

DESCRIPTION

Cambria 205 is an ultra-compact MR11 low voltage pathway fixture. It attaches to an extended length mounting stem and delivers a full range of aiming from any mounting position. Various lenses, louvers and color or dichroic filters can be combined - up to three at once - to create multiple lighting effects. Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

Catalog #	Type
Project	
Comments	Date
Prepared by	

SPECIFICATION FEATURES

A ... Material

Housing, hood and mounting stem are precision-machined from corrosion-resistant 6061-T6 aluminum billet, brass, bronze, copper or stainless steel.

B ... Finish Painted

Fixtures constructed from 6061-T6 aluminum are double protected by a chromate conversion undercoating and polyester powdercoat paint finish, surpassing the rigorous demands of the outdoor environment. A variety of standard colors are available. Brass, Bronze, Copper or Stainless Steel Fixtures constructed from brass, bronze, copper or stainless steel are left unpainted to reveal the natural beauty of the material. Brass, bronze and copper will patina naturally over time.

C ... Hood

Hood is removable for easy relamping and accepts up to three internal accessories at once (lenses, louvers, filters) to achieve multiple lighting effects. Weep holes prevent water and mineral stains from collecting on the lens, even in the straight-up position.

D ... Gasket

Housing and hood are sealed with a high temperature silicone o-ring gasket to prevent water intrusion.

E ... Lens

Tempered glass lens, factory sealed with high temperature adhesive to prevent water intrusion and breakage due to thermal shock.

F ... Mounting Stem

14-1/2" OAH side-mounted swivel stem includes 1/2" NPS threaded male fitting and provides a full range of aiming from any mounting position. Stainless steel aim-locking mechanisms are standard. Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

G ... Hardware

Stainless steel hardware is standard to provide maximum corrosion-resistance.

H ... Socket

Ceramic socket with 250° C Teflon® coated lead wires and GU4 bi-pin base.

I ... Electrical

Remote 12V transformer required (not included). Available from Lumière as an accessory - see the Accessories & Technical Data section of this catalog for details.

J ... Lamp

Not included. Available from Lumière as an accessory - see reverse side of this page.

K ... Labels & Approvals

UL and cUL listed, standard wet label. IP65 rated. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

L ... Warranty

Lumière warrants its fixtures against defects in materials & workmanship for three (3) years. Auxiliary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

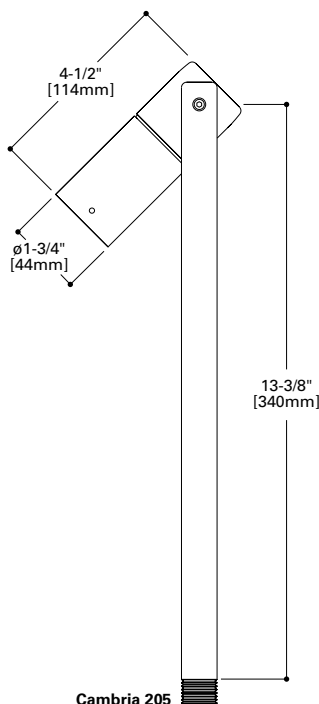


CAMBRIA 205

35W (max.) MR11
Halogen
Low Voltage

Pathway

IP65



Cambria 205

Cambria 205

Lamp=35MR11/SP

(FTE)

CBCP=8500

Cone of Light

Distance to Illuminated Plane	Initial Nadir Footcandles	Beam Diameter
15'0"	20	3'0"
10'0"	60	2'0"
8'0"	94	1'6"
6'0"	167	1'0"
4'0"	375	1'0"
2'0"	1500	0'6"

Lamp Wattage Multiplier

20W x 0.67

Cambria 205

Lamp=35MR11/FL

(FTH)

CBCP=1500

Cone of Light

Distance to Illuminated Plane	Initial Nadir Footcandles	Beam Diameter
15'0"	6	8'0"
10'0"	13	5'0"
8'0"	20	4'0"
6'0"	36	3'0"
4'0"	81	2'0"
2'0"	325	1'0"

Lamp Wattage Multiplier

20W x 0.46

LAMP INFORMATION

Lamp	ANSI Code	Watts	Beam Spread	CBCP	°K	Life (hrs.)	Base	Volts
35MR11/SP	FTE	35	10°	8500	2950	3000	GU4 bi-pin	12
35MR11/FL	FTH	35	40°	1500	2950	3000	GU4 bi-pin	12

NOTE: Inferior quality lamps may adversely affect the performance of this product. Use only name brand lamps from reputable lamp manufacturers.

NOTES AND FORMULAS

- Beam diameter is to 50% of maximum footcandles, rounded to the nearest half-foot.
- Footcandle values are initial. Apply appropriate light loss factors where necessary.
- Bare lamp data shown. Consult lamp manufacturers to obtain detailed specifications for their lamps.

ORDERING INFORMATION

Series 205=MR11 Cambria Path Fixture		Voltage 12=12V	Options DC=D.C. Bayonet Base (in lieu of bi-pin)	Accessories Filters F71-1 =Peach Dichroic Filter, 1.35" Dia F73-1 =Green Dichroic Filter, 1.35" Dia F75-1 =Yellow Dichroic Filter, 1.35" Dia F77-1 =Dark Blue Dichroic Filter, 1.35" Dia F79-1 =Neutral Density Dichroic Filter, 1.35" Dia F2-1 =Red Color Filter, 1.35" Dia F4-1 =Green Color Filter, 1.35" Dia F6-1 =Mercury Vapor Color Filter, 1.35" Dia Optical Lenses LSL-1 = Linear Spread Lens (elongate standard beam spread), 1.35" Dia DIF-1 = Diffused Lens (provide even illumination), 1.35" Dia Optical Louver LVR-1 = Hex Cell Louver (reduce glare), 1.35" Dia Lamps FTB = 20W MR11 GU4 Bi-Pin Narrow Spot FTC = 20W MR11 GU4 Bi-Pin Spot FTF = 35W MR11 GU4 Bi-Pin Spot F72-1 =Amber Dichroic Filter, 1.35" Dia F74-1 =Medium Blue Dichroic Filter, 1.35" Dia F76-1 =Red Dichroic Filter, 1.35" Dia F78-1 =Light Blue Dichroic Filter, 1.35" Dia F80-1 =Magenta Dichroic Filter, 1.35" Dia F3-1 =Blue Color Filter, 1.35" Dia F5-1 =Yellow Color Filter, 1.35" Dia OSL-1 = Overall Spread Lens (increase beam spread), 1.35" Dia FTD = 20W MR11 GU4 Bi-Pin Narrow Flood FTE = 35W MR11 GU4 Bi-Pin Narrow Spot FTH = 35W MR11 GU4 Bi-Pin Narrow Flood	
Source Halogen 35MR11 =35W Max Halogen MR11, GU4 Base 35MR11 =35W Max Halogen MR11, D.C. Bayonet Base		Finish Painted BK =Black BZ =Bronze CS =City Silver VE =Verde WT =White Metal NBR = Brass NBZ = Bronze NCP = Copper NSS = Stainless Steel			

Notes:

- * Lamp not included.
- * 12V remote transformer required - not included.
- * See ACCESSORIES & TECHNICAL DATA section of the Lumière catalog for Mounting Accessories, Low Voltage Cable & Transformers.
- * Consult your Cooper Lighting Solutions representative for additional options and finishes.