

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

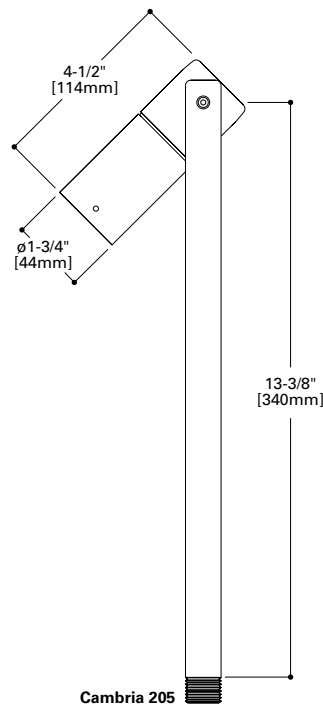
Not included. Available from Lumière as an accessory - see reverse side of this page.

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
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

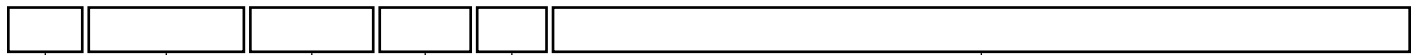
Lamp	ANSI Code	Watts	Beam Spread	CBCP	°K	Life (hrs.)	Base	Volts
35MR11/SP	FTE	35	10°	8500	2950	3000	GU4 bi-pin	12
35MR11/FL	FTH	35	40°	1500	2950	3000	GU4 bi-pin	12

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

- 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

Optical Lenses

- LSL-1= Linear Spread Lens (elongate standard beam spread), 1.35" Dia
- DIF-1= Diffused Lens (provide even illumination), 1.35" Dia

OSL-1: Overall Spread Lens (increase beam spread), 1.35" Dia

Optical Louver

- LVR-1= Hex Cell Louver (reduce glare), 1.35" Dia

Lamps

- FTB= 20W MR11 GU4 Bi-Pin Narrow Spot
- F7C= 20W MR11 GU4 Bi-Pin Spot
- FTF= 35W MR11 GU4 Bi-Pin Spot

- FTD= 20W MR11 GU4 Bi-Pin Narrow Flood
- FTE= 35W MR11 GU4 Bi-Pin Narrow Spot
- FTH= 35W MR11 GU4 Bi-Pin Narrow Flood

- 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 representative for additional options and finishes.