LUMINIS®

W110
ECLIPSE - LED

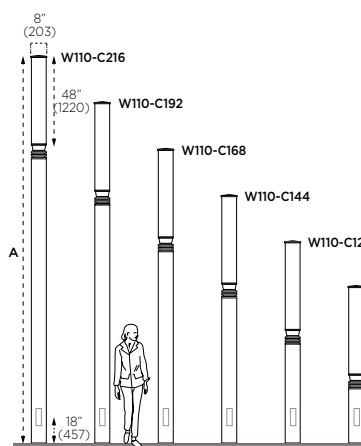TYPE: _____ QUANTITY: _____ PROJECT: _____

CATALOG NUMBER:							
FIXTURE	WATTAGE	VOLTAGE	FINISH	OPTION	OPTION	OPTION	OPTION

W110
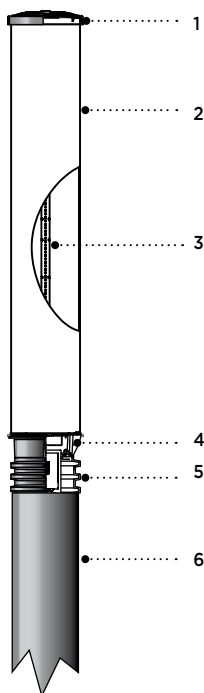
1- Heavy cast aluminum top cover with embedded heat sink.
2- Ø 8" (203) High impact white translucent acrylic diffuser UV stabilized.
3- LED strip
4- Cast aluminum upper base with built-in hinge mechanism.
5- Cast aluminum driver housing.
6- Ø 8" (203) Extruded aluminum column with built in cast inner mounting base plate and acces cover.

8"
(203)

W110-C216

48"
(1220)

W110-C192

W110-C168

W110-C144

A

W110-C120

W110-C96

18"
(457)

		A
8 Ft.	W110-C96	96" (2438)
10 Ft.	W110-C120	120" (3000)
12 Ft.	W110-C144	144" (3657)
14 Ft.	W110-C168	168" (4267)
16 Ft.	W110-C192	192" (4876)
18 Ft.	W110-C216	216" (5486)

MATERIALS
Eclipse is made of corrosion resistant 356 aluminum alloy with a copper (CU) content of less than 0.1%.
LED is contained in a white UV stabilized high impact acrylic sealed cylinder. The assembly is designed to provide a uniform column illumination.
The upper cast aluminum housing is designed with a tool-less hinged mechanism allowing a quick access for maintenance.
The lower cast aluminum housing contains all electrical controls and is easily accessible with a hinge mechanism. Eclipse light column is available in 6 standard heights. Other heights are available on request.

ELECTRICAL
LED
DRIVER   120/277V multi volt (50-60HZ) with a minimum starting temperature of -30ºC/-22ºF. Optional 347V on request. Output over voltage, output over current and output short circuit protection with auto-recovery. Over temperature protection (110ºC).

LED   Standard 4000K LED platform included. Optional 3000K and 3500K. Removable modular LED platform.

LIFE
51,000hrs $L_{77}B_{50}$ (based on IESNA TM-21 Test Method and LM-80 data).
68,000hrs $L_{70}B_{50}$ (calculated projection from LM-80 data).

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.
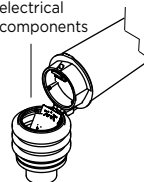
MOUNTING
Eclipse is designed for ease of access and installation.
The inner cast aluminum base plate is secured with a set of (4) 3/4"-13 galvanized anchor bolts. Accessibility is done through a flush mount 4"X7" (100X178) hand hole cover plate. No external visible mounting hardware.

CERTIFICATION
Tested to UL1598 and CSA 22.2 #250. ETL listed wet location.
Photometric testing performed by an independent laboratory in accordance with IES LM-79-08 standards at 25ºC. Lumen depreciation in accordance with IESNA LM80 standards. CE certification on request.
Rated IP65
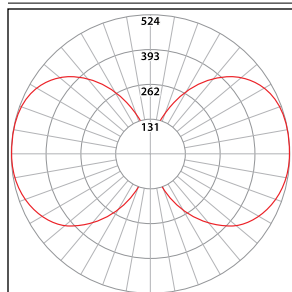
Access to electrical components

Eclipse features a unique tool-less swing out column assembly, allowing a quick access to luminaire maintenance, leaving a clean optical chamber to ensure a high lumen performance.

Mounting

8" (200) Dia. base

2" (50) Dia. power entry opening

5" (127) Dia. bolt circle
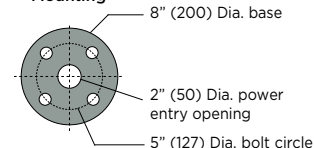
TYPICAL PHOTOMETRY SUMMARY

524
393
262
131

Descriptive Information
Total Lms: 5285 Lumens
Total Input Watts: 65W
Source: LED
Total efficiency: 82.8%
BUG Rating: B2-U5-G2
CCT: 4000K

W110-L216W65

Outdoor report   Polar graph
Maximum Candela = 524

Please visit our web site www.luminis.com for complete I.E.S. formatted download data.

LUMINAIRE SELECTION

MODEL#	COLUMN OAH	LED LIGHT SELECTION					VOLTAGE [1]	FINISH

MODEL#

☐ W110

COLUMN OAH

A

☐ **C96**	96" (2438)
☐ **C120**	120" (3000)
☐ **C144**	144" (3657)
☐ **C168**	168" (4267)
☐ **C192**	192" (4876)
☐ **C216**	216" (5846)

LED LIGHT SELECTION

SUFFIX	INPUT WATTS	DELIVERED LUMENS	CRI	CCT ºK
White LED				
☐ L216W45	45W	3780		
☐ L216W65	65W	5285	80	4000K
☐ L216W100	100W	7905		
Color changing				
☐ L2CW50	56W	1328	RGB	

High brightness RGB color change light engine:
- Aluminum core PC board construction for highly efficient heat dissipation and thermal performance, including over temperature control.
- Color change with DMX controller or Ethernet controller data. (To be specified.)
- RGB 24-bit 16 million colors for smooth color change.

VOLTAGE [1]

☐ 120V
☐ 277V

Optional
☐ 347V

FINISH

STANDARD COLORS

☐	WHT	Snow white
☐	BKT	Jet black
☐	BZT	Bronze
☐	MST	Matte silver
☐	GRT	Titanium gray
☐	DGT	Gun metal
☐	CHT	Champagne

OPTIONAL COLORS
Wood grain finishes

☐	NMR	Mahogany red
☐	NMO	Maple oak
☐	NTW	Teak wood

Base column only

☐	CS	Custom color
☐	RAL	RAL# color

(Refer to color chart)

NOTE: Eclipse light column is composed of two parts.
Please specify:
1- The Luminaire W110 with the selected LED light source
2- The base column to indicate the overall luminaire height. Example: W110-L1W56-C144

OPTIONS

ELECTRICAL

☐ **FS**	Fuse
☐ **PH**	Photocell
☐ **347L**	347V input power driver
☐ **SP**	Surge protector 10KV
☐ **GFI**	Ground fault interruption receptacle

Alternate CCT ºK LED

☐ **K3**	3000K CCT LED
☐ **K35**	3500K CCT LED

ACCESSORIES

☐ **LB1**	Latching lock limited access to electrical components
☐ **BNF**	Fixed banner support (single arm at top)[2]

NOTES
1- Luminaires are factory prewired for 120V (if no voltage is specified.) For other voltages, please specify with catalog number, or consult factory.
2- BNF is factory set in position as required. Location along pole to be specified.

LUMINIS

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