

MR16 / GU5.3

8.0W - 15°

SPECIFICATIONS & TECHNICAL DATA

The 12V EmeryAllen MR16 retrofit lamp is an energy efficient alternative to halogen MR16 lamps. It offers similar light output to a 12V, 80W incandescent (750-880lm) and is suitable for use in most 12V GU5.3 MR16 fixtures.

Base Type	GU5.3
Material	Ceramic + PC
Input Voltage	12V AC
Wattage	8.0
Volt-Amperes (VA)	7.55
CRI	93.1
Brightness	724 lumens
Lumens/Watt	90.5
Color Temperature	2700K, 3000K
R9	52.7
Halogen Equivalent	80W
Beam Angle	15 degrees
Life	36,000 hours
Warranty	Limited Lifetime*

Available Models:

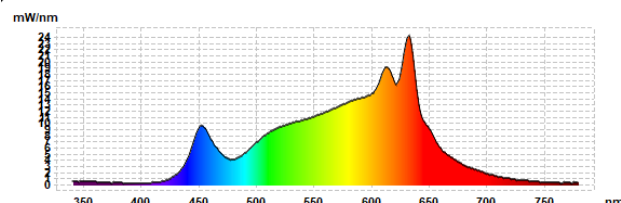
- EA-MR16-8.0W-15D-2790-D (2700K)
- EA-MR16-8.0W-15D-3090-D (3000K)

Dimming:

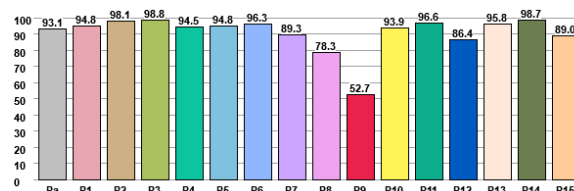
- Dimmable with most magnetic and electronic LED compatible transformers
- Dimmable with most MLV and ELV dimmers



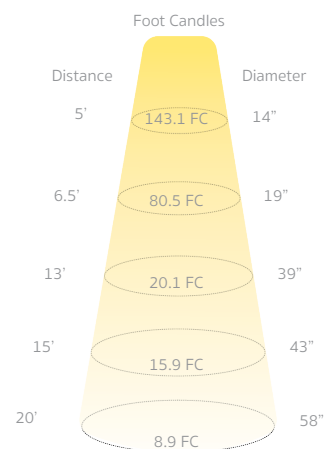
SPECTRAL DISTRIBUTION



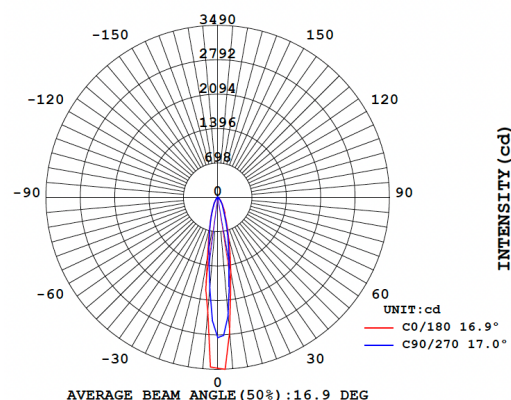
CRI VALUES R1-R15



CANDELA DISTRIBUTION



LUMINOUS INTENSITY



MR16 / GU5.3

8.0W - 24°

SPECIFICATIONS & TECHNICAL DATA

The 12V EmeryAllen MR16 retrofit lamp is an energy efficient alternative to halogen MR16 lamps. It offers similar light output to a 12V, 80W incandescent (750-880lm) and is suitable for use in most 12V GU5.3 MR16 fixtures.

Base Type	GU5.3
Material	Ceramic + PC
Input Voltage	12V AC
Wattage	8.0
Volt-Amperes (VA)	7.59
CRI	94.2
Brightness	794 lumens
Lumens/Watt	99.2
Color Temperature	2700K, 3000K
R9	57.7
Halogen Equivalent	80W
Beam Angle	24 degrees
Life	36,000 hours
Warranty	Limited Lifetime*

Available Models:

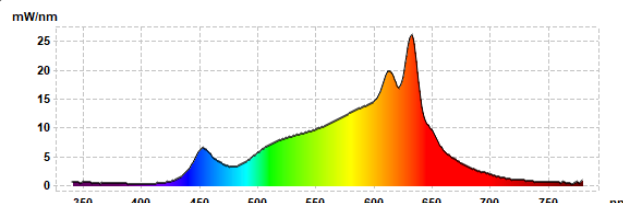
- EA-MR16-8.0W-24D-2790-D (2700K)
- EA-MR16-8.0W-24D-3090-D (3000K)

Dimming:

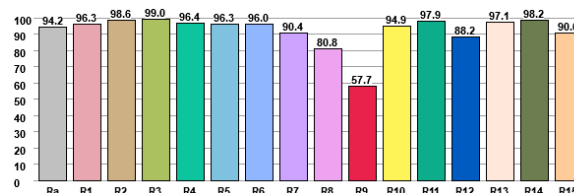
- Dimmable with most magnetic and electronic LED compatible transformers
- Dimmable with most MLV and ELV dimmers



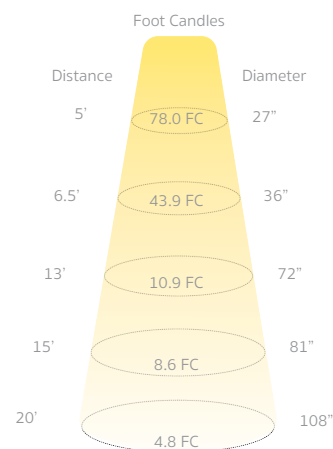
SPECTRAL DISTRIBUTION



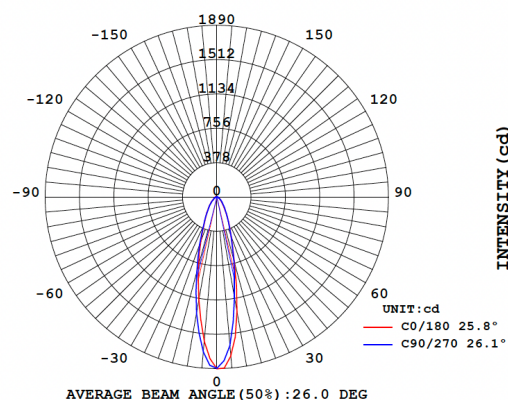
CRI VALUES R1-R15



CANDELA DISTRIBUTION



LUMINOUS INTENSITY



MR16 / GU5.3

8.0W - 36°

SPECIFICATIONS & TECHNICAL DATA

The 12V EmeryAllen MR16 retrofit lamp is an energy efficient alternative to halogen MR16 lamps. It offers similar light output to a 12V, 80W incandescent (750-880lm) and is suitable for use in most 12V GU5.3 MR16 fixtures.

Base Type	GU5.3
Material	Ceramic + PC
Input Voltage	12V AC
Wattage	8.0
Volt-Amperes (VA)	7.6
CRI	93.5
Brightness	724 lumens
Lumens/Watt	90.5
Color Temperature	2700K, 3000K
R9	53.7
Halogen Equivalent	80W
Beam Angle	36 degrees
Life	36,000 hours
Warranty	Limited Lifetime*

Available Models:

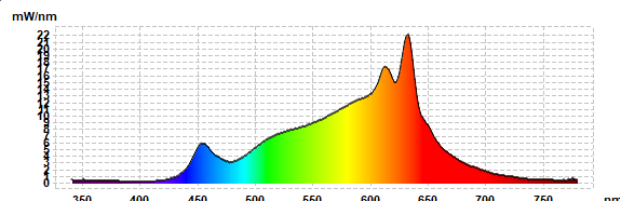
- EA-MR16-8.0W-36D-2790-D (2700K)
- EA-MR16-8.0W-36D-3090-D (3000K)

Dimming:

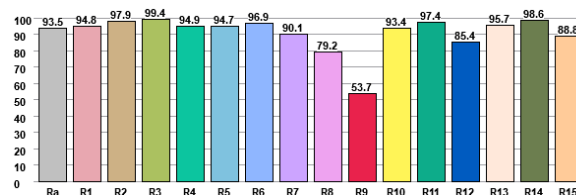
- Dimmable with most magnetic and electronic LED compatible transformers
- Dimmable with most MLV and ELV dimmers



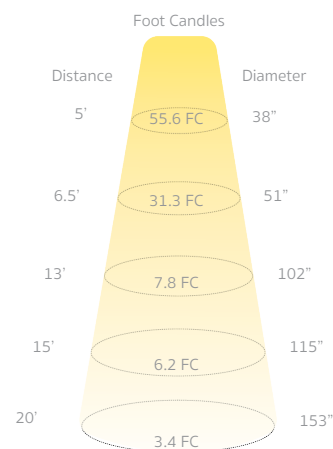
SPECTRAL DISTRIBUTION



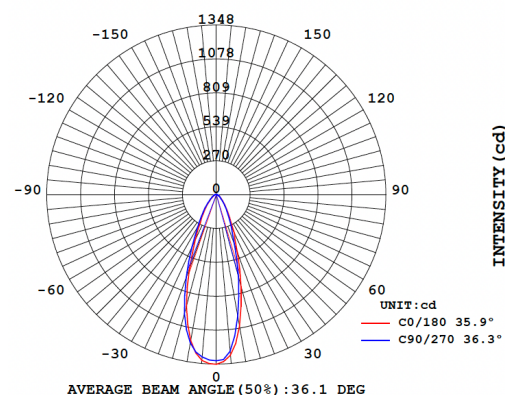
CRI VALUES R1-R15



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LUMINOUS INTENSITY



MR16 / GU5.3

8.0W - 60°

SPECIFICATIONS & TECHNICAL DATA

The 12V EmeryAllen MR16 retrofit lamp is an energy efficient alternative to halogen MR16 lamps. It offers similar light output to a 12V, 80W incandescent (750-880lm) and is suitable for use in most 12V GU5.3 MR16 fixtures.

Base Type	GU5.3
Material	Ceramic + PC
Input Voltage	12V AC
Wattage	8.0
Volt-Amperes (VA)	7.6
CRI	94.6
Brightness	830 lumens
Lumens/Watt	103.75
Color Temperature	2700K, 3000K
R9	62.6
Halogen Equivalent	80W
Beam Angle	60 degrees
Life	36,000 hours
Warranty	Limited Lifetime*

Available Models:

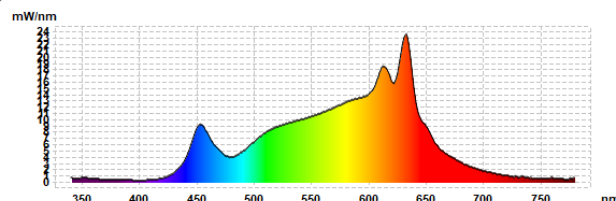
- EA-MR16-8.0W-60D-2790-D (2700K)
- EA-MR16-8.0W-60D-3090-D (3000K)

Dimming:

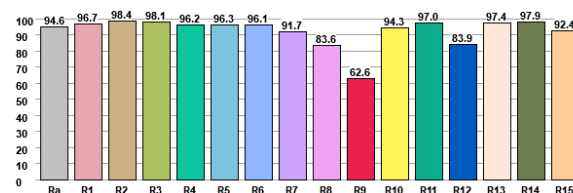
- Dimmable with most magnetic and electronic LED compatible transformers
- Dimmable with most MLV and ELV dimmers



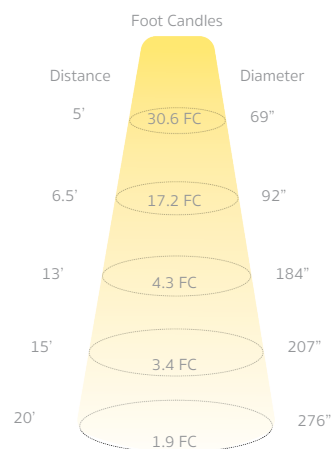
SPECTRAL DISTRIBUTION



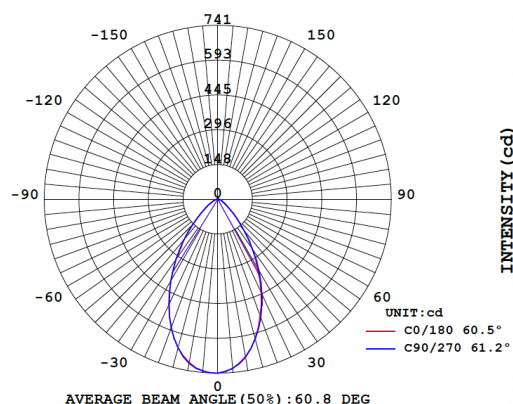
CRI VALUES R1-R15



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LUMINOUS INTENSITY



MR16 / GU5.3

8.0W - 120°

SPECIFICATIONS & TECHNICAL DATA

The 12V EmeryAllen MR16 retrofit lamp is an energy efficient alternative to halogen MR16 lamps. It offers similar light output to a 12V, 80W incandescent (750-880lm) and is suitable for use in most 12V GU5.3 MR16 fixtures.

Base Type	GU5.3
Material	Ceramic + PC
Input Voltage	12V AC
Wattage	8.0
Volt-Amperes (VA)	7.67
CRI	94.1
Brightness	858 lumens
Lumens/Watt	107.2
Color Temperature	2700K, 3000K
R9	59.7
Halogen Equivalent	80W
Beam Angle	120 degrees
Life	36,000 hours
Warranty	Limited Lifetime*

Available Models:

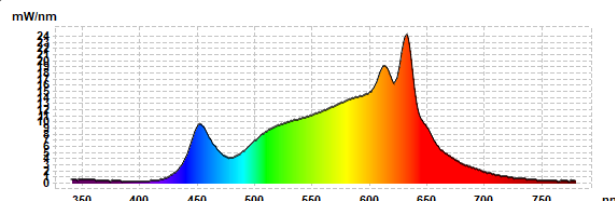
- EA-MR16-8.0W-120D-2790-D (2700K)
- EA-MR16-8.0W-120D-3090-D (3000K)

Dimming:

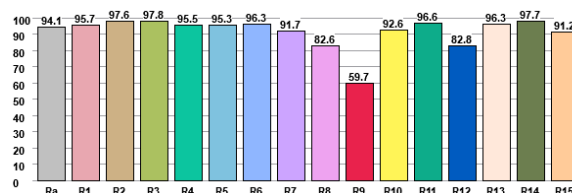
- Dimmable with most magnetic and electronic LED compatible transformers
- Dimmable with most MLV and ELV dimmers



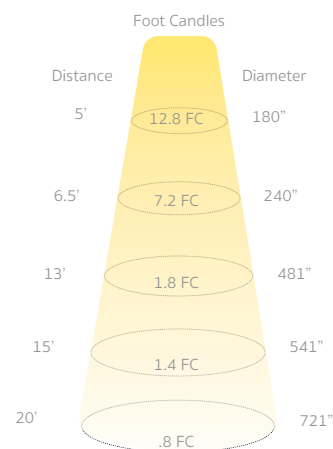
SPECTRAL DISTRIBUTION



CRI VALUES R1-R15



CANDELA DISTRIBUTION



LUMINOUS INTENSITY

