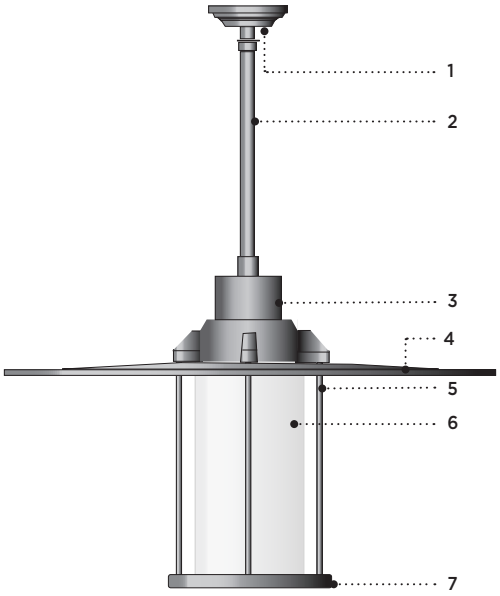
LUMINIS®

EC840/EC841 SERIES
ECLIPSE MAXI - LED
8" Pendant

TYPE: _____ QUANTITY: _____ PROJECT: _____

CATALOG NUMBER:								
	FIXTURE	WATTAGE	VOLTAGE	FINISH	OPTION	OPTION	OPTION	OPTION



Eclipse is made for indoor general illumination or exterior canopy lighting for building perimeters and entrances. The cylindrical luminous diffuser provides general space illumination.

1- Standard heavy duty 45º hang straight swivel, with 5" diameter (127) canopy and universal mounting plate.
2- 7/8" diameter (22) X 36" 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 (EC841 only).
5- Set of 4 X 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.

EC840



EC841



MATERIALS
Eclipse 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.

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).

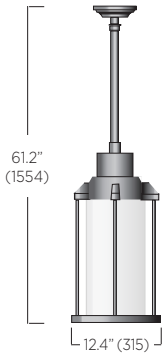
LED Standard 4000K CCT/ 80 CRI. Optional 2700K, 3000K and 3500K. Optional 97 CRI for critical color rendering. Removable modular LED platform.

LIFE
75,000hrs $L_{86}B_{50}$ (based on IESNA TM-21 Test Method and LM-80 data).
145,000hrs $L_{70}B_{50}$ (calculated projection from LM-80 data).

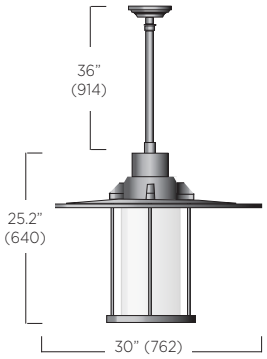
FINISH
Five-stage preparation process including preheating of cast aluminum parts for air extraction, and an environmentally friendly alloy sealant. Polyester powder coating is applied through an electrostatic process and oven cured for long term finish.

MOUNTING
Maximum weight: 27lbs (12kg)
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.



EC840
EPA: 0.96



EC841
EPA: 1.25

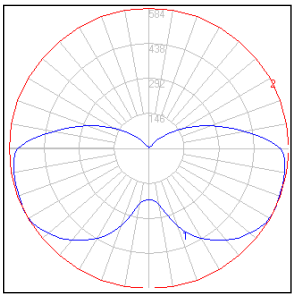
June 2017 Rev.0

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LUMINIS.COM

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

TYPICAL PHOTOMETRY SUMMARY



Descriptive Information

EC840-L1W65r1
EC841-L1W65r1

Total Lms: 4553 Lumens
Total Input Watts: 60.1 W
Source: LED
Efficacy: 75.7 Lumens/Watt
BUG: B2-U4-G3
CCT/CRI: 4000K/80
Maximum Candela: 584 @ 65ºV

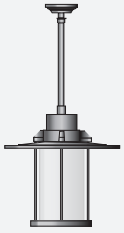
Please visit our web site www.luminis.com for complete I.E.S. formatted download data.

LUMINAIRE SELECTION

MODEL#



☐ EC840



☐ EC841

LED LIGHT SELECTION

SUFFIX	INPUT WATTS	DELIVERED LUMENS	CRI	CCT ºK
☐ L1W18r1	22W	1805		
☐ L1W30r1	38W	3035	80	4000K
☐ L1W48r1	51W	3891		
☐ L1W65r1	60W	4553		

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[2]
☐ **PH** Photocell[2]
☐ **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- Luminaires are factory prewired for 120V (if no voltage is specified). For other voltages, please specify with catalog number or consult factory.
2- Fuse and photocell options are normally installed with poles when specified with Luminis luminaires (except for other types of mounting).

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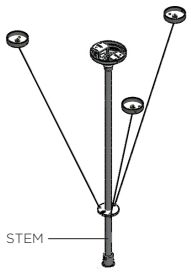
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OPTIONS

MOUNTING

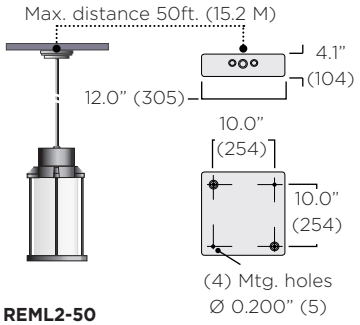


SPG
4/18 X 36" lg. Silver braided power cable C/W on site adjustable suspension cable. Longer suspension available on request.

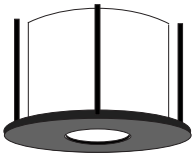


SSC
Set of three stabilizer cables.

ELECTRICAL

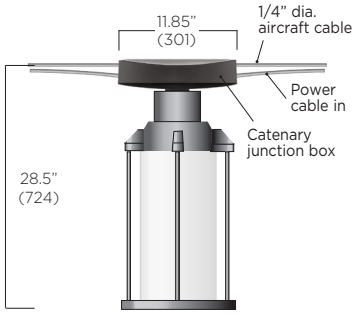


REML2-50
7W Remote mount 120/277V emergency battery pack.



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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