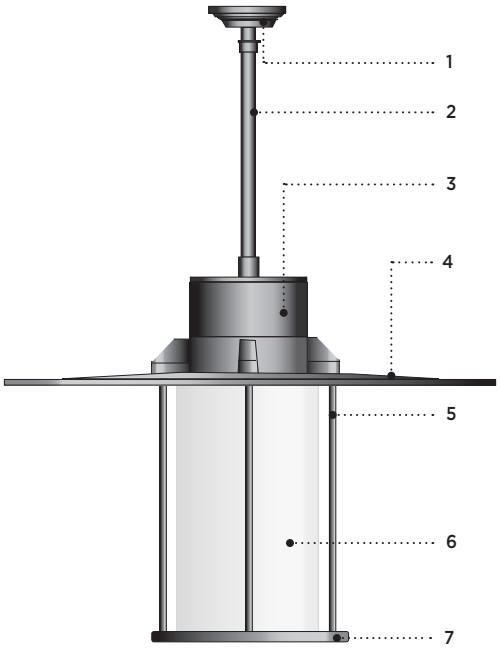
LUMINIS®

EC640/EC641 SERIES
ECLIPSE MINI - LED
6" PENDANT

TYPE: _____ QUANTITY: _____ PROJECT: _____

CATALOG NUMBER:								
	FIXTURE	WATTAGE	VOLTAGE	FINISH	OPTION	OPTION	OPTION	OPTION



1- Standard heavy duty 45º hang straight swivel, with 5" diameter (127) canopy and universal mounting plate.
2- 7/8" diameter (22) X36" long (900). Precut factory stems are available on request. (Specify STM with desired length)
3- LED driver housing.
4- One piece .090" (2.3) thick hard aluminum top shade. Underside surface is painted white enamel to optimize light performance (EC641 only).
5- Set of 4x 1/2" (13) solid aluminum struts.
6- High impact white translucent UV stabilized acrylic diffuser.
7- Heavy cast aluminum cover with integral LED heat dissipating pad.

EC640



EC641



MATERIALS
Eclipse Mini is made of corrosion resistant 356 aluminum alloy with a copper (CU) content of less than 0.1%.
Cast aluminum heat sink to optimize heat management and luminaire efficacy.
LED platform is mechanically secured and easily removable for maintenance or upgrade.
EC640: Standard luminaire for general illumination without shade.
EC641: Includes a .090" thick hard aluminum shade. Underside surface is painted white enamel to optimize light performance.

ELECTRICAL
LED

DRIVER Standard driver is 0-10V dimming-ready (dims to 10%) with: 120-277 multi-volt compatibility (50-60Hz), optional 347V on request, minimum operating temperature of -30ºC/-22ºF, output over voltage protection, output over current protection, output short circuit protection with auto-recovery, and over temperature protection (110ºC).

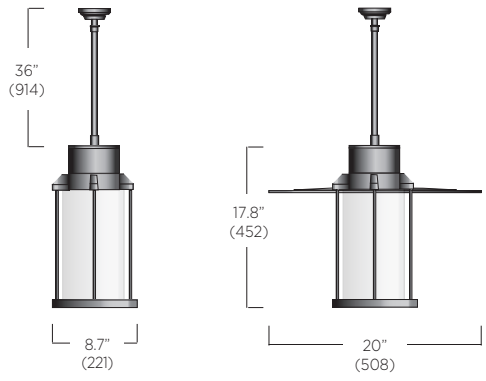
LED Standard 4000K/80CRI. Optional 2700K, 3000K and 3500K. Removable modular LED platform.

LIFE
60,000hrs $L_{86}B_{50}$ (based on IESNA TM-21 Test Method and LM-80 data).
139,000hrs $L_{70}B_{50}$ (calculated projection from LM-80 data).

FINISH
Five-stage preparation process includes preheating of cast aluminum parts for air extraction. Polyester powder coating is applied through an electrostatic process, and oven cured for long term finish.

MOUNTING
Maximum weight: 8.07lbs (3.66kg)
Mounts on a standard 4" (102) octagonal electrical box with 3 1/2" (89) C/C mounting holes. On site conditions may require separate mounting (by others).

CERTIFICATION
Tested to UL1598 and CSA 22.2 #250. ETL listed damp location.
Photometric testing performed by an independent laboratory in accordance with IES LM-79-08 standards at 25ºC. Lumen depreciation in accordance with IESNA LM80 standards. CE certification on request.
Rated IP44.



EC640
EPA: 0.7

EC641
EPA: 0.83

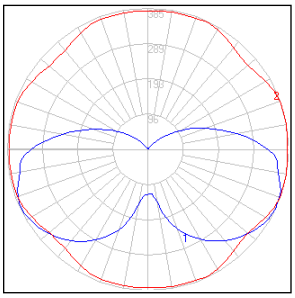
Mar 2017 Rev.0

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260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

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Luminaires may be altered for design improvement or discontinued without prior notice.

TYPICAL PHOTOMETRY SUMMARY



Descriptive Information

EC640/EC641-L1W48r0

Total Lms: 2812 Lumens
Total Input Watts: 49.6 W
Source: LED
Efficacy: 56.7 Lumens/Watt
BUG: B1-U3-G2
CCT/CRI: 4000K/80
Maximum Candela: 385 @ 65ºV

Please visit our web site www.luminis.com for complete I.E.S. formatted download data.

LUMINAIRE SELECTION

MODEL#



☐ EC640



☐ EC641

LED LIGHT SELECTION (4000K/80CRI)

SUFFIX	INPUT WATTS	DELIVERED LUMENS
☐ L1W18r1	19W	1160
☐ L1W30r1	34W	2006
☐ L1W48r0	50W	2812

VOLTAGE [1]

☐ 120V
☐ 277V

Optional
☐ 347V

FINISH

STANDARD COLORS

☐ WHT Snow white
☐ BKT Jet black
☐ BZT Bronze
☐ MST Matte silver
☐ GRT Titanium gray
☐ DGT Gun metal
☐ CHT Champagne

OPTIONAL COLORS

☐ CS Custom color
☐ RAL RAL# color

(Refer to color chart)

OPTIONS

ELECTRICAL

☐ **REML2-50** Remote mount battery backup for LED. 90 min, 7W. Remote mount to 50ft. 12" square enclosure with access cover.
☐ **FS** Fuse
☐ **PH** Photocell
☐ **DLO** Luminous opening for downlight
☐ **347L** 347V input power driver

LIGHT

Alternate CCT ºK LED (LCF: Lumen conversion factor)

☐ **K27** 2700K CCT 80 CRI (LCF: 0.91)
☐ **K3** 3000K CCT 80 CRI (LCF: 0.94)
☐ **K35** 3500K CCT 80 CRI (LCF: 0.98)

NOTE: Other CCT & higher CRI available, please consult factory.

MOUNTING

☐ **CAT2** Catenary suspension attachment
☐ **STC** Safety cable
☐ **STM** Longer hang straight stem. Please add length with option suffix.
☐ **SPG** Silver braided power cord with adjustable suspension cable. 36" in length (other lengths available, please specify).
☐ **SSC** Stabilizer cables
☐ **WET** Modification for wet location

NOTES
1- If no voltage is specified, luminaires are factory prewired by default for 120V. For other voltages, please specify with catalog number, or consult factory.

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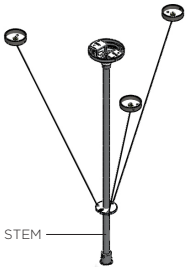
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OPTIONS

MOUNTING

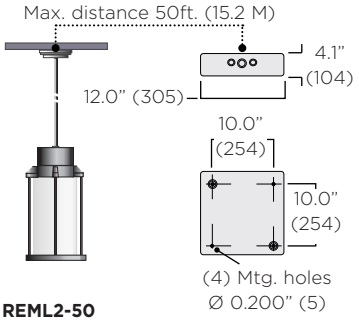


SPG
4/18 X 36" lg. Silver braided power cable C/W on site adjustable suspension cable. Longer suspension available on request.

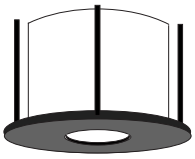


SSC
Set of three stabilizer cables.

ELECTRICAL

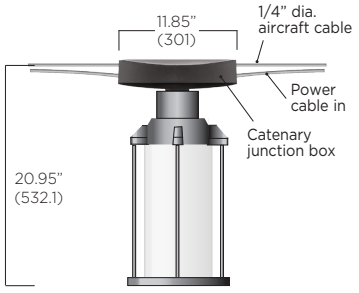


REML2-50
7W Remote mount 120/277V emergency battery pack.



DLO
Luminous opening for downlight.

CATENARY SUSPENSION



CAT2
Cast aluminum catenary junction box with (2) 1/2" sealed connectors for power cable. Ready to accept 1/4" stainless steel suspension cable. (Structural design, power cable, stainless steel catenary cable, cable fittings, and fittings for mounting to support structure provided by others.)

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