

Project: _____
 Location: _____
 Cat.No: _____
 Type: _____
 Lamps: _____ Qty: _____
 Notes: _____

Ordering Information

| Catalog No. | Finishes | Track Mountings | Lamps |
|-------------|-------------|-----------------|----------|
| 9173BWH | Matte White | All Lytespan | MR16 |
| 9173BBK | Matte Black | Track Systems | 50W Max. |

Features

- Housing:** Aluminum.
- Socket:** Bi-pin base ceramic socket wired with No. 18 stranded Teflon leads with fiberglass outer sleeve.
- Transformer:** Electronic low voltage transformer with integral radio frequency interference filter and anti-cross-over circuit for increased reliability; housed in extruded 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; can be substituted with 2" filter.
- Spring:** Steel spring holds lamp tight inside housing.

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

Light to go

Compatible configurations

Luminaire

9173BWH

every job matters

9173B Miniforms

Cylinder MR16

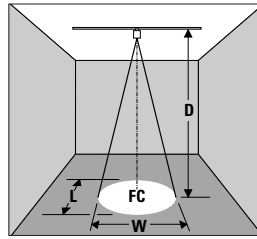
Lighting Data

Aiming Angle:

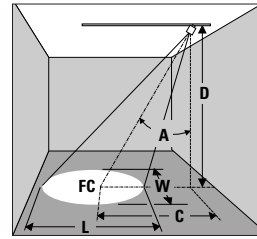
- L** Beam length
- W** Beam width
- C** Distance to center of beam
- D** Distance
- A** Aiming angle
- FC** Footcandles

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.

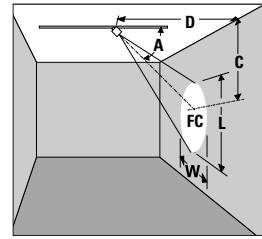
0°



30° 45° or 60° Horizontal



30° 45° or 60° Vertical



Lamp

0° Aiming Angle

A = 30° Aiming Angle

A = 45° Aiming Angle

A = 60° Aiming Angle

| Lamp | Beam Spread 50% Max CP | Beam Center C.P. Candelas | Rated Life-Hrs | 0° Aiming Angle | | | | | A = 30° Aiming Angle | | | | | A = 45° Aiming Angle | | | | | A = 60° Aiming Angle | | | | |
|------------------------------|---------------------------|------------------------------|-------------------|-----------------|-----|------|------|-----|----------------------|-----|-------|-------|-----|----------------------|-----|-------|------|----|----------------------|-----|-------|------|--|
| | | | | D | FC | L | W | D | C | FC | L | W | D | C | FC | L | W | D | C | FC | L | W | |
| 20W MR16 (T-H) VNSP (EXZ) | 7° | 8200 | 3000 | 7' | 167 | 0.9' | 0.9' | 6' | 3.5' | 148 | 1.0' | 0.8' | 4' | 4.0' | 181 | 1.0' | 0.7' | 2' | 3.5' | 256 | 1.0' | 0.5' | |
| | | | | 10' | 82 | 1.2' | 1.2' | 9' | 5.2' | 68 | 1.5' | 1.3' | 6' | 6.0' | 81 | 1.5' | 1.0' | 3' | 5.2' | 114 | 1.5' | 0.7' | |
| | | | | 13' | 49 | 1.6' | 1.6' | 12' | 6.9' | 37 | 2.0' | 1.7' | 8' | 8.0' | 45 | 2.0' | 1.4' | 4' | 6.9' | 64 | 2.0' | 1.0' | |
| | | | | 16' | 32 | 2.0' | 2.0' | 15' | 8.7' | 24 | 2.4' | 2.1' | 10' | 10.0' | 29 | 2.5' | 1.7' | 5' | 8.7' | 41 | 2.5' | 1.2' | |
| 20W MR16 (T-H) NSP (ESX) | 13° | 3600 | 3000 | 6' | 100 | 1.4' | 1.4' | 5' | 2.9' | 94 | 1.5' | 1.3' | 3' | 3.0' | 141 | 1.4' | 1.0' | 2' | 3.5' | 113 | 1.9' | 0.9' | |
| | | | | 8' | 56 | 1.8' | 1.8' | 7' | 4.0' | 48 | 2.1' | 1.8' | 5' | 5.0' | 51 | 2.3' | 1.6' | 3' | 5.2' | 50 | 2.8' | 1.4' | |
| | | | | 10' | 36 | 2.3' | 2.3' | 9' | 5.2' | 29 | 2.7' | 2.4' | 7' | 7.0' | 26 | 3.2' | 2.3' | 4' | 6.9' | 28 | 3.8' | 1.8' | |
| | | | | 12' | 25 | 2.7' | 2.7' | 11' | 6.4' | 19 | 3.4' | 2.9' | 9' | 9.0' | 16 | 4.2' | 2.9' | 5' | 8.7' | 18 | 4.7' | 2.3' | |
| 20W MR16 (T-H) FL (BAB) | 40° | 525 | 4000 | 2' | 131 | 1.5' | 1.5' | 2' | 1.2' | 85 | 2.0' | 1.7' | 2' | 2.0' | 46 | 3.4' | 2.1' | 1' | 1.7' | 66 | 4.8' | 1.5' | |
| | | | | 3' | 58 | 2.2' | 2.2' | 3' | 1.7' | 38 | 3.0' | 2.5' | 3' | 3.0' | 21 | 5.0' | 3.1' | 2' | 3.5 | 16 | 8.7' | 2.9' | |
| | | | | 4' | 33 | 2.9' | 2.9' | 4' | 2.3' | 21 | 4.1' | 3.4' | 4' | 4.0' | 12 | 6.7' | 4.1' | 3' | 5.2' | 7 | 14.5' | 4.4' | |
| | | | | 5' | 21 | 3.6' | 3.6' | 5' | 2.9' | 14 | 5.1' | 4.2' | 5' | 5.0' | 7 | 8.4' | 5.1' | 4' | 6.9' | 4 | 19.3' | 5.8' | |
| 35W MR16 (T-H) NSP (FRB) | 12° | 6700 | 4000 | 7' | 178 | 1.5' | 1.5' | 6' | 3.5' | 157 | 1.7' | 1.5' | 4' | 4.0' | 192 | 1.7' | 1.2' | 2' | 3.5' | 272 | 1.7' | 0.8' | |
| | | | | 10' | 87 | 2.1' | 2.1' | 9' | 5.2' | 70 | 2.5' | 2.2' | 6' | 6.0' | 85 | 2.6' | 1.8' | 3' | 5.2' | 121 | 2.6' | 1.3' | |
| | | | | 13' | 51 | 2.7' | 2.7' | 12' | 6.9' | 39 | 3.4' | 2.9' | 8' | 8.0' | 48 | 3.4' | 2.4' | 4' | 6.9' | 68 | 3.5' | 1.7' | |
| | | | | 16' | 34 | 3.4' | 3.4' | 15' | 8.7' | 25 | 4.2' | 3.6' | 10' | 10.0' | 31 | 4.3' | 3.0' | 5' | 8.7' | 44 | 4.3' | 2.1' | |
| 35W MR16 (T-H) SP (FRA) | 20° | 3900 | 4000 | 6' | 108 | 2.1' | 2.1' | 5' | 2.9' | 101 | 2.4' | 2.0' | 3' | 3.0' | 153 | 2.2' | 1.5' | 2' | 3.5' | 122 | 3.1' | 1.4' | |
| | | | | 8' | 61 | 2.8' | 2.8' | 7' | 4.0' | 52 | 3.3' | 2.9' | 5' | 5.0' | 55 | 3.6' | 2.5' | 3' | 5.2' | 54 | 4.7' | 2.1' | |
| | | | | 10' | 39 | 3.5' | 3.5' | 9' | 5.2' | 31 | 4.3' | 3.7' | 7' | 7.0' | 28 | 5.1' | 3.5' | 4' | 6.9' | 30 | 6.2' | 2.8' | |
| | | | | 12' | 27 | 4.2' | 4.2' | 11' | 6.4' | 21 | 5.2' | 4.5' | 9' | 9.0' | 17 | 6.6' | 4.5' | 5' | 8.7' | 20 | 7.8' | 3.5' | |
| 35W MR16 (T-H) FL (FMW) | 40° | 1600 | 4000 | 4' | 100 | 2.9' | 2.9' | 3' | 1.7' | 115 | 3.0' | 2.5' | 3' | 3.0' | 63 | 5.0' | 3.1' | 1' | 1.7' | 200 | 4.8' | 1.5' | |
| | | | | 6' | 44 | 4.4' | 4.4' | 5' | 2.9' | 42 | 5.1' | 4.2' | 4' | 4.0' | 35 | 6.7' | 4.1' | 2' | 3.5 | 50 | 9.7' | 2.9' | |
| | | | | 8' | 25 | 5.8' | 5.8' | 7' | 4.0' | 21 | 7.1' | 5.9' | 5' | 5.0' | 23 | 8.4' | 5.1' | 3' | 5.2' | 22 | 14.5' | 4.4' | |
| | | | | 10' | 16 | 7.3' | 7.3' | 9' | 5.2' | 13 | 9.1' | 7.6' | 6' | 6.0' | 16 | 10.1' | 6.2' | 4' | 6.9' | 13 | 19.3' | 5.8' | |
| 42W MR16 (T-H) VNSP (EZY) | 9° | 13100 | 3500 | 8' | 205 | 1.3' | 1.3' | 7' | 4.0' | 174 | 1.5' | 1.3' | 5' | 5.0' | 185 | 1.6' | 1.1' | 3' | 5.2' | 182 | 1.9' | 0.9' | |
| | | | | 12' | 91 | 1.9' | 1.9' | 10' | 5.8' | 85 | 2.1' | 1.8' | 7' | 7.0' | 95 | 2.2' | 1.6' | 4' | 6.9' | 102 | 2.6' | 1.3' | |
| | | | | 16' | 51 | 2.5' | 2.5' | 13' | 7.5' | 50 | 2.7' | 2.4' | 9' | 9.0' | 57 | 2.9' | 2.0' | 5' | 8.7' | 66 | 3.2' | 1.6' | |
| | | | | 20' | 33 | 3.1' | 3.1' | 15' | 9.2' | 33 | 3.4' | 2.9' | 11' | 11.0' | 38 | 3.5' | 2.4' | 6' | 10.4' | 45 | 3.8' | 1.9' | |
| 42W MR16 (T-H) NFL (EYS) | 27° | 2400 | 4000 | 4' | 150 | 1.9' | 1.9' | 3' | 1.7' | 173 | 2.0' | 1.7' | 3' | 3.0' | 94 | 3.1' | 2.0' | 1' | 1.7' | 300 | 2.3' | 1.0' | |
| | | | | 6' | 67 | 2.9' | 2.9' | 5' | 2.9' | 62 | 3.3' | 2.8' | 4' | 4.0' | 53 | 4.1' | 2.7' | 2' | 3.5 | 75 | 4.6' | 1.9' | |
| | | | | 8' | 38 | 3.8' | 3.8' | 7' | 4.0' | 32 | 4.6' | 3.9' | 5' | 5.0' | 34 | 5.1' | 3.4' | 3' | 5.2' | 33 | 7.0' | 2.9' | |
| | | | | 10' | 24 | 4.8' | 4.8' | 9' | 5.2' | 19 | 5.9' | 5.0' | 6' | 6.0' | 24 | 6.1' | 4.1' | 4' | 6.9' | 19 | 9.3' | 3.8' | |
| 50W MR16 (T-H) NSP (EXT) | 14° | 10200 | 4000 | 8' | 159 | 2.0' | 2.0' | 7' | 4.0' | 135 | 2.3' | 2.0' | 5' | 5.0' | 144 | 2.5' | 1.7' | 3' | 5.2' | 142 | 3.1' | 1.5' | |
| | | | | 12' | 71 | 2.9' | 2.9' | 10' | 5.8' | 66 | 3.3' | 2.8' | 7' | 7.0' | 74 | 3.5' | 2.4' | 4' | 6.9' | 80 | 4.1' | 2.0' | |
| | | | | 16' | 40 | 3.8' | 3.9' | 13' | 7.5' | 39 | 4.3' | 3.7' | 9' | 9.0' | 45 | 4.5' | 3.1' | 5' | 8.7' | 51 | 5.1' | 2.5' | |
| | | | | 20' | 26 | 4.9' | 4.9' | 15' | 9.2' | 28 | 5.3' | 4.5' | 11' | 11.0' | 30 | 5.5' | 3.8' | 6' | 10.4' | 35 | 6.2' | 2.9' | |
| 50W MR16 (T-H) NFL (EXZ) | 27° | 3400 | 4000 | 6' | 94 | 2.9' | 2.9' | 5' | 2.9' | 88 | 3.3' | 2.8' | 3' | 3.0' | 134 | 3.1' | 2.0' | 2' | 3.5' | 106 | 4.6' | 1.9' | |
| | | | | 8' | 53 | 3.8' | 3.8' | 7' | 4.0' | 45 | 4.6' | 3.9' | 5' | 5.0' | 48 | 5.1' | 3.4' | 3' | 5.2' | 47 | 7.0' | 2.9' | |
| | | | | 10' | 34 | 4.8' | 4.8' | 9' | 5.2' | 27 | 5.9' | 5.0' | 7' | 7.0' | 25 | 7.1' | 4.8' | 4' | 6.9' | 27 | 9.3' | 3.8' | |
| | | | | 12' | 24 | 5.8' | 5.8' | 11' | 6.4' | 18 | 7.2' | 6.1' | 9' | 9.0' | 15 | 9.2' | 6.1' | 5' | 8.7' | 17 | 11.6' | 4.8' | |
| 50W MR16 (T-H) FL (EXN) | 40° | 1850 | 4000 | 4' | 116 | 2.9' | 2.9' | 3' | 1.7' | 134 | 3.0' | 2.5' | 3' | 3.0' | 73 | 5.0' | 3.1' | 1' | 1.7' | 231 | 4.8' | 1.5' | |
| | | | | 6' | 51 | 4.4' | 4.4' | 5' | 2.9' | 48 | 5.1' | 4.2' | 4' | 4.0' | 41 | 6.7' | 4.1' | 2' | 3.5 | 59 | 9.7' | 2.9' | |
| | | | | 8' | 29 | 5.8' | 5.8' | 7' | 4.0' | 25 | 7.1' | 5.9' | 5' | 5.0' | 26 | 8.4' | 5.1' | 3' | 5.2' | 26 | 14.5' | 4.4' | |
| | | | | 10' | 19 | 7.3' | 7.3' | 9' | 5.2' | 15 | 9.1' | 7.6' | 6' | 6.0' | 18 | 10.1' | 6.2' | 4' | 6.9' | 14 | 19.3' | 5.8' | |
| 50W MR16 (T-H) WFL (FNV) | 55° | 1150 | 4000 | 3' | 128 | 3.1' | 3.1' | 3' | 1.7' | 83 | 4.6' | 3.6' | 2' | 2.0' | 102 | 5.7' | 2.9' | 1' | 1.7' | 144 | 22.3' | 2.1' | |
| | | | | 5' | 46 | 5.2' | 5.2' | 5' | 2.9' | 30 | 7.8' | 6.0' | 3' | 3.0' | 45 | 8.6' | 4.4' | 2' | 3.5 | 36 | 44.5' | 4.2' | |
| | | | | 7' | 23 | 7.3' | 7.3' | 7' | 4.0' | 15 | 10.7' | 8.4' | 4' | 4.0' | 25 | 11.4' | 5.8' | 3' | 5.2' | 16 | 66.8' | 6.2' | |
| | | | | 9' | 14 | 9.4' | 9.4' | 9' | 5.2' | 9 | 13.7' | 10.8' | 5' | 5.0' | 15 | 14.3' | 7.4' | 4' | 6.9' | 9 | 89.1' | 8.3' | |

