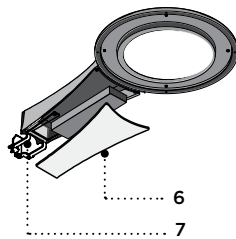
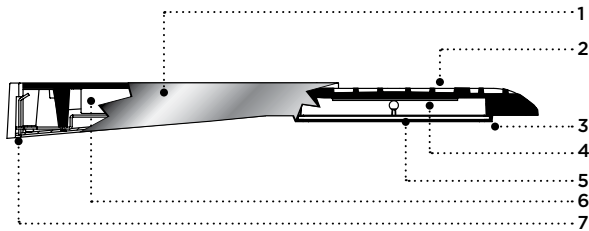


TYPE: _____ QUANTITY: _____ PROJECT: _____

CATALOG NUMBER:

FIXTURE WATTAGE VOLTAGE FINISH OPTION OPTION OPTION OPTION



- 1- Driver and electrical control housing constructed of corrosion resistant cast aluminum.
- 2- Corrosion free cast aluminum housing with an integral fin pattern designed for heat dissipation and to optimize LED performance.
- 3- LED PC board including optical control lenses.
- 4- Aluminum removable lens frame.
- 5- Clear tempered glass lens for protection of optical lenses against weather abrasion.
- 6- Access cover to electrical components.
- 7- Heavy gauge steel galvanized universal mounting plate with leveling adjustment.

MA10 Pole mount



MA12 Wall mount



MATERIALS

MayaLED is made of corrosion resistant 356 aluminum alloy with a copper (CU) content of less than 0.1%.

LED PC board 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 a separate cast aluminum chamber allowing a quick access for electrical maintenance without disturbing the optical light chamber.

LED PC board and optical lenses are protected from weather abrasion with a clear tempered glass to ensure optimal lighting performance.

LED PC board is removable and replaceable for ease of maintenance or lighting upgrade.

ELECTRICAL

LED

POWER SUPPLY 120/277V multi volt, or 347-480V (50-60Hz) with a minimum operating temperature of -40°C/-40°F.

LED Type II-III-IV or VS light distribution with high performance optical lenses. Standard 4000°K LED. LED system is available with three intensity levels of 46/61/96W.

LIFE

80,000hrs (L₇₀B₅₀) based on LM-80 report for lumen maintenance (150,000hrs for model L42W60).

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.

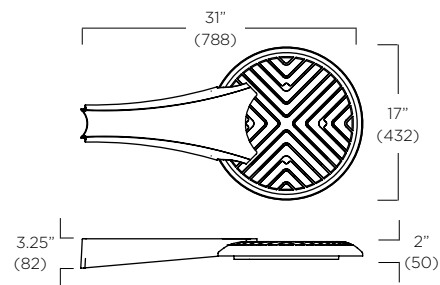
MOUNTING

Maximum weight: 21lbs (9.5kg)

MayaLED is designed for ease of access and installation. The luminaire slides over the mounting plate, minimizing installation effort. Designed for wall or pole mount to fit with a 4" (102) pole (5" (127) on request). Alternate poles or wall attachments are proposed to meet multiple installation conditions. (Refer to page 3)

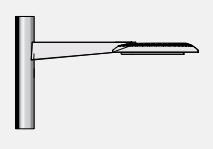
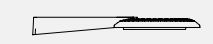
CERTIFICATION

- Tested to UL1598 and CSA22.2 #250. ETL listed for wet location.
- Photometric testing performed by an independent laboratory in accordance with IES LM-79-08 standards at 25°C/77°F.
- Lumen depreciation in accordance with IESNA LM80 standards.
- Vibration tested for 1.5G per ANSI C136.31-2010.
- Rated IP66 per IEC60529.



EPA: .53

LUMINAIRE SELECTION

MODEL#	LED LIGHT SELECTION				VOLTAGE ¹	FINISH	
 <input type="checkbox"/> MA10  <input type="checkbox"/> MA12	Type II	INPUT WATTS	DELIVERED LUMENS	MODEL	<input type="checkbox"/> 120V <input type="checkbox"/> 277V <input type="checkbox"/> 347V <input type="checkbox"/> 480V	STANDARD COLORS <input type="checkbox"/> WHT Snow white <input type="checkbox"/> BKT Jet black <input type="checkbox"/> BZT Bronze <input type="checkbox"/> MST Matte silver <input type="checkbox"/> GRT Titanium gray <input type="checkbox"/> DGT Gun metal <input type="checkbox"/> CHT Champagne OPTIONAL COLORS <input type="checkbox"/> CS Custom color <input type="checkbox"/> RAL RAL# color (Refer to color chart)	
				MA10			MA12
		46W	3378 Lms.	<input type="checkbox"/> MA10-L21W48-LD2			<input type="checkbox"/> MA12-L21W48-LD2
	61W	5138 Lms.	<input type="checkbox"/> MA10-L42W60-LD2	<input type="checkbox"/> MA12-L42W60-LD2			
	96W	7410 Lms.	<input type="checkbox"/> MA10-L42W100-LD2	<input type="checkbox"/> MA12-L42W100-LD2			
	Type III	49W	3847 Lms.	<input type="checkbox"/> MA10-L21W48-LD3			<input type="checkbox"/> MA12-L21W48-LD3
		62W	5210 Lms.	<input type="checkbox"/> MA10-L42W60-LD3			<input type="checkbox"/> MA12-L42W60-LD3
		96W	7368 Lms.	<input type="checkbox"/> MA10-L42W100-LD3			<input type="checkbox"/> MA12-L42W100-LD3
	Type IV	40W	3160 Lms.	<input type="checkbox"/> MA10-L21W48-LD4			<input type="checkbox"/> MA12-L21W48-LD4
		60W	4710 Lms.	<input type="checkbox"/> MA10-L42W60-LD4			<input type="checkbox"/> MA12-L42W60-LD4
		92W	6679 Lms.	<input type="checkbox"/> MA10-L42W100-LD4			<input type="checkbox"/> MA12-L42W100-LD4
	Type VS	47W	2970 Lms.	<input type="checkbox"/> MA10-L21W48-LD5S			<input type="checkbox"/> MA12-L21W48-LD5S
58W		4445 Lms.	<input type="checkbox"/> MA10-L42W60-LD5S	<input type="checkbox"/> MA12-L42W60-LD5S			
95W		6332 Lms.	<input type="checkbox"/> MA10-L42W100-LD5S	<input type="checkbox"/> MA12-L42W100-LD5S			

NOTE: Above wattage values are based on 277V, tested at 25°C ambient temperature.
Wattage may vary by approx. +/- 10% for other voltages or changes in ambient temperature.
Lumens output will remain constant.

OPTIONS

ELECTRICAL

- PH** Photocell
- FS** Fuse
- SP** Surge protector 10KV
- DC1** 120/277V Dynadimmer control
- DM** 120/277 or 347/480V 0-10V Dimming driver (25% dimming)
- MSD** Motion Sensor Device (Hi/Low to 25%. (DM option must be selected))
- K2A** Amber LED for turtle sensitive areas. Wavelengths: 584.5 nm to 597 nm
- K3L** 3000°K CCT LED
- K5L** 5000°K CCT LED

MOUNTING

- PDA** Pole mount with rod
- WDA** Wall mount attachment with rod
- P2** Pole twin mount @ 180°
- P290** Pole twin mount @ 90°
- P3** Pole triple mount @ 90°
- P320** Pole triple mount @ 120°
- P4** Pole quad mount

ACCESSORIES

- LP** High impact U.V. stabilized acrylic lens - 10% light loss
- LPC** Clear polycarbonate vandal resistant lens
- BLC** Back light control

OPTION DETAILS

DC1: Philips Dynadimmer™ is a step dimming control providing programmable schedules up to five different settings. The Dynadimmer™ uses the midnight point calculation to determine the absolute time between switching on/off time. Factory default settings:

- T1** (Time 1 on @ 4PM) D1 (Light level @ 100%)
- T2** (Time 2 @ 10PM) D2 (Light level step dimming @ 50%)
- T3** (Time 3 @ 4AM) D3 (Light level resumes to 100% until 6 AM.)

Programmer tool unit for on site programming available on request. Dynadimmer™ control unit is installed in pole. Option DCR1. Other factory settings are available on request.

NOTES

- 1- Luminaires are factory prewired for 120V (if no voltage is specified.) For other voltages, please specify with catalog number, or consult factory.

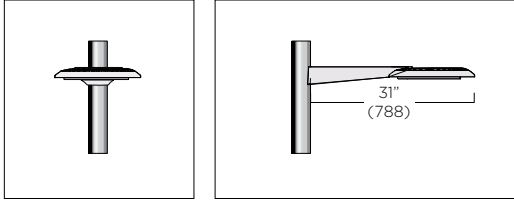
MA10/MA12 SERIES

MAYA - LED

MOUNTINGS

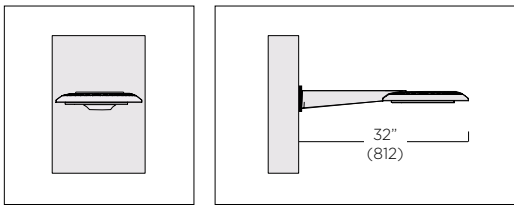
STANDARD MOUNTINGS

POLE MOUNT - MA10



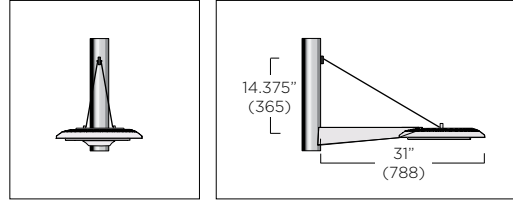
NOTE 1: PCA Pole with PDA attachment requires a 30" (762) tenon extension over pole nominal height. Factory installed.

WALL MOUNT - MA12



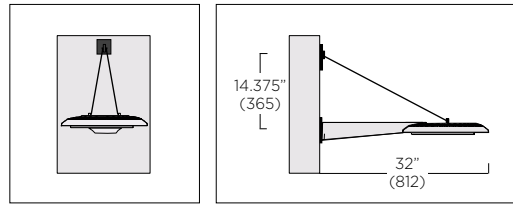
OPTIONAL MOUNTINGS

PDA POLE MOUNT - MA10-PDA¹



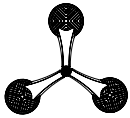
PDA: Pole mount with additional set of two stainless natural steel rods.
NOTE: PCA poles are supplied with a 20" extension in addition to nominal pole height to accommodate PDA luminaire mounting.

WDA WALL MOUNT - MA12-WDA



WDA: Wall mount with additional set of two stainless natural steel rods.

MULTIPLE LUMINAIRE MOUNTINGS



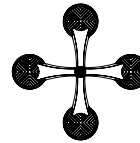
P320
Triple mount
120° offset



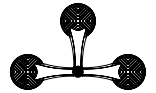
P290
"L" mount
90° offset



P2
Dual 180°
Opposite mount



P4
Quad mount



P3
Triple mount
90° offset mounting

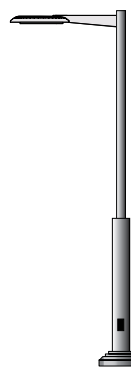
NOTE: MayaLED may be installed in various positions as a direct mount or with PDA optional mounting. Ex: MA10-L21W48-LD3-PDA-P2.

MATCHING POLE SELECTION

Ø 4"	Ø 5"	Ø 4"	Tapered Pole	Ø 4"	Height
PAA410	PAA510	PST10	-----	PSB10	10 Ft. (3 M)
PAA412	PAA512	PST12	-----	PSB12	12 Ft. (3,6 M)
PAA414	PAA514	PST14	-----	PSB14	14 Ft. (4,2 M)
PAA416	PAA516	PST16	PTA16	PSB16	16 Ft. (4,8 M)
PAA418	PAA518	-----	PTA18	PSB18	18 Ft. (5,5 M)
PAA420	PAA520	-----	PTA20	PSB20	20 Ft. (6,0 M)
-----	-----	-----	PTA25	-----	25 Ft. (7,6 M)

For additional pole details, please refer to separate pole specification sheet.
 Ø 4" = 100mm Ø 5" = 127mm

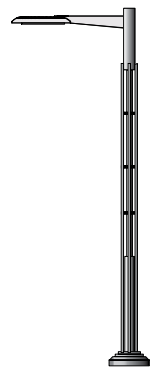
POLE MOUNTINGS



PSB
Pole series



PAA
Pole series



PST
Pole series

LUMINIS

LUMINIS | Toll free: 866.586.4647 Fax: 514.683.8872
 260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

Luminaires may be altered for design improvement or discontinued without prior notice.
 Unless specified, lamps are not included with luminaires.

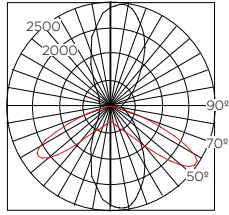
LUMINIS.COM

Oct 2014 Rev 0

TYPICAL PHOTOMETRY SUMMARY

TYPE II

Iso Cd. plot Polar plot

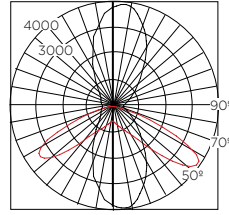


Total Lms: 3378 Lumens
Total Input Watts: 46W
Total Efficiency: 73%
BUG Rating: B1-U0-G1
Cutoff Classification:
Full-Cutoff
Distribution: Type II
CRT: 4000°K

MA10-L21W48-LD2
MA12-L21W48-LD2

Max. CP. 2495 @ 57.5°

Iso Cd. plot Polar plot

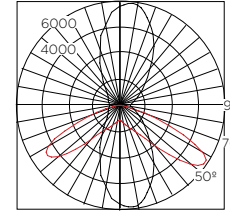


Total Lms: 5138 Lumens
Total Input Watts: 61W
Total Efficiency: 84%
BUG Rating: B2-U0-G2
Cutoff Classification:
Full-Cutoff
Distribution: Type II
CRT: 4000°K

MA10-L42W60-LD2
MA12-L42W60-LD2

Max. CP. 3936 @ 55°

Iso Cd. plot Polar plot



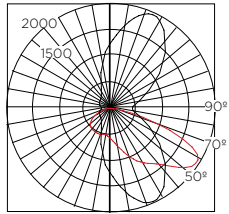
Total Lms: 7410 Lumens
Total Input Watts: 96W
Total Efficiency: 77%
BUG Rating: B2-U0-G2
Cutoff Classification:
Full-Cutoff
Distribution: Type II
CRT: 4000°K

MA10-L42W100-LD2
MA12-L42W100-LD2

Max. CP. 5656 @ 55°

TYPE III

Iso Cd. plot Polar plot

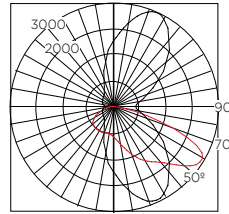


Total Lms: 3847 Lumens
Total Input Watts: 49W
Total Efficiency: 79%
BUG Rating: B1-U0-G1
Cutoff Classification:
Full-Cutoff
Distribution: Type III
CRT: 4000°K

MA10-L21W48-LD3
MA12-L21W48-LD3

Max. CP. 2097 @ 57.5°

Iso Cd. plot Polar plot

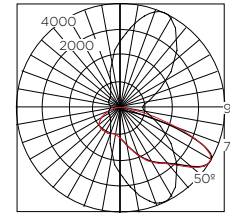


Total Lms: 5210 Lumens
Total Input Watts: 62W
Total Efficiency: 84%
BUG Rating: B1-U0-G1
Cutoff Classification:
Full-Cutoff
Distribution: Type III
CRT: 4000°K

MA10-L42W60-LD3
MA12-L42W60-LD3

Max. CP. 2836 @ 57.5°

Iso Cd. plot Polar plot



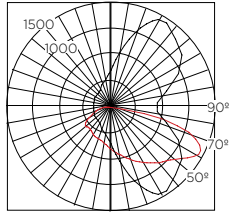
Total Lms: 7368 Lumens
Total Input Watts: 96W
Total Efficiency: 84%
BUG Rating: B1-U0-G1
Cutoff Classification:
Full-Cutoff
Distribution: Type III
CRT: 4000°K

MA10-L42W100-LD3
MA12-L42W100-LD3

Max. CP. 4003 @ 57.5°

TYPE IV

Iso Cd. plot Polar plot

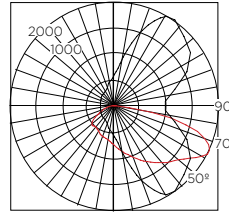


Total Lms: 3160 Lumens
Total Input: 40W
Total Efficiency: 78%
BUG Rating: B1-U0-G1
Cutoff Classification:
Full-Cutoff
Distribution: Type IV
CRT: 4000°K

MA10-L21W48-LD4
MA12-L21W48-LD4

Max. CP. 1387 @ 65°

Iso Cd. plot Polar plot

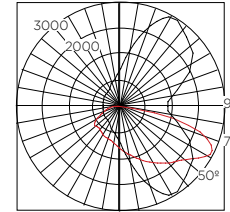


Total Lms: 4710 Lumens
Total Input: 60W
Total Efficiency: 78%
BUG Rating: B1-U0-G1
Cutoff Classification:
Full-Cutoff
Distribution: Type IV
CRT: 4000°K

MA10-L42W60-LD4
MA12-L42W60-LD4

Max. CP. 2070 @ 62.5°

Iso Cd. plot Polar plot



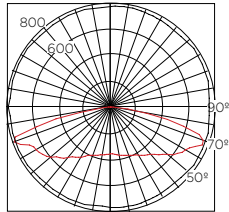
Total Lms: 6679 Lumens
Total Input: 92W
Total Efficiency: 72%
BUG Rating: B1-U0-G1
Cutoff Classification:
Full-Cutoff
Distribution: Type IV
CRT: 4000°K

MA10-L42W100-LD4
MA12-L42W100-LD4

Max. CP. 2934 @ 62.5°

TYPE VS

Iso Cd. plot Polar plot

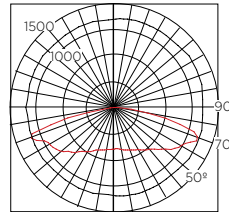


Total Lms: 2970 Lumens
Total Input Watts: 47W
Total Efficiency: 63%
BUG Rating: B2-U1-G1
Cutoff Classification:
Full-Cutoff
Distribution: Type VS
CRT: 4000°K

MA10-L21W48-LD5S
MA12-L21W48-LD5S

Max. CP. 781 @ 70°

Iso Cd. plot Polar plot

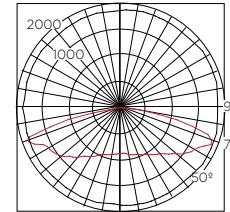


Total Lms: 4445 Lumens
Total Input Watts: 58W
Total Efficiency: 76%
BUG Rating: B2-U0-G1
Cutoff Classification:
Full-Cutoff
Distribution: Type VS
CRT: 4000°K

MA10-L42W60-LD5S
MA12-L42W60-LD5S

Max. CP. 1253 @ 67.5°

Iso Cd. plot Polar plot



Total Lms: 6332 Lumens
Total Input Watts: 95W
Total Efficiency: 67%
BUG Rating: B3-U0-G1
Cutoff Classification:
Full-Cutoff
Distribution: Type VS
CRT: 4000°K

MA10-L42W100-LD5S
MA12-L42W100-LD5S

Max. CP. 1813 @ 67.5°

Please visit our web site www.luminis.com for complete I.E.S formatted download data.
All published photometric data are executed and certified by an independent testing laboratory.

LUMINIS

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