

Radial

TMSLIGHTING

ESTABLISHED 1923



Features

- Wave-styled reflector conveys a festive atmosphere
- Excellent uniformity, suitable for general and localized lighting, indoor and outdoor
- Lightweight construction for easy installation and less structural stress
- 16" and 19" diameter reflectors, designed for wide area coverage
- Practical options for application and design flexibility
- Quality components combined with the most current technology for high efficiency and reduced lighting costs

Applications

Radial is ideal for illuminating areas where either localized or generalized distribution is necessary. It lends itself to commercial applications such as those in the hospitality industry, including patios, dining areas, awnings and pedestrian areas.

Construction

High grade spun aluminum or steel construction, with stainless steel mounting hardware, for indoor and outdoor applications.

Reflectors are available in sizes of 16"/41 cm and 19"/48 cm diameter.

Lamp

Operates with Cree™ LED (19W max.), compact fluorescent (42W max.), metal halide (70W max.), or incandescent (100W max.) light sources. Specify 3000K, 3500K, or 4000K for LED systems. A 17W LED screw type lamp is also available (PAR 38, E26 base, CCT 4000K).

Note: LED systems operate with 120-277V supply voltage only.

Incandescent and metal halide systems use a medium base socket (E26).

LED modules do not require a socket, and are wired directly to the integral driver.

Diffuser

Globe: optional, clear and prismatic glass globes are available for greater diffusion and lamp protection.

Globe with Cast Guard™: the combination is available for greater diffusion, and more robust lamp protection.

Note: G3, G10 and G11P are used with 100IN, 32CF, and 15LED max.

Only prismatic globes are compatible with LED sources.

Globes are not available with the 17W LED lamp.

Ballast / LED Driver

Ballasts and LED drivers are electronic, and available for integral and remote mounting, indoor or outdoor.

The LED source is controlled by an advanced electronic driver that delivers consistent power.

Ballast are integral and electronic. They are efficient with a high power factor greater than 90%, and quiet with an "A" sound rating.

Surge Suppressor

All 120V, 277V, and universal voltage fixtures are equipped with a 6kV surge suppressor.

Radial

TMSLIGHTING

ESTABLISHED 1923



Features

- Wave-styled reflector conveys a festive atmosphere
- Excellent uniformity, suitable for general and localized lighting, indoor and outdoor
- Lightweight construction for easy installation and less structural stress
- 16" and 19" diameter reflectors, designed for wide area coverage
- Practical options for application and design flexibility
- Quality components combined with the most current technology for high efficiency and reduced lighting costs

Dimming

The LED dimming option is the 0-10V type, with pulse width modulation (PWM), and current sinking control.

CF dimming options include the Mark 7 ® (0-10V), Mark 10 ® (line voltage), DALI (addressable), or Ecosystem ®.

Note: Use a current-sinking dimming system (by others) for LED dimming.

The dimming option is not available with 347V systems, or for outdoor CF applications.

Compatibility of this product is not guaranteed with all control systems.

Emergency

For LED and CF systems, integral and remote emergency back-ups are available, in the standard temperature and cold temperature type.

Note: The emergency option is available with 120-277V systems only.

EM Integral LED: (min. operating temp. +5C/+40F)

EMR Remote LED: (20 ft. / 6.096 m max. distance from EM to LED; min. operating temp. +5C/+40F; dry location mounting)

EMC Integral LED Cold Pack: (min. operating temp. -20C/-4F)

EMCR Remote LED Cold Pack: (20 ft. / 6.096 m max. distance from EM to LED; min. operating temp. -20C/-4F)

EM Integral CF: (min. operating temp. +5C/+40F)

EMC Integral CF Cold Pack: (min. operating temp. -20C/-4F)

The test switch and indicator light would be remote.

Finish

Available in brushed aluminum, powder-coated, and RAL finishes; see the "Finishes and Diffusers" chart.

Custom RAL finishes are available by special order.

Mounting

Mount to the ceiling, directly to a standard 4" electrical junction box. Choose either the stem mount (1/2" NPT std., 5ft. / 1.524 m max.), or the drop cord with the optional aircraft cable mount (10 ft. / 3.048 m max.).

Note: The aircraft cable or ceiling slope adapter may be required to comply with the local seismic/earthquake code.

Follow the installation instructions, and adhere to your local electrical code.

Compliances

QPS-C/US, or UL-C/US certified to UL1598 standards. Rated IP20 with the drop cord/ aircraft cable for use in dry, indoor locations; IP23 with the stem mount, for outdoor locations.

The Consultants Europe (CE) listing is available upon request.



Radial

TMSLIGHTING

ESTABLISHED 1923

RAD

1 2 3 4 5 6 7 8 9 10 11

Project: _____
Type: _____
Quantity: _____

Notes:

1 • Location

I: Indoor
O: Outdoor

2 • Diameter

16: 16" (41 cm) dia.
19: 19" (48 cm) dia.

3 • Lamping

100IN: 100W Incandescent
17LED: 17W LED (supplied)
15LED: 15W LED (CRI 80)
19LED: 19W LED (CRI 80)
26CF: 26W PL-T
32CF: 32W PL-T
42CF: 42W PL-T
70MH: 70W MH (E-17, E26 base)

4 • Mounting

CRD: 120" Drop cord (indoor)
CRD: 120" CF Drop cord (indoor)
CRD: 120" MH Drop cord (indoor)
C_: 1", 6", 12", 18", 24", 36",
48" or 60" Stem mount

5 • LED CCT (color temp.)

30K: 3000K
35K: 3500K
40K: 4000K

6 • Voltage

120: 120V
277: 277V
347: 347V (CF and MH only)

7 • Finish

Specialty

BR: Brushed aluminum
AN: Anodized (bright)
GA: Galvanized (rough; stem
mount would be flat silver)

Powder-coated

F05: White
F06: Clay brown
F08: Midnight blue
F09: Pewter
F10: Fire red
F13: Forest green
F14: Sunshine yellow
F15: Matte black
F16: Gloss black
F18: Flat aluminum
F19: Mirror silver
F22: Harvest gold
F24: Melted platinum (textured)
F25: Melted gold (textured)
F26: Melted copper (textured)
F28: Dark champagne
F31: Silver metallic
F33: Pyrite bronze
RAL: RAL custom color (specify)

8 • Globes

—: None
G1: Clear, elongated globe
G3: Prismatic, elongated globe
G9: Clear, elongated, large globe
G10: Prismatic elongated large globe
G11: Clear, elongated globe with cast guard
G11P: Prismatic globe with cast guard
G12: Clear, elongated, large globe with cast guard

9 • Dimming

—: None
DIM: CF dimming (Advance Mark 10 ®)
DIMV: CF dimming (Advance Mark 7 ®; 0-10V)
DIMD: CF dimming (Advance DALI)
DIME: CF dimming (Lutron Ecosystem ®)
DIML: LED dimming (0-10V; current-sinking)

10 • Emergency

—: None
EM: Integral LED or CF
EMC: Integral LED or CF cold pack
EMR: Remote LED or CF
EMCR: Remote LED or CF cold pack

11 • Mounting Accessories

—: None
ACC: Aircraft cable for drop cords (10 ft. / 3.048 m length)
BL: Ceiling slope adapter for stem mounting (20° slope max.)
Note: ACC or BL may be required to comply with the local seismic/earthquake code.

Note: Some options may not be compatible with others. To ensure compatibility between options, please visit tmslighting.com, on the "details" page of this luminaire, and use the configuration tool.

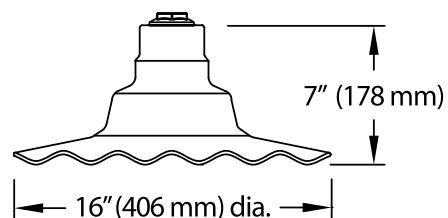


Radial

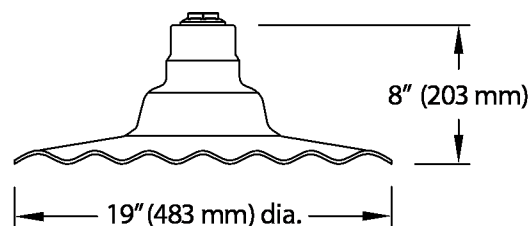
TMSLIGHTING

ESTABLISHED 1923

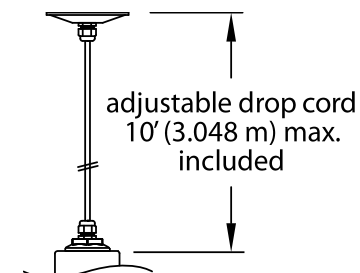
RAD-I/O-16



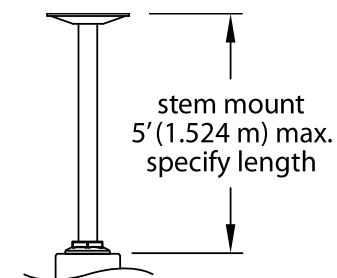
RAD-I/O-19



Drop Cord Mount



Stem Mount



Custom

TMS Lighting can customize this and many of our standard fixtures. The dimensions, lamp types, enclosure and colors could be modified to suit your lighting and architectural requirements. Contact your local representative for more details: <http://tmslighting.com/info/agents>

Specifications are subject to change without notice.

TMS Lighting Inc.
247A Summerlea Road,
Brampton, Ontario,
Canada. L6T 4E1
Web Site: tmslighting.com

North America: (905) 793-1174
Toll-free: (866) 793-1174
Fax: (905) 793-1175
UK & Europe: 44-1474-250-654