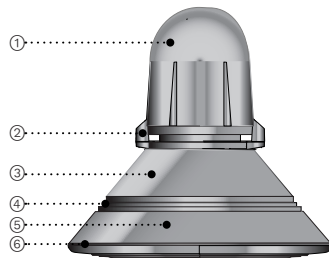


PROJECT NAME:

QUANTITY:

TYPE:

ORDERING CODE:



- ① Cast aluminum driver housing.
- ② Housing/shade assembly hinge mechanism.
- ③ Sealed and isolated LED compartment.
- ④ Cast aluminum shade.
- ⑤ LED optical control silicone lenses.
- ⑥ Hinged cast aluminum lens frame.



SR137

## MATERIALS

Sciocco is made of corrosion resistant 356 aluminum alloy with a copper (CU) content of less than 0.1%. COB LED is assembled on a thick pad housing chamber designed with a heat sink pattern to optimize heat dissipation and luminaire efficacy. The power supply is enclosed in an isolated chamber allowing quick access for electrical maintenance without disturbing the optical chamber. COB LED is removable and replaceable for ease of maintenance or lighting upgrade.

## ELECTRICAL DRIVER

Driver is 0-10V dimming-ready (dims to 10%) with: 120-277 multi-volt compatibility (50-60Hz), operating temperature range of -30°C/-22°F to 60°C/140°F, output over voltage protection, output over current protection and output short circuit protection with auto-recovery.

## LED LIGHT ENGINE

Type II, III, IV or V light distribution via high performance optical lenses. Offered in 3000K, 3500K, 4000K with 80 CRI. 70% LED lumen maintenance at 60,000 hours (L70/60,000) based on IESNA LM-80-08 LED extrapolated life, calculated per IESNA TM-21-21. Optional true amber LED for turtle sensitive areas. Wavelengths: 585nm to 597nm.

## FINISH

Five-stage preparation process including preheating of cast aluminum parts for air pocket 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 IP65. 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.

## WARRANTY

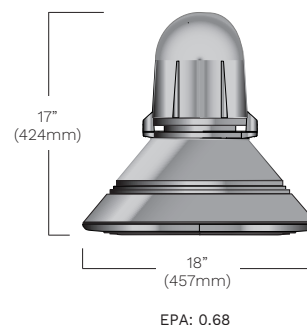
5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: <https://www.luminis.com/technical/warranty/>

## MOUNTING

Mounts on a standard 4" (102mm) octagonal electrical box with 3.5" (89mm) C/C mounting holes. Fixture must be installed on a finished ceiling for exterior applications and/or when exposed to inclement weather.

## MEASUREMENTS

Maximum weight: 31 lbs (14.1 kg)




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SR137  
Rev. 02/27/24

## ORDERING CODE

*SERIES	*LIGHT OUTPUT	* DISTRIBUTION	*CCT <sup>4</sup>	*VOLTAGE	*MOUNTING
<b>SR137</b> 	<u>Static White</u> <b>L1L25</b> 2665 lm / 18w <b>L1L40</b> 4243 lm / 36w <b>L2L40</b> 7937 lm / 69w  <u>True Amber<sup>1</sup></u> <b>L1LK2A</b> 388 lm / 17w <b>L2LK2A</b> 776 lm / 34w  <small>Delivered lumens calculated at 4000K/80CRI except for amber. Type V distribution. Typical power consumption. Refer to LCF table for outputs at other CCTs.</small>	<b>LD2</b> Type II <b>LD3</b> Type III <b>LD4</b> Type IV <b>LD5</b> Type V	<b>30K</b> 3000K <b>35K</b> 3500K <b>40K</b> 4000K <b>AMB</b> Wavelengths: 585nm to 597nm	<b>120</b> 120V <b>277</b> 277V <b>347</b> 347V <b>480</b> 480V <b>HVOLT</b> 347V-480V <b>MVOLT</b> 120V-277V	<b>CAT3</b> Catenary suspension attachment  <b>SPG</b> Silver braided power cord with aircraft cable <sup>2</sup>  <b>STM</b> Field-cutable hang straight stem

SUSPENSION LENGTH	MOUNTING ACCESSORY	CONTROLS	FUSE	PHOTOCELL
<b>12IN</b> 12" <b>24IN</b> 24" <b>36IN</b> 36" <b>48IN</b> 48" <b>60IN</b> 60"  <small>Available up to 240" in 12" increments. Required field for SPG, STM.</small>	<b>STC</b> Set of 3 stabilizer cables <sup>3</sup>	<b>NLTAIR2</b> nLight AIR 2.0 control embedded in canopy with black antenna <sup>4</sup>	<b>FS</b> Fuse	<b>PH</b> Photocell <sup>5</sup>

SURGE PROTECTOR	SHIELDING ACCESSORIES	*FINISH	ENVIRONMENT
<b>SP</b> Surge protector	<b>BLC</b> Back light control <sup>6</sup>	<b>BKT</b> Jet black <b>BZT</b> Bronze <b>CHT</b> Champagne <b>DGT</b> Gun metal <b>GRT</b> Titanium gray <b>MST</b> Matte silver <b>SGT</b> Steel gray <b>WHT</b> Snow white  <b>CMC</b> Custom matched color <sup>7</sup> <b>RAL</b> RAL color <sup>8</sup>	<b>MG</b> Marine grade paint <sup>9</sup>

## NOTES

- \*- Denotes a required field
- 1- Available only with AMB.
- 2- Not suitable for outdoor locations.
- 3- Available only with STM.
- 4- Available only with 120V or 277V. Installed in Ø11" or Ø15" canopy with STM. Refer to the mounting image for more details. Not available with PH, CAT3, AMB, MG.
- 5- Not available with LD5. Can be installed in the field.
- 6- Not available with 480 or 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.

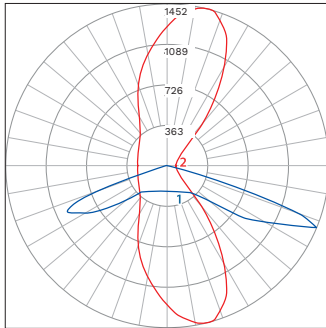
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## TYPICAL PHOTOMETRY SUMMARY

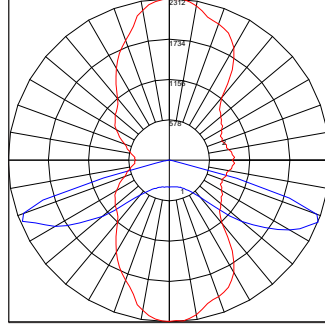
### TYPE II

#### SR137-L1L25-LD2



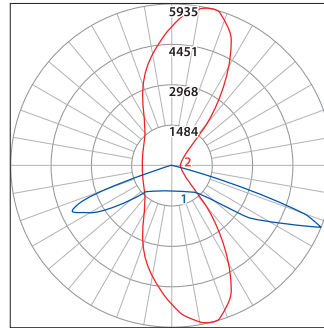
**Total Lms:** 2619 Lumens  
**Total Input Watts:** 18.5 W  
**Efficacy:** 141.57 Lumens/Watt  
**BUG:** B2-U0-G2  
**Cutoff Class:** Full Cutoff  
**CCT/CRI:** 4000K/80  
**Maximum Candela:** 1452 (85°H, 67.5°V)

#### SR137-L1L40-LD2



**Total Lms:** 4170 Lumens  
**Total Input Watts:** 34.33 W  
**Efficacy:** 121.47 Lumens/Watt  
**BUG:** B2-U0-G2  
**Cutoff Class:** Full Cutoff  
**CCT/CRI:** 4000K/80  
**Maximum Candela:** 2312 (85°H, 67.5°V)

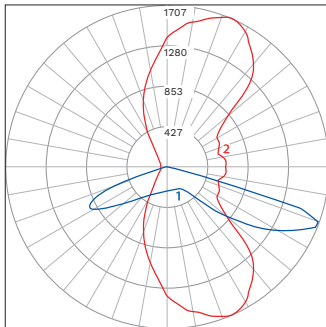
#### SR137-L2L40-LD2



**Total Lms:** 7994 Lumens  
**Total Input Watts:** 68.66 W  
**Efficacy:** 116.43 Lumens/Watt  
**BUG:** B3-U0-G3  
**Cutoff Class:** Full Cutoff  
**CCT/CRI:** 4000K/80  
**Maximum Candela:** 5935 (77.5°H, 67.5°V)

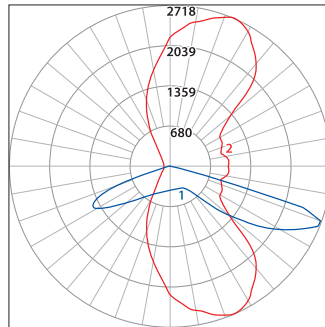
### TYPE III

#### SR137-L1L25-LD3



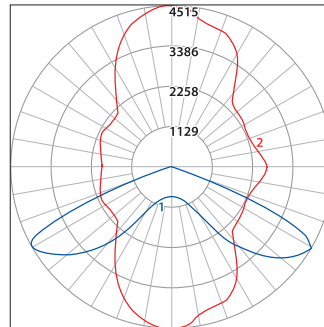
**Total Lms:** 2760 Lumens  
**Total Input Watts:** 18.5 W  
**Efficacy:** 149.19 Lumens/Watt  
**BUG:** B1-U0-G1  
**Cutoff Class:** Full Cutoff  
**CCT/CRI:** 4000K/80  
**Maximum Candela:** 1707 (65°H, 70°V)

#### SR137-L1L40-LD3



**Total Lms:** 4395 Lumens  
**Total Input Watts:** 38.3 W  
**Efficacy:** 114.75 Lumens/Watt  
**BUG:** B2-U0-G2  
**Cutoff Class:** Full Cutoff  
**CCT/CRI:** 4000K/80  
**Maximum Candela:** 2718 (65°H, 70°V)

#### SR137-L2L40-LD3



**Total Lms:** 8697 Lumens  
**Total Input Watts:** 75.59 W  
**Efficacy:** 115.05 Lumens/Watt  
**BUG:** B3-U0-G3  
**Cutoff Class:** Full Cutoff  
**CCT/CRI:** 4000K/80  
**Maximum Candela:** 4515 (90°H, 60°V)

All Photometry shown use the 80CRI 4000K LEDs.  
 Please visit our web site [www.luminis.com](http://www.luminis.com) for complete I.E.S. file.

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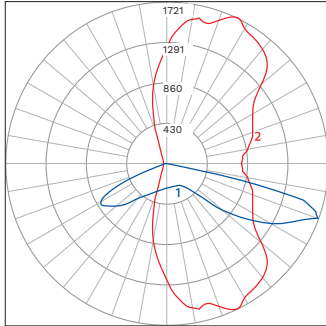
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## TYPICAL PHOTOMETRY SUMMARY

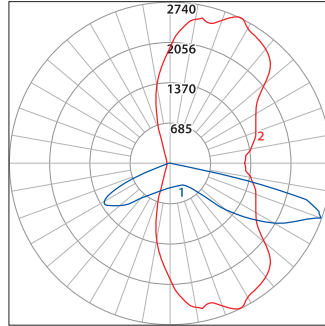
### TYPE IV

#### SR137-L1L25-LD4



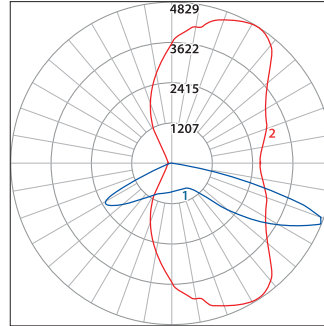
**Total Lms:** 2822 Lumens  
**Total Input Watts:** 18.5 W  
**Efficacy:** 152.54 Lumens/Watt  
**BUG:** B1-U1-G1  
**Cutoff Class:** Full Cutoff  
**CCT/CRI:** 4000K/80  
**Maximum Candela:** 1720 (65°H, 70°V)

#### SR137-L1L40-LD4



**Total Lms:** 4493 Lumens  
**Total Input Watts:** 38.25 W  
**Efficacy:** 117.46 Lumens/Watt  
**BUG:** B2-U1-G1  
**Cutoff Class:** Full Cutoff  
**CCT/CRI:** 4000K/80  
**Maximum Candela:** 2740 (65°H, 70°V)

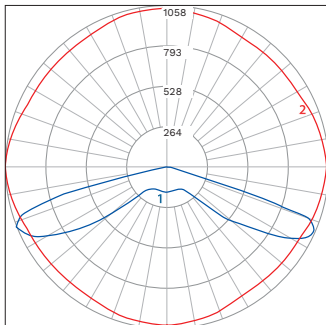
#### SR137-L2L40-LD4



**Total Lms:** 8482 Lumens  
**Total Input Watts:** 75.21 W  
**Efficacy:** 112.78 Lumens/Watt  
**BUG:** B2-U1-G2  
**Cutoff Class:** Full Cutoff  
**CCT/CRI:** 4000K/80  
**Maximum Candela:** 4829 (57.5°H, 67.5°V)

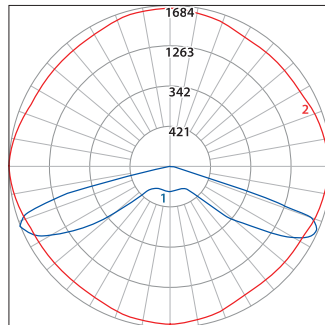
### TYPE V

#### SR137-L1L25-LD5



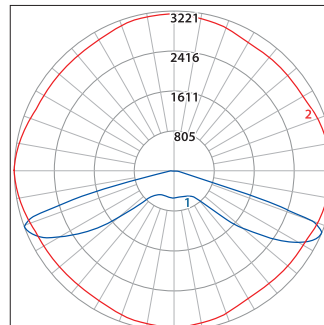
**Total Lms:** 2665 Lumens  
**Total Input Watts:** 18.5 W  
**Efficacy:** 144.05 Lumens/Watt  
**BUG:** B2-U0-G1  
**Cutoff Class:** Full Cutoff  
**CCT/CRI:** 4000K/80  
**Maximum Candela:** 1057 (180°H, 67.5°V)

#### SR137-L1L40-LD5



**Total Lms:** 4243 Lumens  
**Total Input Watts:** 35.71 W  
**Efficacy:** 118.82 Lumens/Watt  
**BUG:** B3-U0-G1  
**Cutoff Class:** Full Cutoff  
**CCT/CRI:** 4000K/80  
**Maximum Candela:** 1684 (180°H, 67.5°V)

#### SR137-L2L40-LD5



**Total Lms:** 7937 Lumens  
**Total Input Watts:** 68.67 W  
**Efficacy:** 115.58 Lumens/Watt  
**BUG:** B3-U0-G2  
**Cutoff Class:** Full Cutoff  
**CCT/CRI:** 4000K/80  
**Maximum Candela:** 3221 (65°H, 67.5°V)

All Photometry shown use the 80CRI 4000K LEDs.  
Please visit our web site [www.luminis.com](http://www.luminis.com) for complete I.E.S. file.

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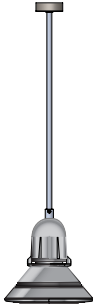
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REFERENCE TABLE - LIGHT OUTPUT

SERIES	LIGHT OUTPUT - STATIC WHITE	
SR137	<u>Type II</u>	
	L1L25	2619 lm / 18w
	L1L40	4170 lm / 34w
	L2L40	7994 lm / 69w
	<u>Type III</u>	
	L1L25	2760 lm / 18w
	L1L40	4395 lm / 38w
	L2L40	8697 lm / 76w
	<u>Type IV</u>	
	L1L25	2822 lm / 18w
	L1L40	4493 lm / 38w
	L2L40	8482 lm / 75w

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

## OPTION DETAILS



### STM

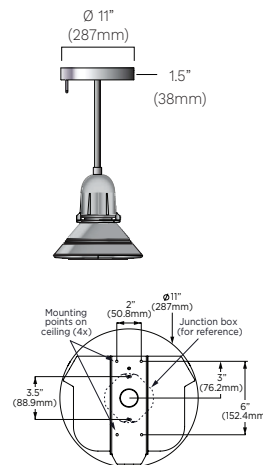
Heavy duty 45° hang straight swivel. Ø 7/8" suspension stem with aircraft safety cable.



### SPG

Silver braided power cable, with stainless steel adjustable cable.

### CANOPY TOP VIEW

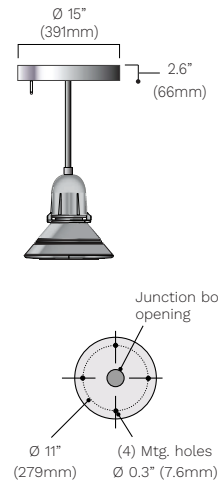


### NLTAIR2

Ø 11" canopy with nLight AIR Control gen2 and black antenna. Available only with STM.

For the following light sources:  
L1L25, L1L40

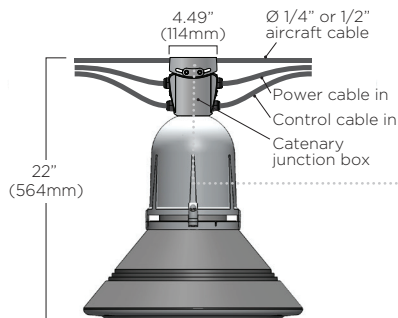
### CANOPY TOP VIEW



### NLTAIR2

Ø 15" canopy with nLight AIR Control gen2 and black antenna. Available only with STM.

For the following light sources:  
L2L40



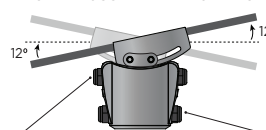
### CAT3

Cast aluminum catenary junction box with 2 sealed connectors for 0.24"-0.47 (6mm-12mm) power cable. Ready to accept 1/4" or 1/2" stainless steel suspension cable.

Weight: 34.3 lbs (15.6 kg)

(Structural design, power cable, control cable, stainless steel catenary cable, cable fittings, and fittings for mounting to support structure provided by others.)

### ANGLE ADJUSTMENT MECHANISM



**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.



### STC

Set of three stabilizer cables