PROJECT NAME: **QUANTITY:**   **TYPE:**

ORDERING CODE:

① Field-cuttable suspension stem or black power cable with aircraft safety cable. Also, offered with a catenary suspension attachment.

② Sleek and timeless silhouette with no visible hardware. Features a die-cast aluminum housing with an internally sealed driver.

③ Recessed optical lens that delivers three distinct comfort light distributions: symmetric, asymmetric and pathway.

④ High-performance and efficient LED engine featuring glare-reducing technology, delivering a uniformly illuminated surface enhancing visual comfort

EG151-STM

EG151-SPG

EG151-CAT3

MATERIALS

Ellington's main housing is made of corrosion resistant A360 aluminum alloy, ensures optimal heat dissipation and a copper content of less than 0.1%. The optical lens is made of acrylic.

ELECTRICAL DRIVER

Driver is 0-10V dimming-ready (dims to 1%) with: 120-277 multi-volt (50-60Hz) or 347-480 high-volt (50-60Hz), operating temperature range of -40ºC/-40ºF to 45ºC/113ºF, output over voltage protection, output over current protection and output short circuit protection with auto-recovery.

LED LIGHT ENGINE

Offered in 2700K/3000K/3500K/4000K CCT with 80 CRI. 70% LED lumen maintenance at 60,000 hours (L70/B50) based on IESNA LM-80-08 LED extrapolated life, calculated per IESNA TM-21-21.

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.

CERTIFICATION

UL Certified to Canadian and U.S. safety standards. Certified for use in wet locations. Rated IP56/IK07. Photometric testing performed by an independent laboratory in accordance with IES LM-79-08 standards at 25°C. Actual performance may differ as a result of end-user environment and application.

DESIGN

Ellington mostly consists of aluminum (housing) and PMMA (optical lens), both of which are recyclable materials. In addition, its design minimizes the amount of assembling hardware needed. It can also be quickly disassembled to facilitate recycling.

WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: https://www.acuitybrands.com/support/warranty/terms-and-conditions

MOUNTING

The mounting plate is designed to fit on a 4" (102mm) octagonal electrical box using 3.5" (89mm) C/C mounting holes. For CAT3: see option details.

MEASUREMENTS

Maximum weight: 12.07 lbs (5.47 kg)
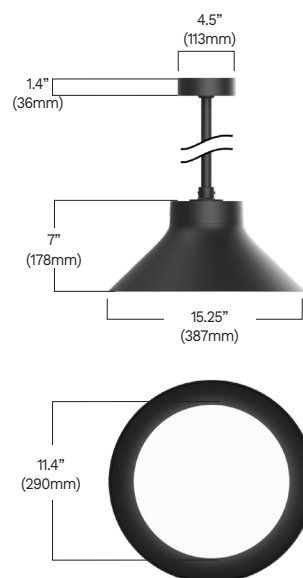
4.5" (113mm)

1.4" (36mm)

7" (178mm)

15.25" (387mm)

11.4" (290mm)

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ORDERING CODE

*SERIES	*DOWNLIGHT OUTPUT		*DISTRIBUTION		*CCT		*VOLTAGE		*MOUNTING	
EG151	L2L20	2250 lm / 25w	SYM	Symmetric	27K	2700K	MVOLT	120V-277V	CAT3	Catenary suspension attachment
	L2L30	3180 lm / 37w	ASY	Asymmetric	30K	3000K	HVOLT	347V-480V	SPG	Black power cord with adjustable suspension cables
	L2L40	4087 lm / 50w	PATH	Pathway	35K	3500K			STM	Field-cuttable hang straight suspension stem
	L2L50	5042 lm / 64w[1]			40K	4000K				
	L2L60	6661 lm / 90w[2]								

Delivered lumens calculated at 4000K/80CRI. Symmetric distribution. Refer to reference table for outputs at other distribution types. Typical power consumption. Refer to LCF table for outputs at other CCTs.

SUSPENSION LENGTH		MOUNTING ACCESSORY		CONTROLS		FUSE		MOTION SENSOR		SURGE PROTECTOR	
12IN	12"	STC	Set of 3 stabilizer cables[3]	NLTH	nLight AIR 2.0 integrated in head[4]	FS	Fuse	MS	Motion sensor inside luminaire[5]	SP	Surge protector
24IN	24"										
36IN	36"										
48IN	48"										
60IN	60"										

Available up to 240" in 12" increments. Required field for SPG, STM.

EMERGENCY		*FINISH		ENVIRONMENT	
REM7	Remote emergency battery, 90 min, 7W[6]	BKT	Jet black	MG	Marine grade paint[9]
		BZT	Bronze	NT	Natatorium suitable[10]
		CHT	Champagne		
		DGT	Gun metal		
		GRT	Titanium gray		
		MST	Matte silver		
		SGT	Steel gray		
		WHT	Snow white		
		CMC	Custom matched color[7]		
		RAL	RAL color[8]		

NOTES
*- Denotes a required field
1- Available only with SYM and PATH.
2- Available only with SYM.
3- Available only with STM.
4- Not available with MS, HVOLT. Must link to external nLight Air network. Dims to 10%.
5- Not available with NLTH, REM7, HVOLT

6- Remote mount 50ft - 12" (305mm) square enclosure with access cover. The remote enclosure must be interior (cable by others). Not available with CAT3, HVOLT.
7- Contact factory to coordinate custom matching color.
8- Specify RAL number.
9- Marine grade paint for harsh, coastal environment and exposure to salt water. Additional delay required.
10- Available only in WHT and BKT finish.

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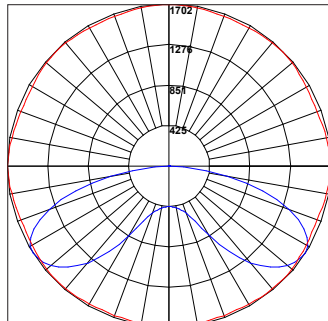Toll free: (866) 586-4647 | Fax: (514) 683-8872 | Email: info@luminis.com
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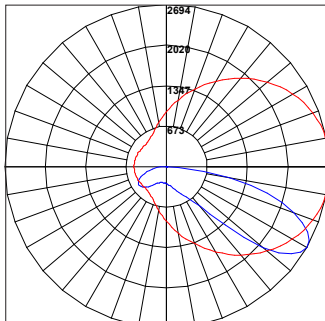
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TYPICAL PHOTOMETRY SUMMARY
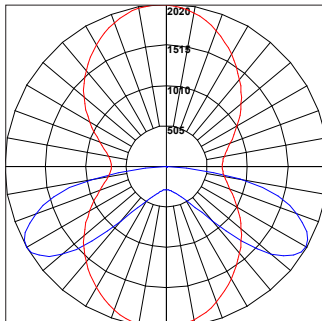
EG151-L2L60-SYM

Total Lms: 6661 Lumens
Total Input Watts: 90 W
Efficacy: 74 Lumens/Watt
BUG: B3-U0-G2
CCT/CRI: 4000K/80
Maximum Candela: 1702@
180°H/57.5°V

EG151-L2L40-ASY

Total Lms: 4645 Lumens
Total Input Watts: 92 W
Efficacy: 51 Lumens/Watt
BUG: B1-U0-G2
CCT/CRI: 4000K/80
Maximum Candela: 2694@
7.5°H/60°V

EG151-L2L50-PATH

Total Lms: 5001 Lumens
Total Input Watts: 92 W
Efficacy: 54 Lumens/Watt
BUG: B3-U0-G3
CCT/CRI: 4000K/80
Maximum Candela: 2020@
92.5°H/60°V

SYM – LUMEN CONVERSION FACTOR (LCF)		
CCT	CRI	LCF
2700K	80	0.91
3000K	80	0.94
3500K	80	0.98
4000K	80	1.00

ASY/PATH – LUMEN CONVERSION FACTOR (LCF)		
CCT	CRI	LCF
2700K	80	0.94
3000K	80	0.94
3500K	80	1.00
4000K	80	1.00

All Photometry shown use the 80CRI 4000K LEDs.
Please visit our web site www.luminis.com for complete I.E.S. file.

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REFERENCE TABLE – LIGHT OUTPUT

SYM – SYMMETRIC

	TOTAL LMS/WATTS	EFFICACY	BUG
L2L20	2250 lm / 25.4 w	89 lm/w	B1-U0-G1
L2L30	3180 lm / 37.4 w	85 lm/w	B2-U0-G1
L2L40	4087 lm / 49.9 w	82 lm/w	B2-U0-G1
L2L50	5042 lm / 64 w	79 lm/w	B2-U0-G1
L2L60	6661 lm / 90 w	74 lm/w	B3-U0-G2

ASY – ASYMMETRIC

	TOTAL LMS/WATTS	EFFICACY	BUG
L2L20	2051 lm / 37 w	55 lm/w	B1-U0-G1
L2L30	3350 lm / 63 w	53 lm/w	B1-U0-G1
L2L40	4645 lm / 92 w	51 lm/w	B1-U0-G2

PATH – PATHWAY

	TOTAL LMS/WATTS	EFFICACY	BUG
L2L20	2107 lm / 35.1 w	60 lm/w	B1-U0-G1
L2L30	3056 lm / 52.7 w	58 lm/w	B2-U0-G2
L2L40	4070 lm / 72.6 w	56 lm/w	B2-U0-G2
L2L50	5001 lm / 92 w	54 lm/w	B3-U0-G3

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OPTION DETAILS

5.50"
(140mm)

Ø 1/4" aircraft cable

12.5"
(318mm)

15.25"
(387mm)

ANGLE ADJUSTMENT MECHANISM

12°

12°

Power cable in: 3 conductor x 14 gauge AWG. The 2 cable glands located at the top can accommodate a cable ranging from **10mm - 14mm**.

Control cable in: The 2 cable glands on the bottom can accommodate a cable ranging from **6mm - 11mm**.

CAT3
Cast aluminum catenary junction box with 4 sealed connectors by Luminis and pre-inserted into housing. Ready to accept 1/4" or 1/2" stainless steel suspension cable. Weight: 29.5 lbs (13.4 kg) / EPA: 0.19 ft²
(Structural design, power cable, control cable, stainless steel catenary cable, cable fittings, and fittings for mounting to support structure provided by others.)
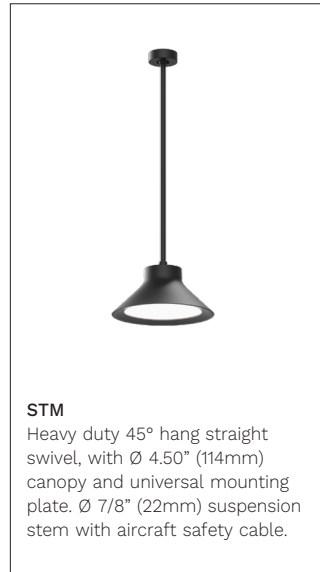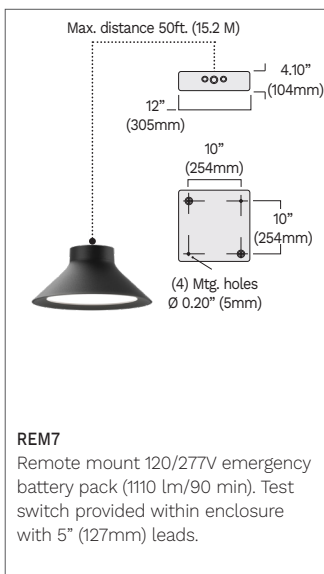
STM
Heavy duty 45° hang straight swivel, with Ø 4.50" (114mm) canopy and universal mounting plate. Ø 7/8" (22mm) suspension stem with aircraft safety cable.
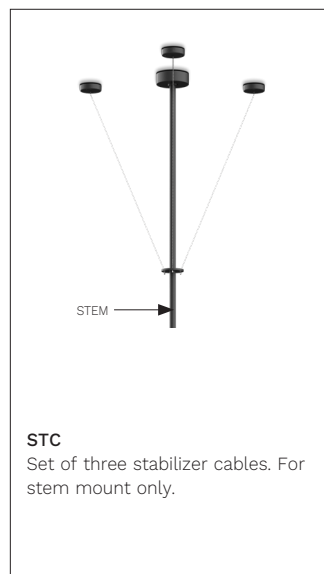
SPG
Black power cord with onsite adjustable aircraft safety cable, consisting of 3 long cables joined Ø 4.50" (114mm) canopy.

Max. distance 50ft. (15.2 M)

4.10"
(104mm)

12"
(305mm)

10"
(254mm)

10"
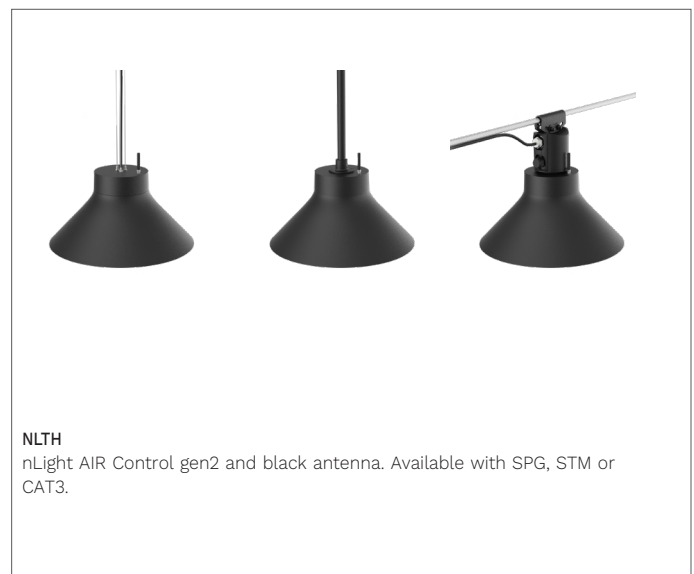(254mm)

(4) Mtg. holes Ø 0.20" (5mm)

REM7
Remote mount 120/277V emergency battery pack (1110 lm/90 min). Test switch provided within enclosure with 5" (127mm) leads.

STEM

STC
Set of three stabilizer cables. For stem mount only.

NLTH
nLight AIR Control gen2 and black antenna. Available with SPG, STM or CAT3.

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