

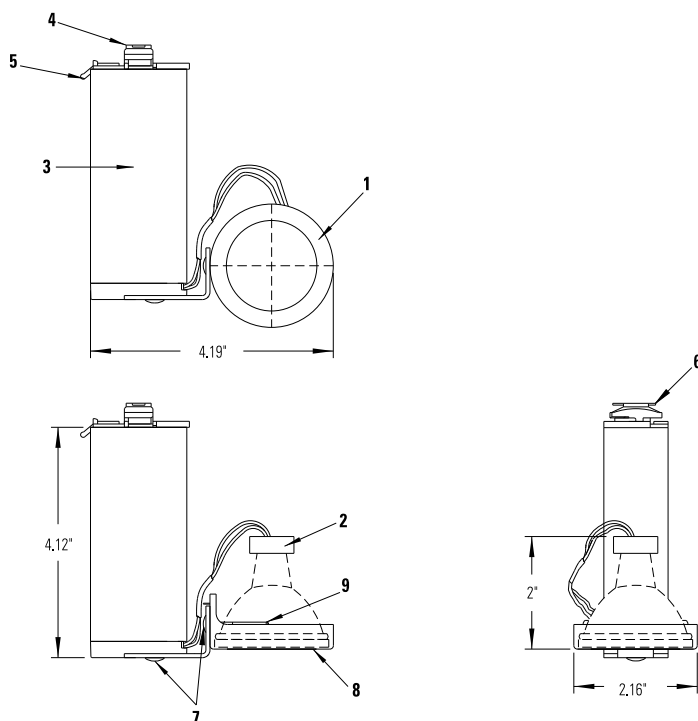
# LIGHTOLIER

by @signify

## Track Lighting

### Miniforms

9175N Shallow Ring MR16



Project: \_\_\_\_\_  
Location: \_\_\_\_\_  
Cat.No: \_\_\_\_\_  
Type: \_\_\_\_\_  
Lamps: \_\_\_\_\_ Qty: \_\_\_\_\_  
Notes: \_\_\_\_\_

#### Ordering Information

| Catalog No.                   | Finishes                                     | Track Mountings            | Lamps            |
|-------------------------------|----------------------------------------------|----------------------------|------------------|
| 9175NWH<br>9175NBK<br>9175NAL | Matte White<br>Matte Black<br>Matte Aluminum | All Lytespan Track Systems | MR16<br>75W Max. |

#### Features

- Lamp Bracket:** Drawn Steel with lamp retaining spring.
- Socket:** Bi-pin base ceramic socket wired with No. 18 standard Teflon leads.
- Transformer:** Electronic low voltage transformer with integral short circuit and thermal protection for increased reliability; housed in aluminum.
- Track Attachment Fitting:** Molded polycarbonate, rotates into track and locks on with push tab; integral polarity key guard.
- Push Tab:** Locks and detaches unit from track.
- Brass Contact:** Extends up for connection to second circuit when used with Advent® Lytespan track.
- Tension Pivot Mounts:** Steel. Allows for 180° horizontal rotation and 180° vertical rotation.
- Lamp Guard:** Tempered glass.
- Spring:** Steel springs hold lamp in place

#### Electrical/dimming

**Dimming controls:** Use only dimmers specifically designed for use with electronic transformers, like Lightolier Sunrise™ and Neptune Momentum QE™ series. Low voltage fixtures may produce audible sound when used with dimmers, which may be objectionable in acoustically critical areas.

#### Labels

UL

# 9175N Miniforms

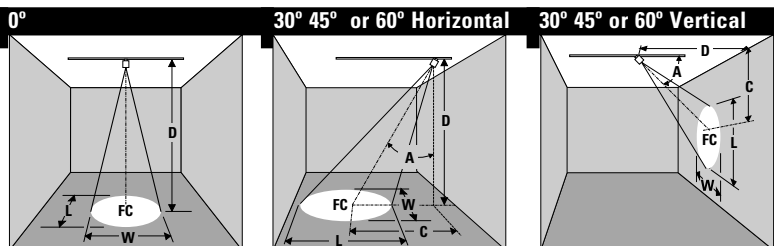
## Shallow Ring MR16

### Lighting Data

#### Aiming Angle:

**L** Beam length  
**W** Beam width  
**C** Distance to center of beam  
**D** Distance  
**A** Aiming angle  
**FC** Footcandles

**L** and **W** are the outer points where the candlepower drops to 50% of the maximum. **FC** are the initial footcandles at the center of the beam.



| LAMP                                                                                                                   | 0° AIMING ANGLE             |                   |    |     | A=30° AIMING ANGLE |      |     |    | A=45° AIMING ANGLE |      |     |    | A=60° AIMING ANGLE |      |     |    |      |      |    |      |     |      |      |    |      |     |      |      |    |      |     |       |      |
|------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------------|----|-----|--------------------|------|-----|----|--------------------|------|-----|----|--------------------|------|-----|----|------|------|----|------|-----|------|------|----|------|-----|------|------|----|------|-----|-------|------|
| Beam Spread<br>50% Max CP                                                                                              | Beam Center<br>C.P. Candela | Rated<br>Life-Hrs | D  | FC  | L                  | W    | D   | C  | FC                 | L    | W   | D  | C                  | FC   | L   | W  | D    | C    | FC | L    | W   |      |      |    |      |     |      |      |    |      |     |       |      |
|  20W MR16 (T-H)<br>VNSP (EZK)<br>7°   | 8200                        | 3000              | 7' | 187 | 0.9'               | 0.9' | 10' | 82 | 1.2'               | 1.2' | 13' | 49 | 1.6'               | 1.6' | 16' | 32 | 2.0' | 2.0' | 6' | 3.5' | 148 | 1.0' | 0.8' | 6' | 6.0' | 81  | 1.5' | 1.0' | 3' | 5.2' | 114 | 1.5'  | 0.7' |
|  20W MR16 (T-H)<br>NSP (ESX)<br>13°   | 3600                        | 2000              | 6' | 100 | 1.4'               | 1.4' | 8'  | 58 | 1.8'               | 1.8' | 10' | 38 | 2.3'               | 2.3' | 12' | 25 | 2.7' | 2.7' | 5' | 2.8' | 94  | 1.5' | 1.3' | 7' | 4.0' | 48  | 2.1' | 1.8' | 3' | 5.0' | 51  | 2.3'  | 1.6' |
|  20W MR16 (T-H)<br>FL (BAB)<br>40°    | 525                         | 4000              | 2' | 131 | 1.5'               | 1.5' | 3'  | 58 | 2.2'               | 2.2' | 4'  | 33 | 2.9'               | 2.9' | 5'  | 21 | 3.6' | 3.6' | 1' | 1.7' | 85  | 2.0' | 1.7' | 3' | 3.0' | 21  | 5.0' | 3.1' | 1' | 1.7' | 56  | 4.8'  | 1.5' |
|  35W MR16 (T-H)<br>NSP (FRB)<br>12°   | 8700                        | 4000              | 7' | 178 | 1.5'               | 1.5' | 10' | 87 | 2.1'               | 2.1' | 13' | 51 | 2.7'               | 2.7' | 16' | 34 | 3.4' | 3.4' | 6' | 3.5' | 157 | 1.7' | 1.5' | 6' | 6.0' | 85  | 2.6' | 1.8' | 3' | 5.2' | 121 | 2.6'  | 1.3' |
|  35W MR16 (T-H)<br>SP (FRA)<br>20°   | 3900                        | 4000              | 6' | 108 | 2.1'               | 2.1' | 8'  | 61 | 2.8'               | 2.8' | 10' | 39 | 3.5'               | 3.5' | 12' | 27 | 4.2' | 4.2' | 5' | 2.9' | 101 | 2.4' | 2.0' | 7' | 4.0' | 52  | 3.3' | 2.9' | 3' | 5.2' | 54  | 4.7'  | 2.1' |
|  42W MR16 (T-H)<br>VNSP (EZY)<br>9° | 13100                       | 3500              | 8' | 205 | 1.3'               | 1.3' | 12' | 91 | 1.9'               | 1.9' | 16' | 51 | 2.5'               | 2.5' | 20' | 33 | 3.1' | 3.1' | 7' | 4.0' | 174 | 1.5' | 1.3' | 7' | 7.0' | 95  | 2.2' | 1.6' | 3' | 5.2' | 102 | 2.6'  | 1.3' |
|  50W MR16 (T-H)<br>NFL (EXZ)<br>27° | 3400                        | 4000              | 6' | 94  | 2.9'               | 2.9' | 8'  | 53 | 3.8'               | 3.8' | 10' | 34 | 4.8'               | 4.8' | 12' | 24 | 5.8' | 5.8' | 5' | 2.9' | 88  | 3.3' | 2.8' | 3' | 3.0' | 134 | 3.1' | 2.0' | 2' | 3.5' | 106 | 4.6'  | 1.9' |
|  50W MR16 (T-H)<br>FL (EXN)<br>40°  | 1850                        | 4000              | 4' | 116 | 2.9'               | 2.9' | 6'  | 51 | 4.4'               | 4.4' | 8'  | 29 | 5.8'               | 5.8' | 10' | 19 | 7.3' | 7.3' | 1' | 1.7' | 134 | 3.0' | 2.5' | 4' | 4.0' | 41  | 6.7' | 4.1' | 2' | 3.5' | 58  | 9.7'  | 2.9' |
|  50W MR16 (T-H)<br>WFL (FNV)<br>55° | 1150                        | 4000              | 3' | 128 | 3.1'               | 3.1' | 5'  | 46 | 5.2'               | 5.2' | 7'  | 23 | 7.3'               | 7.3' | 9'  | 14 | 9.4' | 9.4' | 3' | 3.0' | 83  | 4.6' | 3.6' | 2' | 2.0' | 102 | 5.7' | 2.9' | 1' | 1.7' | 144 | 22.3' | 2.1' |
|  75W MR16 (T-H)<br>NSP (EYF)<br>14° | 12000                       | 4000              | 8' | 188 | 2.0'               | 2.0' | 12' | 83 | 2.9'               | 2.9' | 16' | 47 | 3.9'               | 3.9' | 20' | 30 | 4.9' | 4.9' | 3' | 3.0' | 159 | 2.3' | 2.0' | 7' | 7.0' | 87  | 3.5' | 2.4' | 4' | 6.9' | 94  | 4.1'  | 2.0' |
|  75W MR16 (T-H)<br>NFL (EYJ)<br>25° | 4900                        | 4000              | 6' | 136 | 2.7'               | 2.7' | 8'  | 77 | 3.5'               | 3.5' | 10' | 49 | 4.4'               | 4.4' | 12' | 34 | 5.3' | 5.3' | 5' | 2.9' | 127 | 3.0' | 2.6' | 3' | 3.0' | 192 | 2.8' | 1.9' | 2' | 3.5' | 153 | 4.2'  | 1.8' |
|  75W MR16 (T-H)<br>FL (EYC)<br>42°  | 2100                        | 4000              | 4' | 131 | 3.1'               | 3.1' | 6'  | 58 | 4.6'               | 4.6' | 8'  | 33 | 6.1'               | 6.1' | 10' | 21 | 7.7' | 7.7' | 3' | 3.0' | 152 | 3.2' | 2.7' | 4' | 4.0' | 82  | 5.4' | 3.3' | 1' | 1.7' | 263 | 5.5'  | 1.5' |

