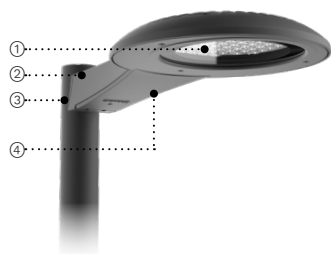


PROJECT NAME:

QUANTITY:

TYPE:

ORDERING CODE:



- ① Optical system assembly with tempered glass lens.
- ② Luminaire shell housing constructed of corrosion resistant cast aluminum. Cast aluminum optical chamber with an integral fin pattern designed for heat dissipation and LED performance optimization.
- ③ Heavy gauge galvanized steel universal mounting plate.
- ④ One piece hinged cast aluminum access cover to electrical components.



MA10

MATERIALS

Maya is made of corrosion resistant 356 aluminum alloy with a copper (CU) content of less than 0.1%. The MA10 features a high efficiency LED light engine, mounted on a thick base integral to the housing shell, designed with a heat sink pattern to optimize heat dissipation and luminaire efficacy. The power supply is enclosed in an isolated chamber allowing a quick access for electrical maintenance without disturbing the optical light chamber.

ELECTRICAL DRIVER

Driver is 0-10V dimming-ready (dims to 10%) with: 120-277 multi-volt compatibility (50-60Hz), operating temperature range of -40°C to +55°C / -40°F to +131°F, output over voltage protection, output over current protection and output short circuit protection with auto-recovery. Optional 347/480V available on selected models.

LED LIGHT ENGINE

Type II, III, IV or V light distribution via high performance optical lenses. Offered in 2700K, 3000K, 3500K, 4000K 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 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

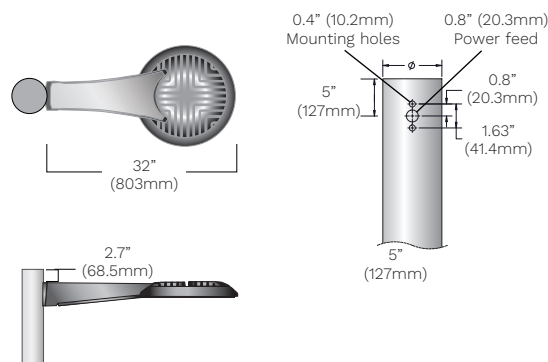
5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: <https://www.acuitybrands.com/support/warranty/terms-and-conditions>

MOUNTING

Maya is designed for ease of access and installation. The luminaire slides over the mounting plate, minimizing installation effort. Designed to fit with a 4" (102mm) pole [5" (127mm) on request]. Alternate poles are available to meet multiple installation conditions.

MEASUREMENTS


Maximum weight: 27 lbs (12.2 kg)
EPA: 0.63



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ORDERING CODE

*SERIES	*LIGHT OUTPUT	*DISTRIBUTION	*CCT ²	*VOLTAGE	*MOUNTING
MA10 	<u>Static White</u>	LD2 Type II	27K 2700K	120 120V	PM Pole mount
	L1L40 4477 lm / 36w	LD3 Type III	30K 3000K	277 277V	PMD Pole mount w/deco stainless rods
	L1L80 8060 lm / 75w	LD4 Type IV	35K 3500K	347 347V	
	L1L120 13244 lm / 125w	LD5 Type V	40K 4000K	480 480V	
	L1L160 16760 lm / 175w		AMB Wavelengths: 585nm to 597nm	HVOLT 347V-480V	
	<u>True Amber</u>			MVOLT 120V-277V	
	L1LK2A 2259 lm / 41w ¹				
Delivered lumens calculated at 4000K/80CRI except for amber. Type V distribution. Typical power consumption. Refer to LCF table for outputs at other CCTs.					

PHOTOCELL	MOTION SENSOR	SURGE PROTECTOR	SHIELDING ACCESSORIES	*FINISH	ENVIRONMENT
PH Photocell ³	MSH PIR motion sensor ⁴	SP Surge protector 10KV	HS House side shield ⁵	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 ⁶ RAL RAL color ⁷	MG Marine grade paint ⁸



Looking for Fuse or nLight Air?
Refer to Luminis pole spec sheets.

NOTES

*- Denotes a required field

1- Available only with AMB option.

2- For IDA certification compliance, luminaire must be ordered with 3000K or warmer.

3- Integral to the luminaire. Available only with 120 or 277.

4- Not available with PH.

5- Not available with LD5. Can be installed in the field. Lumen conversion factor (LCF) 0.8.

6- Contact factory to coordinate custom matching color.

7- Specify RAL number.

8- Marine grade paint for harsh, coastal environment and exposure to salt water. Additional delay required.

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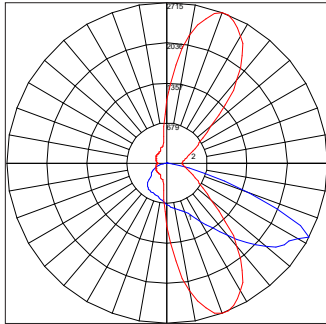
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MA10
Rev. 02/21/25

TYPICAL PHOTOMETRY SUMMARY

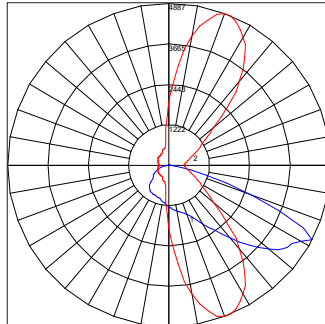
TYPE II

MA10-L1L40-LD2



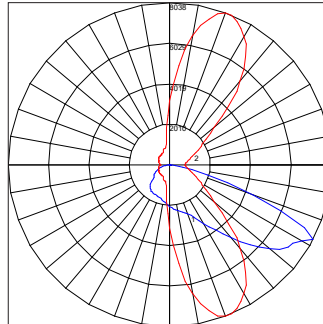
Total Lms: 4202 Lumens
Total Input Watts: 36 W
Efficacy: 117 Lumens/Watt
BUG: B1-U0-G1
Cutoff Class: Full Cutoff
CCT/CRI: 4000K/80
Maximum Candela: 2714.8
 (67.5H, 62.5V)

MA10-L1L80-LD2



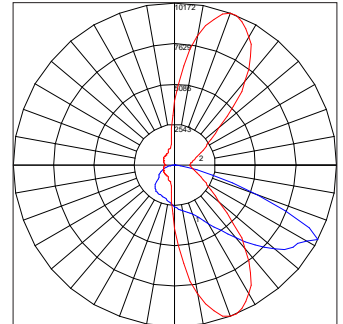
Total Lms: 7563 Lumens
Total Input Watts: 75 W
Efficacy: 101 Lumens/Watt
BUG: B1-U0-G1
Cutoff Class: Full Cutoff
CCT/CRI: 4000K/80
Maximum Candela: 4886.9
 (67.5H, 62.5V)

MA10-L1L120-LD2



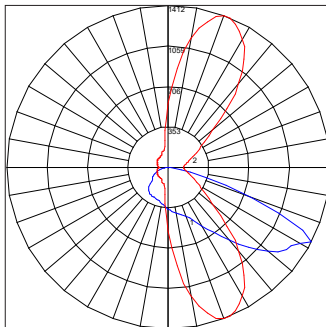
Total Lms: 12440 Lumens
Total Input Watts: 125 W
Efficacy: 100 Lumens/Watt
BUG: B2-U0-G2
Cutoff Class: Full Cutoff
CCT/CRI: 4000K/80
Maximum Candela: 8038.3
 (67.5H, 62.5V)

MA10-L1L160-LD2



Total Lms: 16432 Lumens
Total Input Watts: 169 W
Efficacy: 96 Lumens/Watt
BUG: B2-U0-G2
Cutoff Class: Full Cutoff
CCT/CRI: 4000K/80
Maximum Candela: 10515.35
 (67.5H, 62.5V)

MA10-L1LK2A-LD2



Total Lms: 2186 Lumens
Total Input Watts: 41 W
Efficacy: 53 Lumens/Watt
BUG: B1-U0-G0
Cutoff Class: Full Cutoff
CCT/CRI: Amber
Maximum Candela: 1412.4
 (67.5H, 62.5V)

All Photometry shown use the 80CRI 4000K LEDs.
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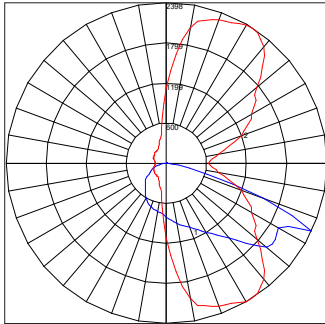
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TYPICAL PHOTOMETRY SUMMARY

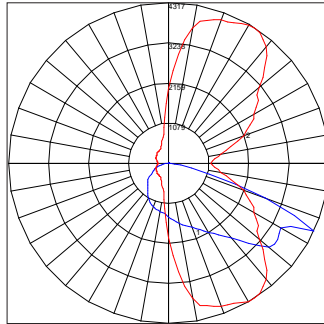
TYPE III

MA10-L1L40-LD3



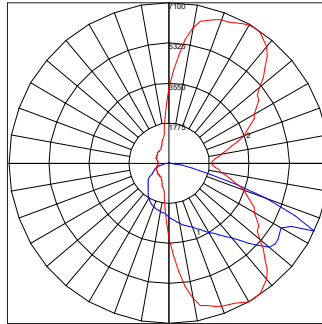
Total Lms: 4405 Lumens
Total Input Watts: 36 W
Efficacy: 122 Lumens/Watt
BUG: B1-U0-G1
Cutoff Class: Full Cutoff
CCT/CRI: 4000K/80
Maximum Candela: 2398.1
 (57.5H, 65V)

MA10-L1L80-LD3



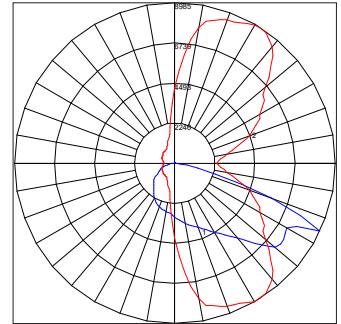
Total Lms: 7931 Lumens
Total Input Watts: 75 W
Efficacy: 106 Lumens/Watt
BUG: B1-U0-G2
Cutoff Class: Full Cutoff
CCT/CRI: 4000K/80
Maximum Candela: 4317.3
 (57.5H, 65V)

MA10-L1L120-LD3



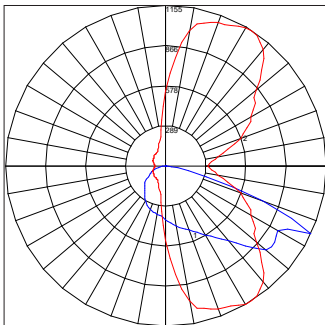
Total Lms: 13043 Lumens
Total Input Watts: 125 W
Efficacy: 104 Lumens/Watt
BUG: B2-U0-G2
Cutoff Class: Full Cutoff
CCT/CRI: 4000K/80
Maximum Candela: 7100.3
 (57.5H, 65V)

MA10-L1L160-LD3



Total Lms: 16505 Lumens
Total Input Watts: 175 W
Efficacy: 94 Lumens/Watt
BUG: B3-U0-G2
Cutoff Class: Full Cutoff
CCT/CRI: 4000K/80
Maximum Candela: 8985.3
 (57.5H, 65V)

MA10-L1LK2A-LD3



Total Lms: 2122 Lumens
Total Input Watts: 41 W
Efficacy: 52 Lumens/Watt
BUG: B1-U0-G1
Cutoff Class: Full Cutoff
CCT/CRI: Amber
Maximum Candela: 1155.2
 (57.5H, 65V)

All Photometry shown use the 80CRI 4000K LEDs.
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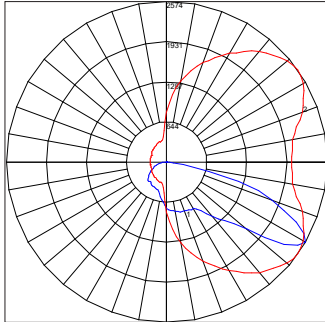
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TYPICAL PHOTOMETRY SUMMARY

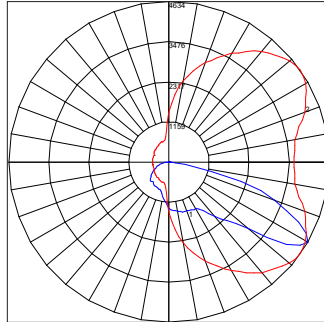
TYPE IV

MA10-L1L40-LD4



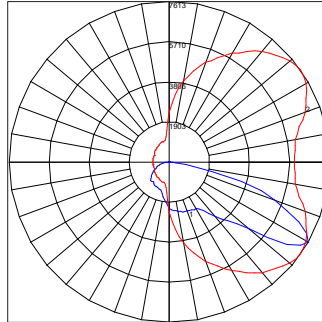
Total Lms: 4333 Lumens
Total Input Watts: 36 W
Efficacy: 120 Lumens/Watt
BUG: B1-U0-G1
Cutoff Class: Full Cutoff
CCT/CRI: 4000K/80
Maximum Candela: 2574.2
 (35H, 60V)

MA10-L1L80-LD4



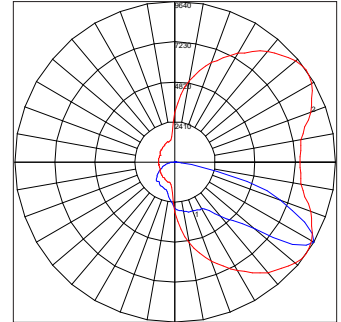
Total Lms: 7801 Lumens
Total Input Watts: 75 W
Efficacy: 104 Lumens/Watt
BUG: B1-U0-G2
Cutoff Class: Full Cutoff
CCT/CRI: 4000K/80
Maximum Candela: 4634.4
 (35H, 60V)

MA10-L1L120-LD4



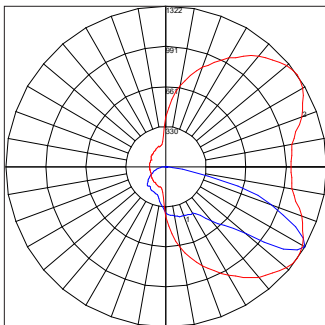
Total Lms: 12815 Lumens
Total Input Watts: 125 W
Efficacy: 103 Lumens/Watt
BUG: B2-U0-G2
Cutoff Class: Full Cutoff
CCT/CRI: 4000K/80
Maximum Candela: 7612.9 (35H,
 60V)

MA10-L1L160-LD4



Total Lms: 16228 Lumens
Total Input Watts: 175 W
Efficacy: 93 Lumens/Watt
BUG: B2-U0-G3
Cutoff Class: Full Cutoff
CCT/CRI: 4000K/80
Maximum Candela: 9640.4
 (35H, 60V)

MA10-L1LK2A-LD4



Total Lms: 2225 Lumens
Total Input Watts: 41 W
Efficacy: 54 Lumens/Watt
BUG: B1-U0-G1
Cutoff Class: Full Cutoff
CCT/CRI: Amber
Maximum Candela: 1321.6 (35H,
 60V)

All Photometry shown use the 80CRI 4000K LEDs.
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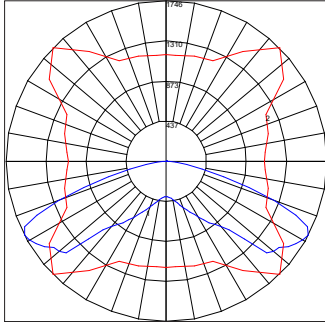
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TYPICAL PHOTOMETRY SUMMARY

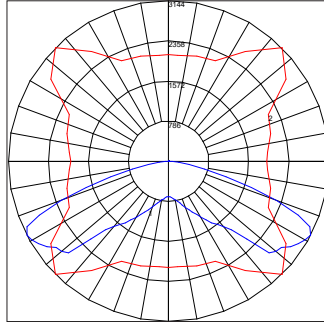
TYPE V

MA10-L1L40-LD5



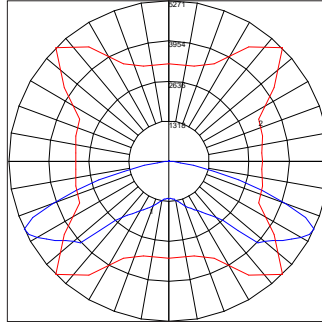
Total Lms: 4477 Lumens
Total Input Watts: 36 W
Efficacy: 124 Lumens/Watt
BUG: B2-U0-G1
Cutoff Class: Full Cutoff
CCT/CRI: 4000K/80
Maximum Candela: 1746.2
 (135H, 62.5V)

MA10-L1L80-LD5



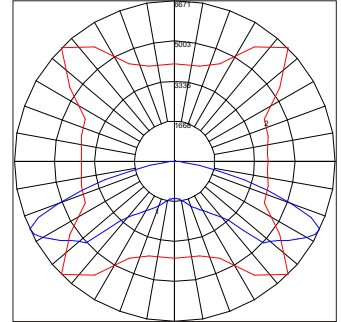
Total Lms: 8060 Lumens
Total Input Watts: 75 W
Efficacy: 107 Lumens/Watt
BUG: B3-U0-G1
Cutoff Class: Full Cutoff
CCT/CRI: 4000K/80
Maximum Candela: 3143.7
 (135H, 62.5V)

MA10-L1L120-LD5



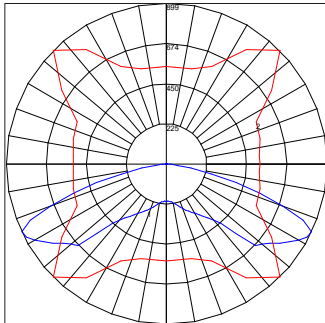
Total Lms: 13243 Lumens
Total Input Watts: 125 W
Efficacy: 106 Lumens/Watt
BUG: B3-U0-G2
Cutoff Class: Full Cutoff
CCT/CRI: 4000K/80
Maximum Candela: 5271.4
 (135H, 65V)

MA10-L1L160-LD5



Total Lms: 16760 Lumens
Total Input Watts: 175 W
Efficacy: 96 Lumens/Watt
BUG: B4-U0-G2
Cutoff Class: Full Cutoff
CCT/CRI: 4000K/80
Maximum Candela: 6671.1 (135H, 65V)

MA10-L1LK2A-LD5



Total Lms: 2259 Lumens
Total Input Watts: 41 W
Efficacy: 55 Lumens/Watt
BUG: B1-U0-G1
Cutoff Class: Full Cutoff
CCT/CRI: Amber
Maximum Candela: 899.3 (135H, 65V)

All Photometry shown use the 80CRI 4000K LEDs.
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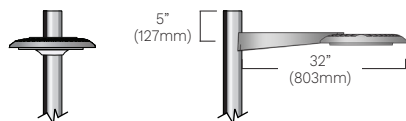
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REFERENCE TABLE - LIGHT OUTPUT

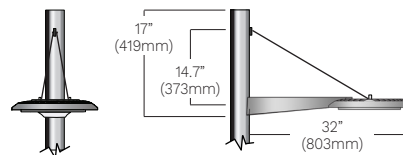
SERIES	LIGHT OUTPUT - STATIC WHITE	LIGHT OUTPUT - TRUE AMBER
MA10	<u>Type II</u>	<u>Type II</u>
	L1L40 4202 lm / 36w	L1LK2A 2186 lm / 41w
	L1L80 75631 lm / 75w	
	L1L120 12440 lm / 125w	<u>Type III</u>
	L1L160 15743 lm / 175w	L1LK2A 2122 lm / 41w
	<u>Type III</u>	<u>Type IV</u>
	L1L40 4405 lm / 36w	L1LK2A 2225 lm / 41w
	L1L80 7930 lm / 75w	
	L1L120 13043 lm / 125w	
	L1L160 16505 lm / 175w	
	<u>Type IV</u>	
	L1L40 4334 lm / 36w	
	L1L80 7801 lm / 75w	
	L1L120 12816 lm / 125w	
	L1L160 16228 lm / 175w	

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

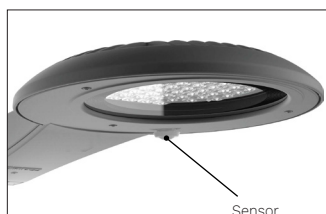
OPTION DETAILS



PM
Pole mount.



PMD
Pole mount with set of two natural finish stainless steel rods.



MSH
PIR Motion sensor w/360° coverage, adjustable time delay and max/min dim levels.



HS
House side shield. Field installable. Not available for type V.

LUMINAIRE MOUNTING CONFIGURATION (ONLY APPLICABLE WHEN ORDERED WITH LUMINIS POLES)

*For reference only. Must be selected with the pole. Refer to the separate pole specification for details.
To specify these assemblies: Fixture quantity should be total number of fixture heads, and include the given code as part of the ordering code on the Luminis pole specification.

P2
Twin mount
180° offset
Installation on
4" and 5" poles

P320
Triple mount
120° offset
Installation on
4" and 5" poles

P290
"L" mount
90° offset
Installation on 5" pole

P390
Triple mount
90° offset mounting
Installation on 5" pole

P4
Quad mount
Installation on 5" pole

LUMINIS POLE DETAILS

*For reference only. Refer to the separate pole specification for details.

PRB4
Pole series

PRS4/PRS5
Pole series

SERIES	POLE HEIGHT
PRB4 Ø4 round bottleneck aluminum pole	10FT Pole 10'
PRS4 Ø4 round straight aluminum pole	12FT Pole 12'
PRS5 Ø5 round straight aluminum pole	14FT Pole 14'
	16FT Pole 16'
	18FT Pole 18'
	20FT Pole 20'