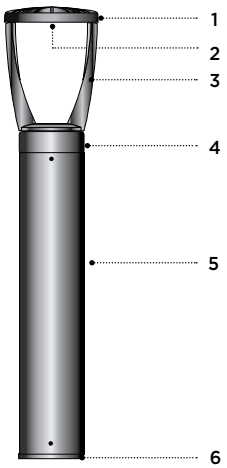
LUMINIS®

MA30 SERIES
MAYA - LED
Bollard

TYPE: _____ QUANTITY: _____ PROJECT: _____

CATALOG NUMBER:								
	FIXTURE	WATTAGE	VOLTAGE	FINISH	OPTION	OPTION	OPTION	OPTION



1- Cast aluminum LED heat sink.
2- Optical system assembly.
3- Set of two cast aluminum supporting struts.
4- Removable cast aluminum cover for easy access to electrical components and driver.
5- 6" (152) diameter extruded aluminum base stand.
6- Cast aluminum anchor plate.

MA30



MATERIALS
MayaLED 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 a quick access for electrical maintenance without disturbing the optical light chamber.
COB LED is removable and replaceable for ease of maintenance or lighting upgrade.

ELECTRICAL
LED

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

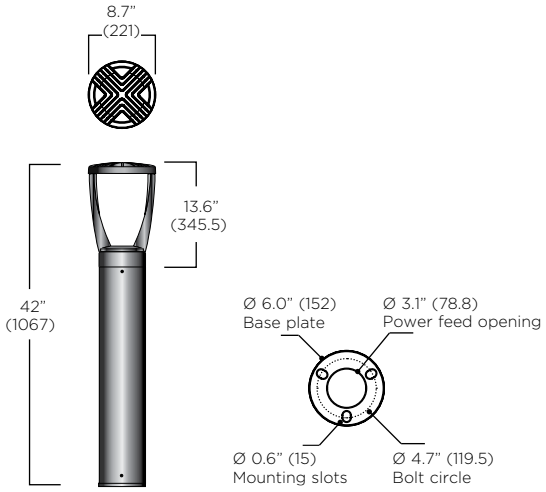
LED Type II, IV or V light distribution via high performance optical lenses. Standard 4000K/80CRI. Optional 2700K, 3000K, 3500K and 5000K.

LIFE
125,000hrs ($L_{70}B_{50}$) based on LM-80 report for lumen maintenance.

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.

MOUNTING
Mounts with a set of three 1/2"-13 x 18" lg galvanized anchor bolts.

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 25ºC/77ºF. Lumen depreciation in accordance with IESNA LM80 standards.
CE Certification on request.
Rated IP66.



Jan 2017 Rev 0

LUMINAIRE SELECTION

MODEL#



☐ MA30

LED LIGHT SELECTION (4000K/80CRI)

	INPUT WATTS	DELIVERED LUMENS	MODEL
Type II	13W	1231	☐ MA30-L1W12-R2
	19W	1751	☐ MA30-L1W18-R2
	34W	3016	☐ MA30-L1W30-R2
	48W	4183	☐ MA30-L1W48-R2
Type IV	13W	1281	☐ MA30-L1W12-R4
	19W	1825	☐ MA30-L1W18-R4
	34W	3143	☐ MA30-L1W30-R4
	48W	4366	☐ MA30-L1W48-R4
Type V	13W	1295	☐ MA30-L1W12-R5
	19W	1842	☐ MA30-L1W18-R5
	35W	3293	☐ MA30-L1W30-R5
	50W	4534	☐ MA30-L1W48-R5

AMBER LED LIGHT SELECTION

INPUT WATTS	DELIVERED LUMENS	MODEL
17W	388	☐ MA30-L1W18K2A

VOLTAGE [1]

☐ 120V
☐ 277V

Optional
☐ 347V
☐ 480V

FINISH

STANDARD COLORS
☐ WHT Snow white
☐ BKT Jet black
☐ BZT Bronze
☐ MST Matte silver
☐ GRT Titanium gray
☐ DGT Gun metal
☐ CHT Champagne
☐ SGT Steel Gray
☐ BGT English Cream

OPTIONAL COLORS
Wood grain finishes

☐ NMR Mahogany red[2]
☐ NMO Maple oak[2]
☐ NTW Teak wood[2]
Base stand only

☐ CS Custom color
☐ RAL RAL# color

(Refer to color chart)

NOTE: Above wattage values are based on 277V, tested at 25ºC/77ºF ambient temperature.
Wattage may vary by approx. +/- 10% for other voltages, or due to changes in ambient temperature.
Lumen output will remain constant.

OPTIONS

ELECTRICAL

☐ **REML2-50** Remote mount battery backup for LED 90 mins, 7W. Remote mount to 50ft. 12" square enclosure with acces cover.
☐ **PH** Photocell[3]
☐ **FS** Fuse[3]
☐ **SP** Surge protector 10KV

LIGHT

Alternate CCT ºK LED (LCF: Lumen conversion factor)

☐ **K27** 2700K CCT 80 CRI (LCF: 0.91)
☐ **K3** 3000K CCT 80 CRI (LCF: 0.94)
☐ **K35** 3500K CCT 80 CRI (LCF: 0.983)
☐ **K5** 5000K CCT 80 CRI (LCF: 1.01)

NOTE: Other CCT & higher CRI available, please consult factory.

MOUNTING

☐ **PR6** Pedestal mount adaptor. Overall height 20.5" (521).

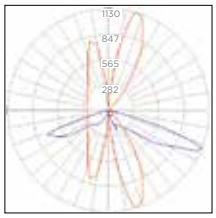
ACCESSORIES

☐ **GFI** Ground fault interruption receptacle[4]
☐ **BLC** Back light control[5]

NOTES
1- If no voltage is specified, luminaires are factory prewired by default for 120V. For other voltages, please specify with catalog number, or consult factory.
2- Cast aluminum top & base covers are as follows for selected wood grain finishes: BZT paired with NMR; SGT paired with NMO; BGT paired with NTW (Other colors available. Please contact factory).
3- Fuse and photocell options are normally installed with poles when specified with Luminis luminaires. (Except for other types of mounting).
4- GFI option is installed 18" above grade unless otherwise specified.
5- BLC: Back Light Control - Type II Distribution.

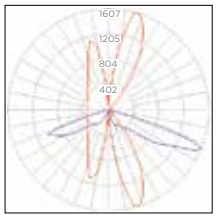
TYPICAL PHOTOMETRY SUMMARY

TYPE II



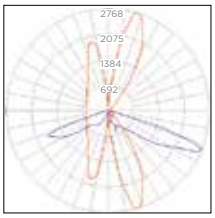
MA30-L1W12-R2

Total Lumens: 1231 Lms
Total Input Watts: 12.5W
Efficacy: 98.44 Lms/W
BUG Rating: B2-U0-G2
Cutoff Class: Full Cutoff
CCT/CRI: 4000K/80
Max Candela:
1130 @ 72.5ºH/67.5ºV



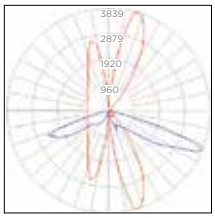
MA30-L1W18-R2

Total Lumens: 1751 Lms
Total Input Watts: 18.5W
Efficacy: 94.66 Lms/W
BUG Rating: B2-U0-G2
Cutoff Class: Full Cutoff
CCT/CRI: 4000K/80
Max Candela:
1607 @ 72.5ºH/67.5ºV



MA30-L1W30-R2

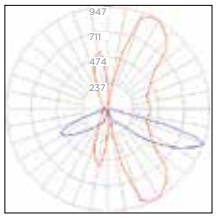
Total Lumens: 3016 Lms
Total Input Watts: 33.6W
Efficacy: 89.76 Lms/W
BUG Rating: B2-U0-G2
Cutoff Class: Full Cutoff
CCT/CRI: 4000K/80
Max Candela:
2768 @ 72.5ºH/67.5ºV



MA30-L1W48-R2

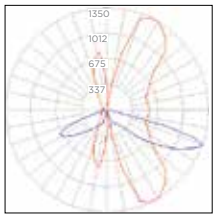
Total Lumens: 4183 Lms
Total Input Watts: 48.2W
Efficacy: 86.71 Lms/W
BUG Rating: B2-U0-G2
Cutoff Class: Full Cutoff
CCT/CRI: 4000K/80
Max Candela:
3839 @ 72.5ºH/67.5ºV

TYPE IV



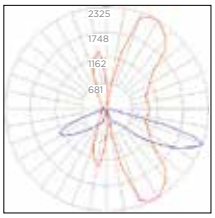
MA30-L1W12-R4

Total Lumens: 1281 Lms
Total Input Watts: 12.5W
Efficacy:102.44 Lms/W
BUG Rating: B2-U1-G2
Cutoff Class: Full Cutoff
CCT/CRI: 4000K/80
Max Candela:
947 @ 65ºH/70ºV



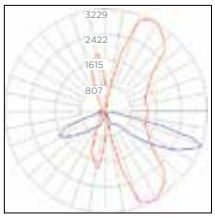
MA30-L1W18-R4

Total Lumens: 1825 Lms
Total Input Watts: 18.5W
Efficacy: 98.66 Lms/W
BUG Rating: B2-U1-G2
Cutoff Class: Full Cutoff
CCT/CRI: 4000K/80
Max Candela:
1350 @ 65ºH/70ºV



MA30-L1W30-R4

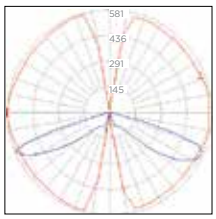
Total Lumens: 3143 Lms
Total Input Watts: 33.6W
Efficacy: 93.55 Lms/W
BUG Rating: B2-U1-G2
Cutoff Class: Full Cutoff
CCT/CRI: 4000K/80
Max Candela:
2325 @ 65ºH/70ºV



MA30-L1W48-R4

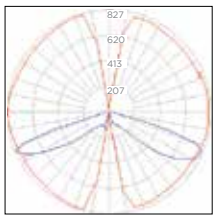
Total Lumens: 4366 Lms
Total Input Watts: 48.2W
Efficacy: 90.51 Lms/W
BUG Rating: B3-U1-G3
Cutoff Class: Full Cutoff
CCT/CRI: 4000K/80
Max Candela:
3229 @ 115ºH/70ºV

TYPE V



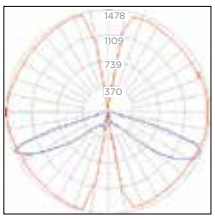
MA30-L1W12-R5

Total Lumens: 1295 Lms
Total Input Watts: 12.5W
Efficacy: 103.62 Lms/W
BUG Rating: B1-U0-G1
Cutoff Class: Full Cutoff
CCT/CRI: 4000K/80
Max Candela:
581 @ 67.5º



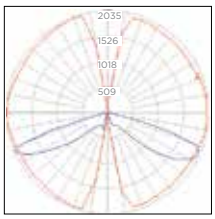
MA30-L1W18-R5

Total Lumens: 1842 Lms
Total Input Watts: 18.5W
Efficacy: 99.55 Lms/W
BUG Rating: B1-U0-G1
Cutoff Class: Full Cutoff
CCT/CRI: 4000K/80
Max Candela:
827 @ 67.5º



MA30-L1W30-R5

Total Lumens: 3293 Lms
Total Input Watts: 34.8W
Efficacy: 94.75 Lms/W
BUG Rating: B2-U0-G2
Cutoff Class: Full Cutoff
CCT/CRI: 4000K/80
Max Candela:
1478 @ 67.5º



MA30-L1W48-R5

Total Lumens: 4534 Lms
Total Input Watts: 49.5W
Efficacy: 91.54 Lms/W
BUG Rating: B3-U0-G3
Cutoff Class: Full Cutoff
CCT/CRI: 4000K/80
Max Candela:
2035 @ 67.5º

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 | Toll free: 866.586.4647 Fax: 514.683.8872 Email: info@luminis.com
260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

Luminaires may be altered for design improvement or discontinued without prior notice.