

MR16 / GU5.3

3.0W - 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, 20W incandescent (275-300lm) and is suitable for use in most 12V GU5.3 MR16 fixtures.

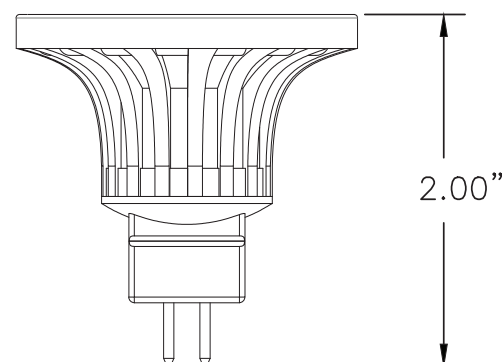
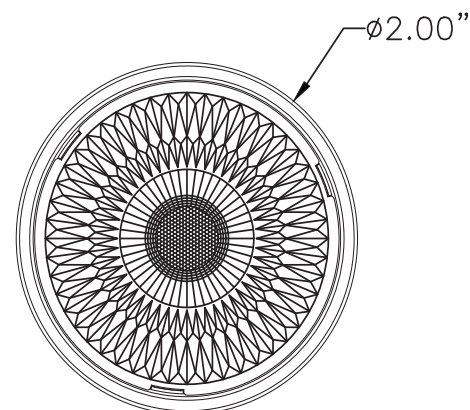
Base Type	GU5.3
Material	Ceramic + PC
Input Voltage	12V AC
Wattage	3.0
Volt-Amperes (VA)	3.32W
CRI	92
Brightness	281 lumens
Lumens/Watt	93
Life	36,000 hours
Color Temperature	2700K, 3000K
R9	53
R13	95
Halogen Equivalent	20W
Beam Angle	15 degrees

Available Models:

- EA-MR16-3.0W-15D-2790-D (2700K)
- EA-MR16-3.0W-15D-3090-D (3000K)

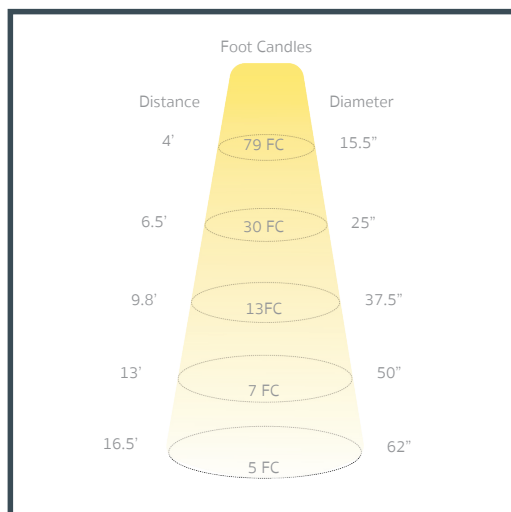
Dimming:

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

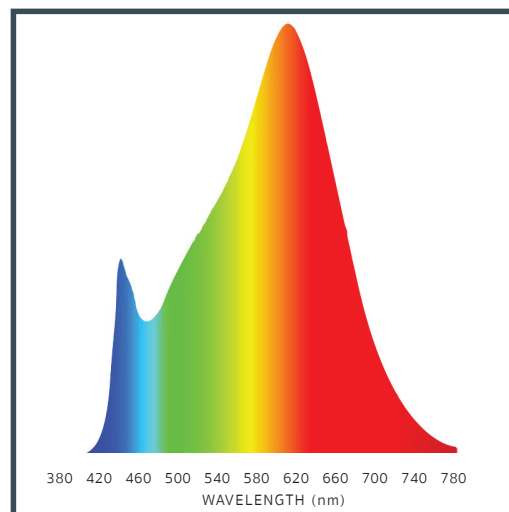


MR16 / GU5.3 / 3.0W / 15°

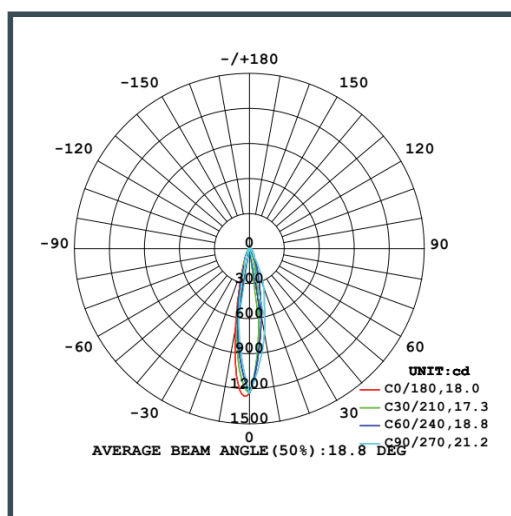
CANDELA DISTRIBUTION



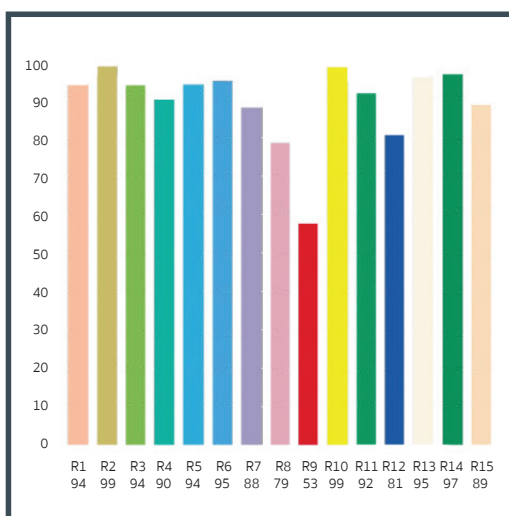
SPECTRAL DISTRIBUTION



LUMINOUS INTENSITY



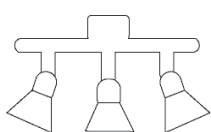
CRI VALUES R1-R15



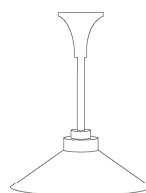
APPLICATIONS

Because of their small size, ability to be enclosed and numerous combinations of options, our MR16 can be used in a variety of applications. Here are a few common ones.

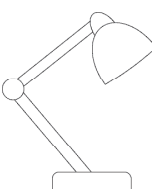
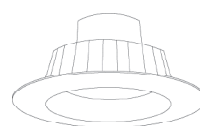
TRACK LIGHTING



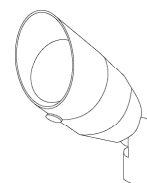
PENDANTS



RECESSED LIGHTING



TASK LIGHTING



LANDSCAPE LIGHTING

MR16 / GU5.3

3.0W - 24°

SPECIFICATIONS & TECHNICAL DATA

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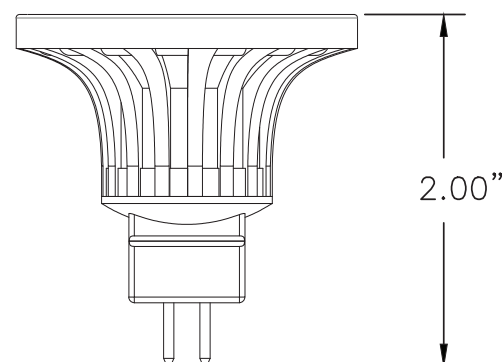
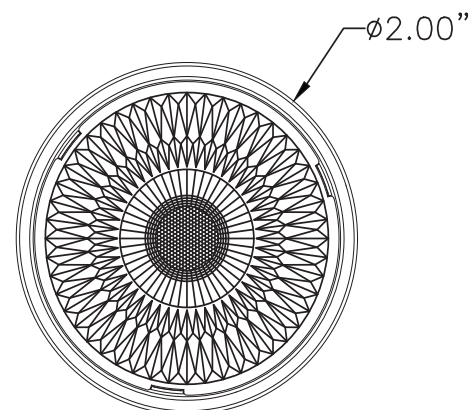
Base Type	GU5.3
Material	Ceramic + PC
Input Voltage	12V AC
Wattage	3.0
Volt-Amperes (VA)	3.34W
CRI	92
Brightness	272 lumens
Lumens/Watt	89
Life	36,000 hours
Color Temperature	2700K, 3000K
R9	53
R13	95
Halogen Equivalent	20W
Beam Angle	24 degrees

Available Models:

- EA-MR16-3.0W-24D-2790-D (2700K)
- EA-MR16-3.0W-24D-3090-D (3000K)

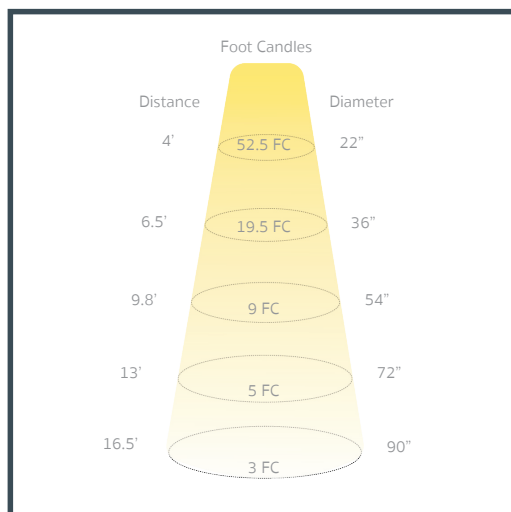
Dimming:

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

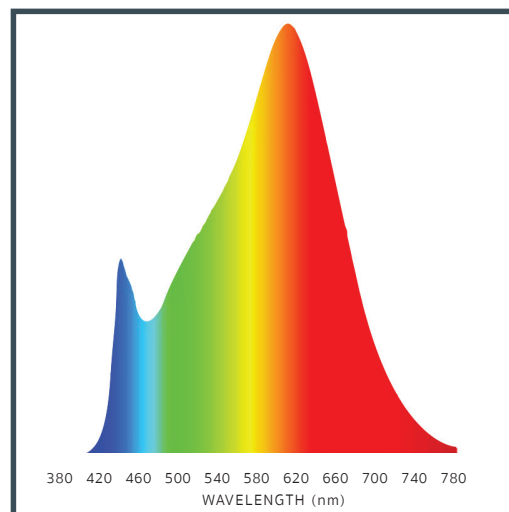


MR16 / GU5.3 / 3.0W / 24°

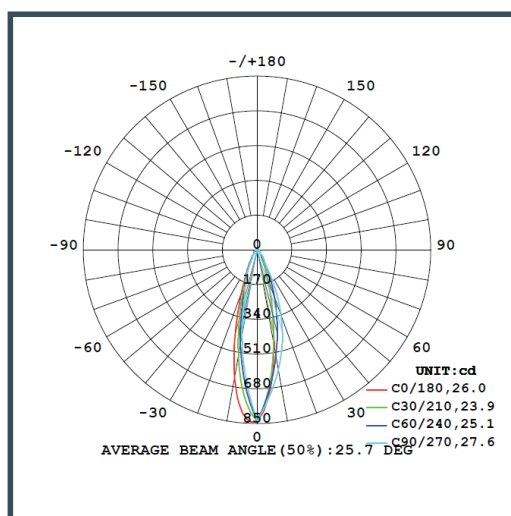
CANDELA DISTRIBUTION



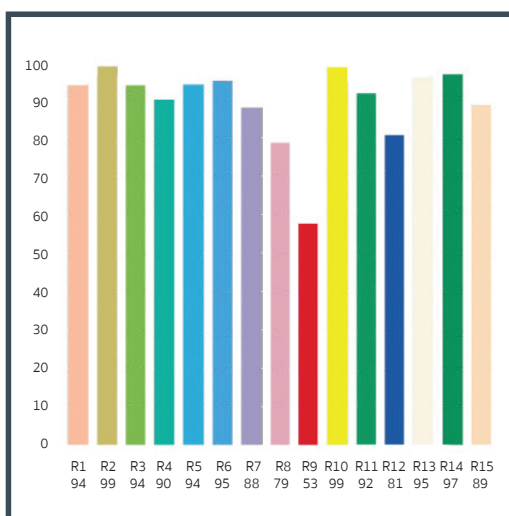
SPECTRAL DISTRIBUTION



LUMINOUS INTENSITY



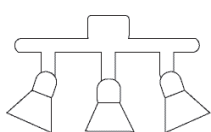
CRI VALUES R1-R15



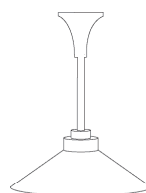
APPLICATIONS

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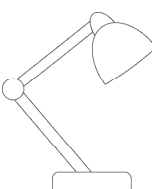
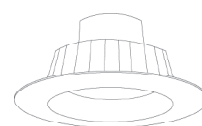
TRACK LIGHTING



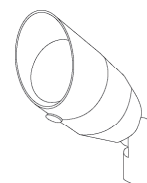
PENDANTS



RECESSED LIGHTING



TASK LIGHTING



LANDSCAPE LIGHTING

MR16 / GU5.3

3.0W - 36°

SPECIFICATIONS & TECHNICAL DATA

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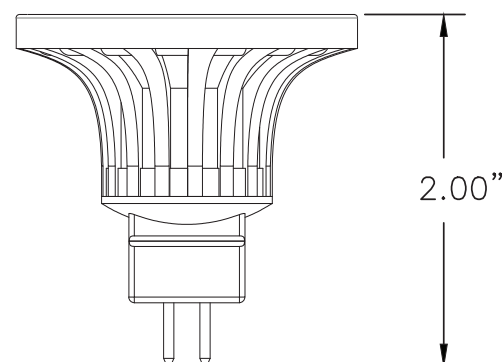
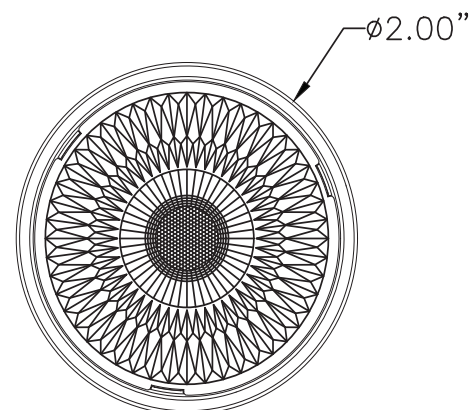
Base Type	GU5.3
Material	Ceramic + PC
Input Voltage	12V AC
Wattage	3.0
Volt-Amperes (VA)	3.33W
CRI	92
Brightness	334 lumens
Lumens/Watt	108
Life	36,000 hours
Color Temperature	2700K, 3000K
R9	53
R13	95
Halogen Equivalent	20W
Beam Angle	36 degrees

Available Models:

- EA-MR16-3.0W-36D-2790-D (2700K)
- EA-MR16-3.0W-36D-3090-D (3000K)

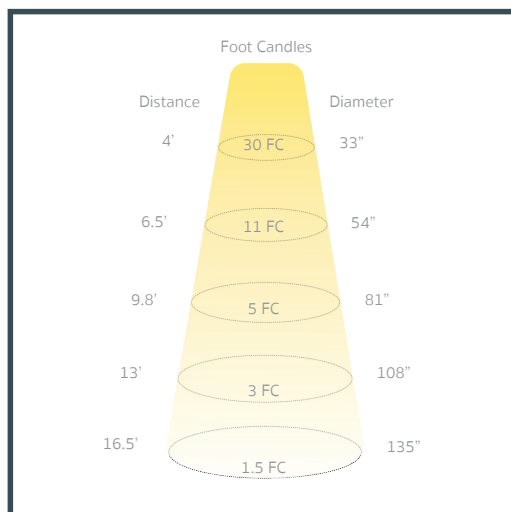
Dimming:

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

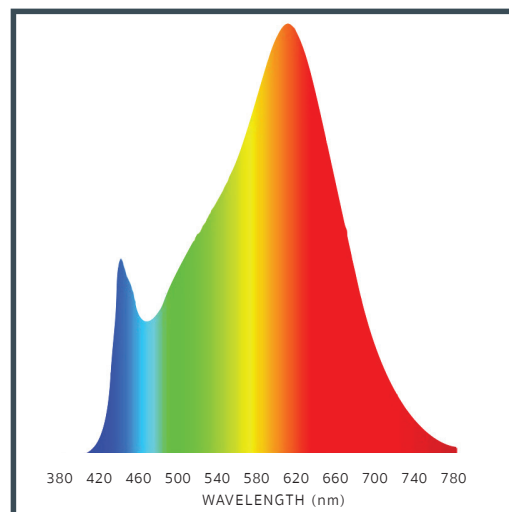


MR16 / GU5.3 / 3.0W / 36°

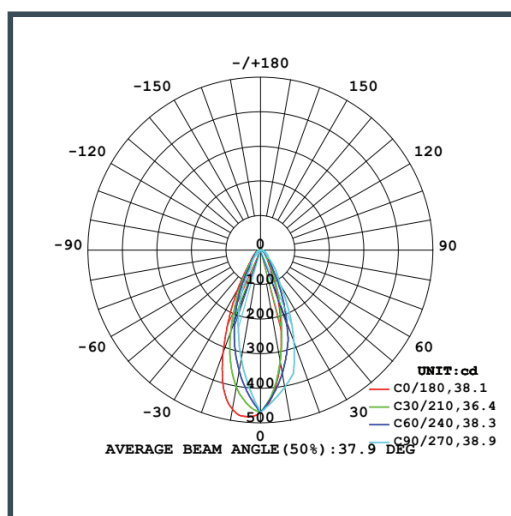
CANDELA DISTRIBUTION



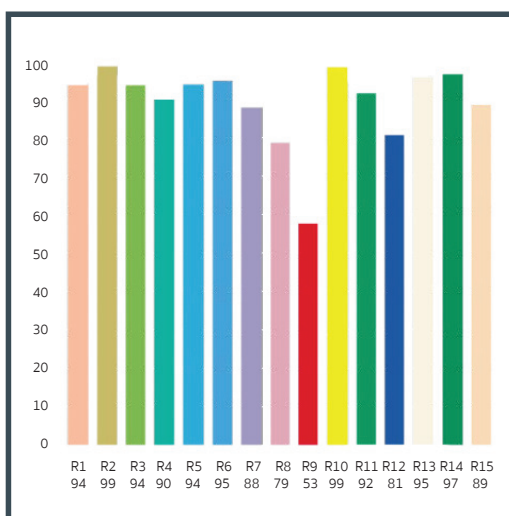
SPECTRAL DISTRIBUTION



LUMINOUS INTENSITY



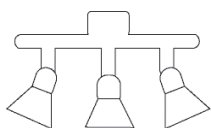
CRI VALUES R1-R15



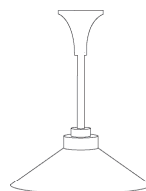
APPLICATIONS

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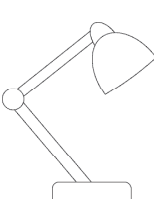
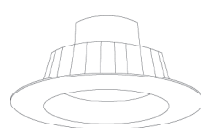
TRACK LIGHTING



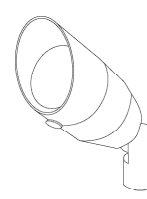
PENDANTS



RECESSED LIGHTING



TASK LIGHTING



LANDSCAPE LIGHTING

MR16 / GU5.3

3.0W - 60°

SPECIFICATIONS & TECHNICAL DATA

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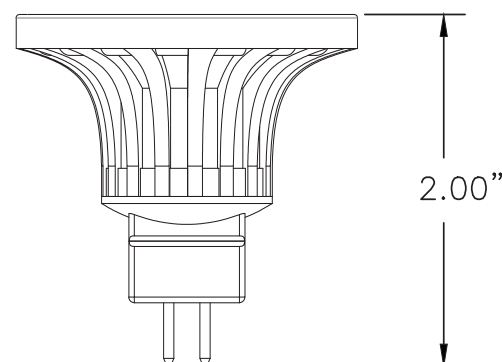
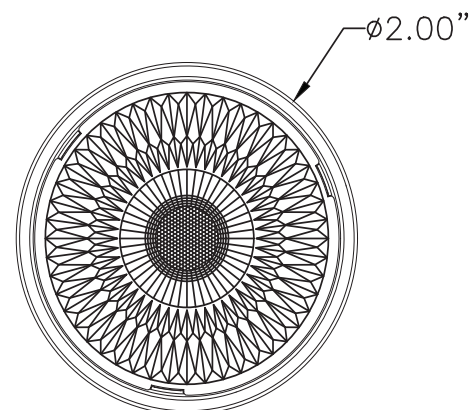
Base Type	GU5.3
Material	Ceramic + PC
Input Voltage	12V AC
Wattage	3.0
Volt-Amperes (VA)	3.35W
CRI	92
Brightness	227 lumens
Lumens/Watt	81
Life	36,000 hours
Color Temperature	2700K, 3000K
R9	53
R13	95
Halogen Equivalent	20W
Beam Angle	60 degrees

Available Models:

- EA-MR16-3.0W-60D-2790-D (2700K)
- EA-MR16-3.0W-60D-3090-D (3000K)

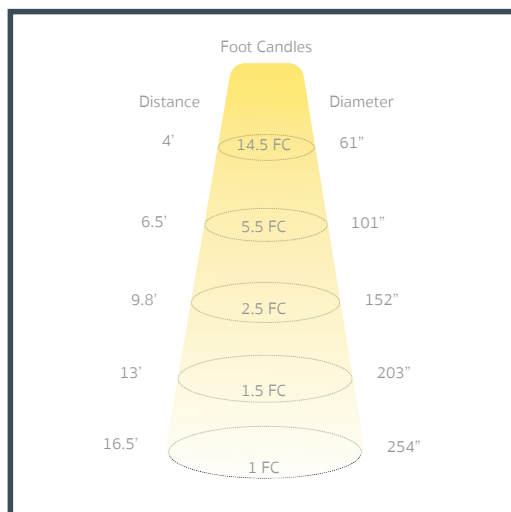
Dimming:

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

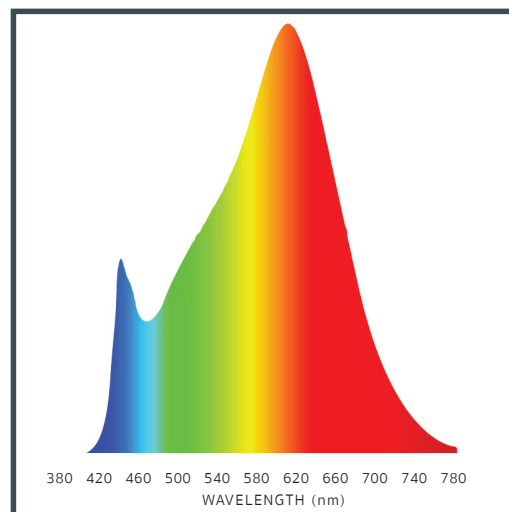


MR16 / GU5.3 / 3.0W / 60°

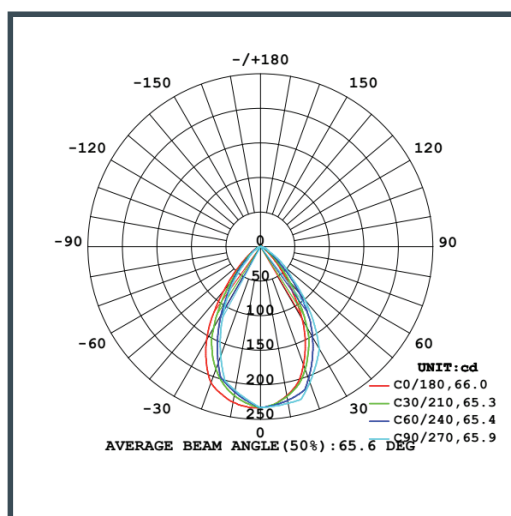
CANDELA DISTRIBUTION



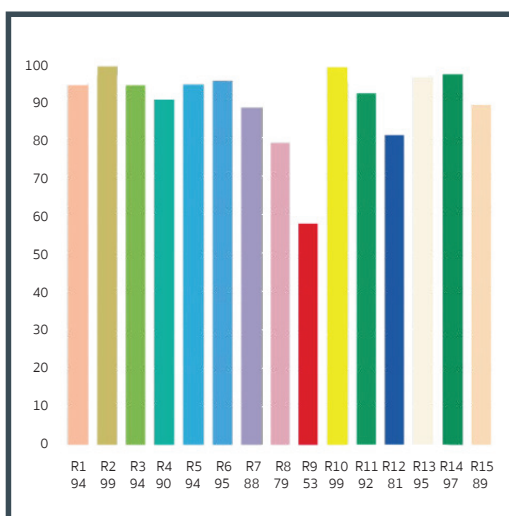
SPECTRAL DISTRIBUTION



LUMINOUS INTENSITY



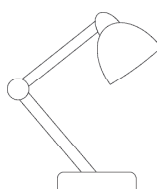
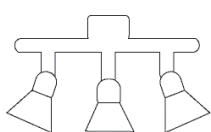
CRI VALUES R1-R15



APPLICATIONS

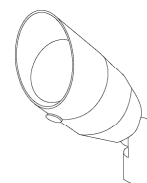
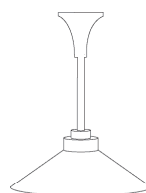
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TRACK LIGHTING



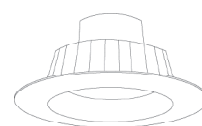
TASK LIGHTING

PENDANTS



LANDSCAPE LIGHTING

RECESSED LIGHTING



MR16 / GU5.3

3.0W - 120°

SPECIFICATIONS & TECHNICAL DATA

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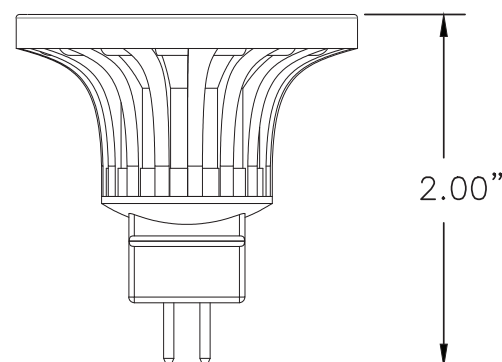
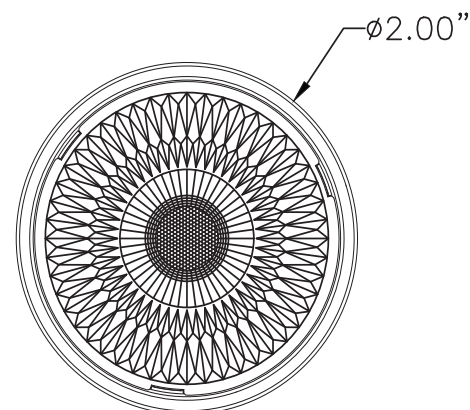
Base Type	GU5.3
Material	Ceramic + PC
Input Voltage	12V AC
Wattage	3.0
Volt-Amperes (VA)	3.39W
CRI	92
Brightness	318 lumens
Lumens/Watt	106
Life	36,000 hours
Color Temperature	2700K, 3000K
R9	53
R13	95
Halogen Equivalent	20W
Beam Angle	120 degrees

Available Models:

- EA-MR16-3.0W-120D-2790-D (2700K)
- EA-MR16-3.0W-120D-3090-D (3000K)

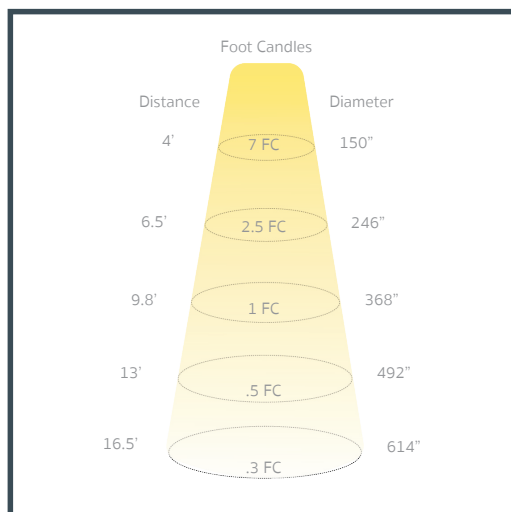
Dimming:

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

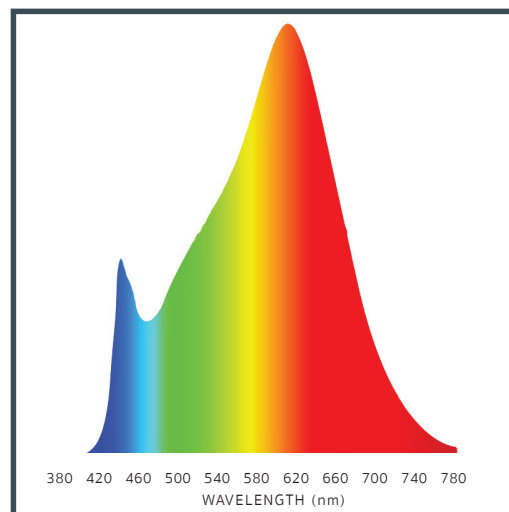


MR16 / GU5.3 / 3.0W / 120°

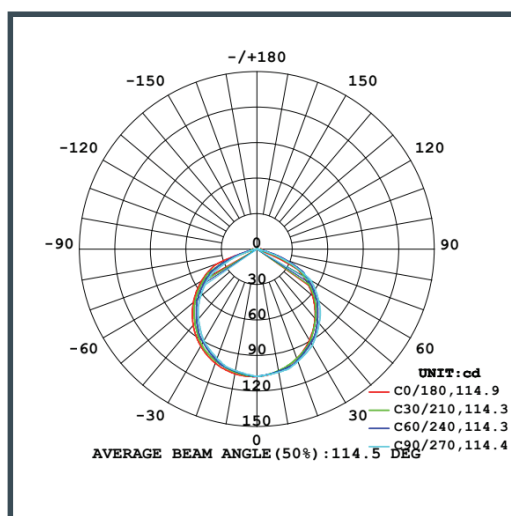
CANDELA DISTRIBUTION



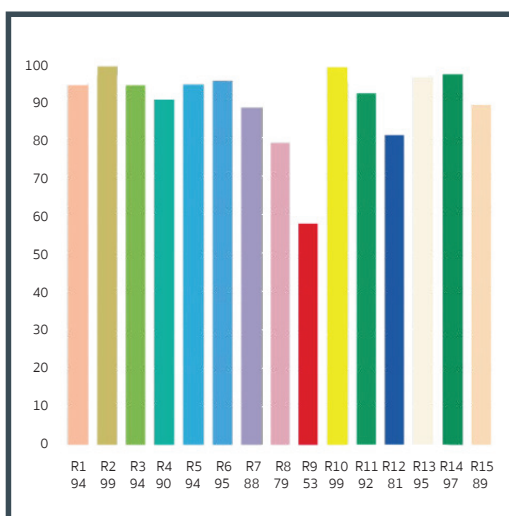
SPECTRAL DISTRIBUTION



LUMINOUS INTENSITY



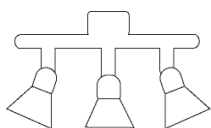
CRI VALUES R1-R15



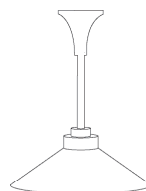
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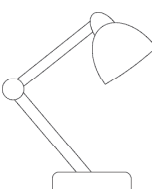
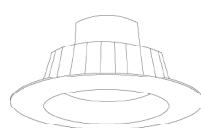
TRACK LIGHTING



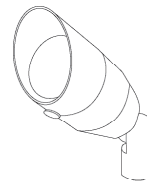
PENDANTS



RECESSED LIGHTING



TASK LIGHTING



LANDSCAPE LIGHTING