

MR16

Available Options

Watts: 6W, 7.5W, 9W

Series: VIVID (95CRI), BRILLIANT (80CRI)

General Specifications

Form Factor:

Width - 50.1mm (1.97")

Height - 45.5mm (1.79")

Weight - 47g

Electrical:

Voltage - 12v

Power Factor - 0.92

Dimmable < 20%

25 and 36 Degree Flood

10 Degree Narrow Spot
SNAPSYSTEM



LUMEN RANGE

6 Watt

VIVID (95CRI): 290 - 310
BRILLIANT (80CRI): 355 - 375

7.5 Watt

VIVID (95CRI): 390 - 455
BRILLIANT (80CRI): 475 - 525

9 Watt

VIVID (95CRI): 465 - 490
BRILLIANT (80CRI): 560 - 590

Constant Current (MR16CC)

VIVID (95CRI): 485 - 580

ORDERING GUIDE

| SM16 | Power | Beam | CRI | Color | 03 | Region |
|------------------------|-------------------------------|--|--|--|----------------|---|
| Lamp Type | | | | | PG | |
| SM16 - MR16 | 06 - 6 Watt | 25D - 25° 36D - 36° | 9 - 95 CRI 8 - 80 CRI | 27 - 2700 K 30 - 3000 K | 03 - PG | Blank - USA S3 - Intl. |
| | 07 - 7.5 Watt | 10D - 10° ● 25D - 25° 36D - 36° | 9 - 95 CRI 8 - 80 CRI | 27 - 2700 K 30 - 3000 K 40 - 4000 K 50 - 5000 K | | |
| | 09 - 9 Watt | 25D - 25° 36D - 36° | 9 - 95 CRI 8 - 80 CRI | 27 - 2700 K 30 - 3000 K | | |
| SM16C - MR16 CC | CC1 - Constant Current | 10D - 10° ● 25D - 25° 36D - 36° | 9 - 95 CRI | 27 - 2700 K 30 - 3000 K 40 - 4000 K | | |

PHOTOMETRIC DATA: **MR16 3000K, 95CRI, 7.5W** (Additional lamp data can be found on pages 36-39)

| Distance | Narrow Spot 10° | | | | Narrow Flood 25° | | | | Flood 36° | | | |
|-------------|-----------------|------|-------|------|------------------|------|-------|------|-----------|------|-------|------|
| | BD | | FC | | BD | | FC | | BD | | FC | |
| 3 ft 1 m | 0.5ft | 0.2m | 11.1% | 100% | 1.3ft | 0.4m | 11.1% | 100% | 1.9ft | 0.6m | 11.1% | 100% |
| 6 ft 2 m | 1.0ft | 0.3m | 2.8% | 25% | 2.7ft | 0.9m | 2.8% | 25% | 3.9ft | 1.3m | 2.8% | 25% |
| 9 ft 3 m | 1.6ft | 0.5m | 1.2% | 11% | 4.0ft | 1.3m | 1.2% | 11% | 5.8ft | 1.9m | 1.2% | 11% |
| 12 ft 4 m | 2.1ft | 0.7m | 0.7% | 6% | 5.3ft | 1.8m | 0.7% | 6% | 7.8ft | 2.6m | 0.7% | 6% |
| 15 ft 5 m | 2.6ft | 0.9m | 0.4% | 4% | 6.7ft | 2.2m | 0.4% | 4% | 9.7ft | 3.2m | 0.4% | 4% |

CBCP: 6000 CBCP: 2400 CBCP: 1130

BD - Beam Diameter at 50% CBCP (ft/m)

FC - Foot Candles/ Lux (% of CBCP)

PG - Performance Generation

● **SNAPSYSTEM** compatible (pages 34-35)