DESCRIPTION

Cambria 703 is an ultra-compact fixture for use with MR16 ceramic metal halide lamps. It is available with a fully adjustable side swivel stem (703, 703-FL), an adjustable center rear swivel (703-CRS) or stationary rear flush mount (703-FM). Various lenses, louvers and color or dichroic filters can be combined - up to three at once - to create multiple lighting effects. Lumiere'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, C360 brass, C932 bronze, C110 copper or 303/304 stainless steel.

B ... Finish Painted
Fixtures constructed from 6061-T6 aluminum are double protected by a chemical film undercoating and polyester powdercoat paint finish, surpassing the rigorous demands of the outdoor environment. A variety of standard colors are available.

C ... 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

D ... Hood
Hood is removable for easy relamping and accepts up to three internal accessories at once (lenses, louvers, filters) to achieve multiple lighting effects. Model 703, 703-CRS & 703-FM: Weep holes prevent water and mineral stains from collecting on the lens, even in the straight-up position. Model 703-FL: The flush lens design reduces fixture length, minimizes debris collection and prevents water and mineral stains from collecting on the lens.

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

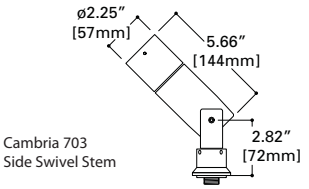
F ... Lens
Tempered glass lens, factory sealed with high temperature adhesive to prevent water intrusion and breakage due to thermal shock.

G ... Mounting Stem
Model 703 and 703-FL include fully adjustable side-mounted swivel stem, providing 340° tilt and 360° rotation for easy aiming. Center rear swivel (703-CRS) or stationary rear flush mount (703-FM) models are also available. All models include 1/2" NPS threaded male fitting. Stainless steel aim-locking mechanisms are standard (not available on 703-FM). Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

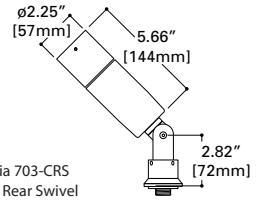
H ... Hardware
Stainless steel hardware is standard to provide maximum corrosion-resistance.

I ... Socket
Ceramic socket with 250° C Teflon® coated lead wires and GX10 two-pin twist and lock base.

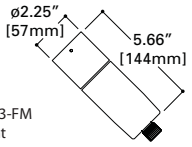
J ... Ballast
Remote core & coil ballast is standard (120/208/240/277/347V). Maximum remote mounting distance for a core & coil ballast is 50'. Remote electronic ballast (120/277V) is available as an option by adding the prefix "EL" to the ballast/mounting code. Maximum remote mounting distance for an electronic ballast depends upon the ballast manufacturer and may require the use of special low capacitance wire, separate conduit runs for lead wires, or other special installation requirements. See ballast manufacturer's installation instructions or contact the factory for remote mounting distance and installation requirements.



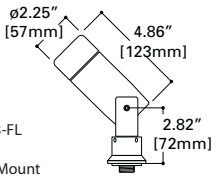
Cambria 703
Side Swivel Stem



Cambria 703-CRS
Center Rear Swivel



Cambria 703-FM
Flush Mount



Cambria 703-FL
Flush Lens /
Side Swivel Mount

CAMBRIA

703

39W (max.) CMH16
Metal Halide

Accent/Flood

IP65

Specifications and Dimensions subject to change without notice.
Consult your representative for additional options and finishes.

ORDERING INFORMATION

Series
703=Cambria Accent Fixture

Source
CMH20MR16: 20W Metal Halide MR16
CMH39MR16: 39W Metal Halide MR16

Voltage
120=120V
277=277V
208=208V
240: 240V
347: 347V

Mounting
MB=Fixture mounts to inground ballast container
MBR=Fixture mounts to flat surface, remote inground ballast container
SM=Fixture mounts to wall mounted ballast housing, bottom conduit entry
WM: Fixture mounts to wall mounted ballast housing, over J-box
WR: Fixture mounts to flat surface, remote ballast housing
TS: Fixture mounts to ballast housing strapped to tree, bottom conduit entry
TSR: Fixture strapped to tree, remote inground ballast container
TSR2: Fixture strapped to tree, remote ballast housing strapped to tree
ELMWM: Mounts to wall mounted electronic ballast mini-housing over J-box
ELMSM: Mounts to wall mounted electronic ballast mini-housing, bottom conduit entry
ELMTS: Mounts to electronic ballast mini-housing, strapped to a tree
ELMB=Mounts to inground electronic ballast housing
ELMBR=Mounts to flat surface, remote inground electronic ballast housing
ELSM=Mounts to wall mounted electronic ballast housing, bottom conduit entry
ELWM=Mounts to wall mounted electronic ballast housing, over J-Box
ELWR=Mounts to flat surface, remote electronic ballast housing
ELTS=Mounts to electronic ballast housing, strapped to a tree
ELSTR=Strapped to tree, remote inground electronic ballast housing
ELSTR2=Strapped to tree, remote electronic ballast housing strapped to tree

Finish
Painted
BK=Black
BZ=Bronze
CS: City Silver
VE: Verde
WT: White
Metal
NBR: Brass
NBZ: Bronze
NCP: Copper
NSS: Stainless Steel

Accessories
Filters
F71=Peach Dichroic
F72=Amber Dichroic
F73: Green Dichroic
F74: Medium Blue Dichroic
F75: Yellow Dichroic
F76: Red Dichroic
F77: Dark Blue Dichroic
F78: Light Blue Dichroic
F79: Neutral Density Dichroic
F80: Magenta Dichroic
F22: Red Color Filter
F33: Blue Color Filter
F44: Green Color Filter
F55: Yellow Color Filter
F66: Mercury Vapor Color Filter
Optical Lenses
LSL: Linear Spread Lens (elongate standard beam spread)
OSL: Overall Spread Lens (increase beam spread)
DIF: Diffused Lens (provide even illumination)
Optical Louver
LVR=Hex Cell Louver (reduce glare)
Lamps
EZX=20W MR16 GU5.3 Bi-Pin Very Narrow Spot
ESX=20W MR16 GU5.3 Bi-Pin Narrow Spot
BAB=20W MR16 GU5.3 Bi-Pin Flood

LAMP INFORMATION

Lamp	ANSI Code	Watts	Beam Spread	CBCP	Initial Lumens	°K	Life (hrs.)	Base	Volts
MH20MR16-SP	C156 / M156	20	12°	9000	1000	3000	12000	GX10	line
MH20MR16-MFL	C156 / M156	20	25°	2900	1000	3000	12000	GX10	line
MH20MR16-WFL	C156 / M156	20	40°	1500	1000	3000	12000	GX10	line
MH39MR16-SP	C130 / M130	39	12°	16000	2200	3000	10000	GX10	line
MH39MR16-MFL	C130 / M130	39	25°	5500	2200	3000	10000	GX10	line
MH39MR16-WFL	C130 / M130	39	40°	3000	2200	3000	10000	GX10	line

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 is shown. Consult lamp manufacturers to obtain detailed specifications for their lamps.