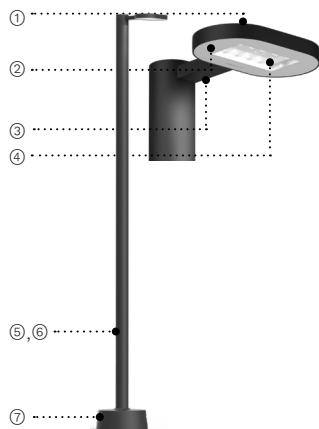


PROJECT NAME:

QUANTITY:

TYPE:

ORDERING CODE:



- ① Durable and corrosion-resistant die-cast aluminium housing marries form and function, ensuring timeless elegance.
- ② Meticulously crafted die-cast white bezel, designed to enhance white contrast and reduce the perception of glare.
- ③ Arm molded seamlessly into the main housing ensures durability and easy installation on the Ø3" (76mm) pole.
- ④ U0 and G1 rated light engine featuring an outstanding silicone lens. Provided with Roadway IES Type distributions.

TR900 & PRS3 POLE (ORDERED SEPARATELY)

- ⑤ Slim and secure Ø3" (Ø76mm) pole, made from high-grade extruded aluminium going up to 13' (4m).
- ⑥ Minimalist and seamless access door held by a single screw.
- ⑦ Rigorously developed solid base concealed by a modern cover, ensuring design uniformity.



TR900 - shown with PRS3 pole

MATERIALS

Trilo is made from durable A360 aluminium alloy, ensuring optimal heat dissipation and a copper content of less than 0.1%. The housing utilizes watertight and airtight gaskets rubber. Features a UV-resistant silicone lens.

ELECTRICAL DRIVER

Driver is 0-10V dimming ready (min. dim 10%) with 120-277 multivolt (50-60Hz) or 347-480 high-volt (50-60Hz), operating temperature range of -40°C/-40°F to 55°C/131°F, 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. Optional true amber LED for turtle sensitive areas. Wavelengths: 585nm to 597nm.

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.

CERTIFICATION

UL Certified to Canadian and U.S. safety standards. Certified for use in wet locations. Rated IP55/IK6. 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

One of the product's key attributes is its dedicated 3" diameter pole with heights up to 13 feet. Over 90% by weight of the single-head fixture with a 13-foot pole is made of aluminum, a material that is generally recyclable where appropriate facilities are available and accept such items for processing upon proper disassembly at the end of its life.

WARRANTY

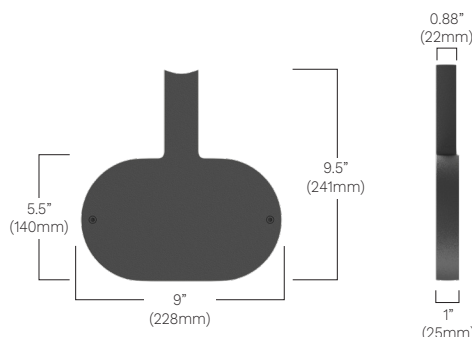
5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: <https://www.acuitybrands.com/support/warranty/terms-and-conditions>

MOUNTING

Designed to fit on Luminis PRS3 pole (Ø3" (76mm) OD pole) with a set of two (2x) 18-8 stainless steel hex screws, thread size of 1/4"-20. Twin mount available, refer to TR902 spec sheet.

MEASUREMENTS

Maximum weight: 4.5 lbs (2.02 kg)
EPA: 0.07 ft²




LUMINIS.COM

Toll free: (866) 586-4647 | Fax: (514) 683-8872 | Email: info@luminis.com
260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

TR900
Rev. 06/16/25

ORDERING CODE

*SERIES	*LIGHT OUTPUT	*DISTRIBUTION	*CCT	*VOLTAGE	CONTROLS
TR900  <p>Pole to be ordered separately. Refer to PRS3 spec sheet.</p>	<u>Static White</u> L1L21 2391 lm / 18w L1L31 3469 lm / 28w L1L41 4480 lm / 39w L1L51 5432 lm / 49w <u>True Amber</u> L1LK2A 219 lm / 17w ¹ <small>Delivered lumens calculated at 4000K/80CRI for static white. LD5 distribution. Typical power consumption. Refer to LCF table for outputs at other CCTs.</small>	LD1 TYPE I LD2 TYPE II LD3 TYPE III LD4 TYPE IV LD5 TYPE V	27K 2700K 30K 3000K 35K 3500K 40K 4000K AMB Wavelengths: 585nm to 597nm	MVOLT 120V-277V HVOLT 347V-480V ²	NLTH nLight AIR 2.0 ³

PHOTOCELL	MOTION SENSOR	*FINISH	ENVIRONMENT
PH7 7-PIN receptacle with photocell sensor PHSC 7-PIN receptacle with shorting cap preinstalled	MS Motion sensor	BKT Jet black BZT Bronze CHT Champagne DGT Gun metal GRT Titanium gray MST Matte silver SGT Steel gray WHT Snow white CMC Custom matched color ⁴ RAL RAL color ⁵	MG Marine grade paint ⁶



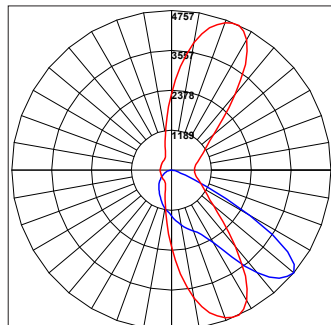
Must be ordered with Luminis PRS3 pole
Refer to PRS3 pole spec sheet.

NOTES

- *- Denotes a required field
- 1- Available only with AMB.
- 2- HVOLT not available with L1L51.
- 3- nLight not available with PH7, PHSC, or MS. Dims to 10%.
- 4- Contact factory to coordinate custom matching color.
- 5- Specify RAL number.
- 6- Marine grade paint for harsh, coastal environment and exposure to salt water. Additional delay required please contact factory for info.

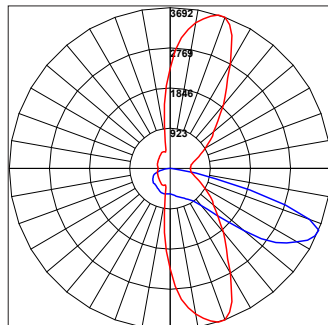
TYPICAL PHOTOMETRY SUMMARY

TR900-L1L51-LD1



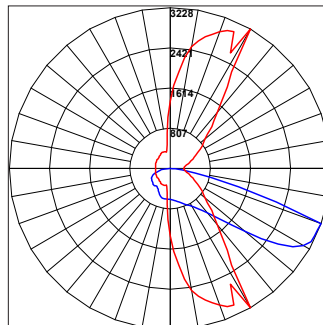
Total Lms: 5093 Lumens
Total Input Watts: 49 W
Efficacy: 105 Lumens/Watt
BUG: B1-U0-G1
CCT/CRI: 4000K/80
Maximum Candela: 4756 @ 65°H/50°V

TR900-L1L51-LD2



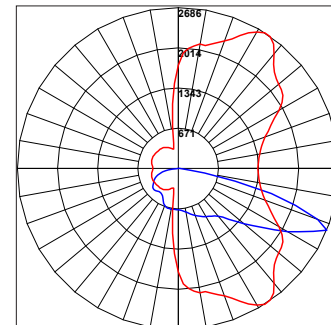
Total Lms: 5010 Lumens
Total Input Watts: 49 W
Efficacy: 103 Lumens/Watt
BUG: B1-U0-G1
CCT/CRI: 4000K/80
Maximum Candela: 3692 @ 70°H/67.5°V

TR900-L1L51-LD3



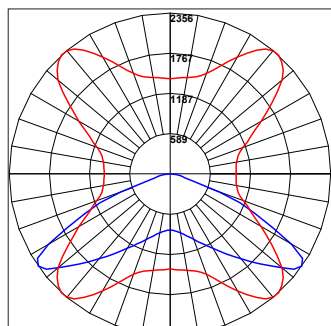
Total Lms: 4986 Lumens
Total Input Watts: 49 W
Efficacy: 102 Lumens/Watt
BUG: B1-U0-G1
CCT/CRI: 4000K/80
Maximum Candela: 3228 @ 60°H/70°V

TR900-L1L51-LD4



Total Lms: 4943 Lumens
Total Input Watts: 49 W
Efficacy: 101 Lumens/Watt
BUG: B1-U0-G1
CCT/CRI: 4000K/80
Maximum Candela: 2686 @ 57.5°H/67.5°V

TR900-L1L51-LD5



Total Lms: 5432 Lumens
Total Input Watts: 49 W
Efficacy: 112 Lumens/Watt
BUG: B2-U0-G1
CCT/CRI: 4000K/80
Maximum Candela: 2356 @ 132.5°H/55°V

LUMEN CONVERSION FACTOR (LCF)

CCT	CRI	LCF
2700K	80	0.92
3000K	80	0.96
3500K	80	0.98
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

LD1 - TYPE I

	TOTAL LMS/WATTS	EFFICACY	BUG
L1L21	2242 lm / 18 w	122 lm/w	B1-U0-G1
L1L31	3252 lm / 28 w	116 lm/w	B1-U0-G1
L1L41	4200 lm / 38 w	110 lm/w	B1-U0-G1
L1L51	5093 lm / 49 w	105 lm/w	B1-U0-G1
L1LK2A	206 lm / 17 w	12 lm/w	B1-U0-G1

LD2 - TYPE II

	TOTAL LMS/WATTS	EFFICACY	BUG
L1L21	2205 lm / 18 w	121 lm/w	B1-U0-G1
L1L31	3199 lm / 28 w	114 lm/w	B1-U0-G1
L1L41	4131 lm / 38 w	108 lm/w	B1-U0-G1
L1L51	5010 lm / 49 w	103 lm/w	B1-U0-G1
L1LK2A	202 lm / 17 w	12 lm/w	B1-U0-G1

LD3 - TYPE III

	TOTAL LMS/WATTS	EFFICACY	BUG
L1L21	2195 lm / 18 w	120 lm/w	B1-U0-G1
L1L31	3184 lm / 28 w	113 lm/w	B1-U0-G1
L1L41	4112 lm / 38 w	107 lm/w	B1-U0-G1
L1L51	4986 lm / 49 w	102 lm/w	B1-U0-G1
L1LK2A	201 lm / 17 w	12 lm/w	B1-U0-G1

LD4 - TYPE IV

	TOTAL LMS/WATTS	EFFICACY	BUG
L1L21	2176 lm / 18 w	119 lm/w	B1-U0-G1
L1L31	3157 lm / 28 w	112 lm/w	B1-U0-G1
L1L41	4076 lm / 38 w	107 lm/w	B1-U0-G1
L1L51	4943 lm / 49 w	101 lm/w	B1-U0-G1
L1LK2A	200 lm / 17 w	12 lm/w	B1-U0-G1

LD5 - TYPE V

	TOTAL LMS/WATTS	EFFICACY	BUG
L1L21	2391 lm / 18 w	131 lm/w	B2-U0-G1
L1L31	3469 lm / 28 w	123 lm/w	B2-U0-G1
L1L41	4480 lm / 38 w	117 lm/w	B2-U0-G1
L1L51	5432 lm / 49 w	112 lm/w	B2-U0-G1
L1LK2A	219 lm / 17 w	12 lm/w	B2-U0-G1

OPTION DETAILS



NLTH 
nLight AIR Control gen2 and black antenna mounted on top of the PRS3 pole as shown.



PH7
7-PIN receptacle with photocell option mounted on top of the PRS3 pole as shown.



PHSC
7-PIN receptacle with shorting cap mounted on top of the PRS3 pole as shown.



MS
Motion sensor module attached to pole.