

# LED HALED™ MR16 Dimmable



### Features:

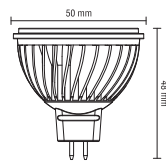
- 99% of halogen lighting effect
- CIVILIGHT patented HALED design
- Glare-free
- Ra95
- Switching power supply
- CE and RoHS compliant

### Cautions:

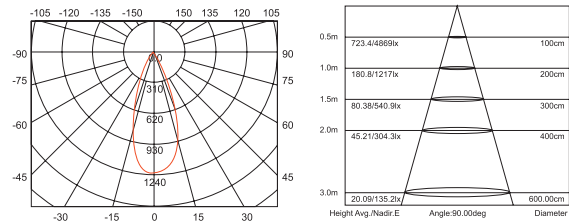
- Dimmable
- Power off before replacement
- Don't touch the lamp when lighting
- Don't use it in sealed fixture

Part No.	HALED™ DMR16 KP01P11	HALED™ DMR16 NP01P11	HALED™ DMR16 KP01P11	HALED™ DMR16 NP01P11
Watt (W)	11	11	11	11
Comparable Halogen Wattage (W)	50	50	50	50
CCT (K)	2700K *	4000K *	2700K *	4000K *
Luminous Flux (lm)	540	540	540	540
Luminous Intensity (cd)	2000	2000	1200	1200
Energy Efficiency Classes	A	A	A	A
Voltage (V)	ADC12V	ADC12V	ADC12V	ADC12V
CRI (Ra)	95	95	95	95
Dimmable	Yes	Yes	Yes	Yes
Socket	GU5.3	GU5.3	GU5.3	GU5.3
Beam Angle (deg)	24	24	36	36
Lifetime (hrs)	25,000	25,000	25,000	25,000
Weight (g)	50	50	50	50

Mechanical Drawing



Photometric Diagrams



LED Tube

LED Luminaire

LED Bulb

LED Spotlight

LED PAR Light

### Application:

- Home, villa and other residential buildings
- Hotels, restaurants, bars, cafes



Indoor



Bar



Hotel



Clothing store



Office



Restaurant

# LED HALED™ MR16 Dimmable



### Features:

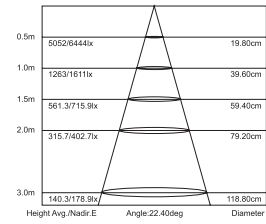
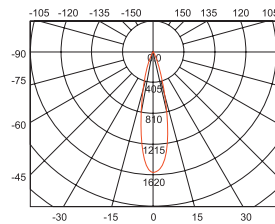
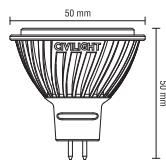
- 99% of halogen lighting effect
- CIVILIGHT patented HALED design
- Glare-free
- Ra95
- Titanium and white color available
- Switching power supply
- CE and RoHS compliant

### Cautions:

- Dimmable
- Power off before replacement
- Don't touch the lamp when lighting
- Don't use it in sealed fixture

Part No.	HALED™ DMR16 KP01P7	HALED™ DMR16 NP01P7	HALED™ DMR16 KP01P7	HALED™ DMR16 NP01P7
Watt (W)	7	7	7	7
Comparable Halogen Wattage (W)	35	35	35	35
CCT (K)	2700K *	4000K *	2700K *	4000K *
Luminous Flux (lm)	300	340	300	340
Luminous Intensity (cd)	1550	1750	850	1050
Energy Efficiency Classes	A	A	A	A
Voltage (V)	ADC12V	ADC12V	ADC12V	ADC12V
CRI (Ra)	95	95	95	95
Dimmable	Yes	Yes	Yes	Yes
Socket	GU5.3	GU5.3	GU5.3	GU5.3
Beam Angle (deg)	24	24	36	36
Lifetime (hrs)	25,000	25,000	25,000	25,000
Weight (g)	42	42	42	42

Mechanical Drawing



Photometric Diagrams

### Application:

- Home, villa and other residential buildings
- Hotels, restaurants, bars, cafes



LED Tube

LED Luminaire

LED Bulb

LED Spotlight

LED PAR Light

# LED HALED™ MR16



### Features:

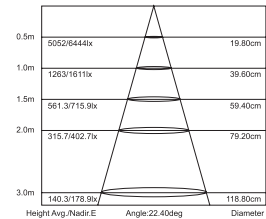
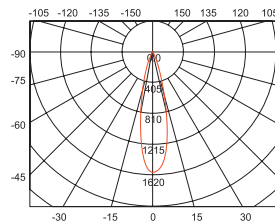
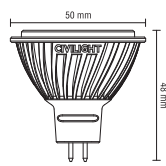
- 99% of halogen lighting effect
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- Glare-free
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- Titanium and white color available
- Switching power supply
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### Cautions:

- Non-dimmable
- Power off before replacement
- Don't touch the lamp when lighting
- Don't use it in sealed fixture

Part No.	HALED™ MR16 KP01P7	HALED™ MR16 NP01P7	HALED™ MR16 KP01P7	HALED™ MR16 NP01P7
Watt (W)	7	7	7	7
Comparable Halogen Wattage (W)	35	35	35	35
CCT (K)	2700K *	4000K *	2700K *	4000K *
Luminous Flux (lm)	300	340	300	340
Luminous Intensity (cd)	1550	1750	850	1050
Energy Efficiency Classes	A	A	A	A
Voltage (V)	ADC12V	ADC12V	ADC12V	ADC12V
CRI (Ra)	95	95	95	95
Dimmable	No	No	No	No
Socket	GU5.3	GU5.3	GU5.3	GU5.3
Beam Angle (deg)	24	24	36	36
Lifetime (hrs)	25,000	25,000	25,000	25,000
Weight (g)	42	42	42	42

Mechanical Drawing



Photometric Diagrams

### Application:

- Home, villa and other residential buildings
- Hotels, restaurants, bars, cafes



Indoor



Bar



Hotel



Clothing store



Office



Restaurant

LED Tube

LED Luminaire

LED Bulb

LED Spotlight

LED PAR Light

# LED HALED™ MR16



### Features:

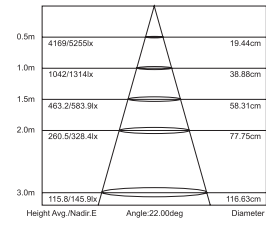
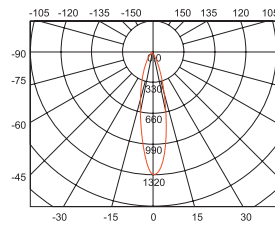
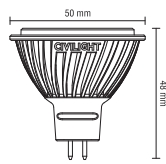
- 99% of halogen lighting effect
- CIVILIGHT patented HALED design
- Glare-free
- Ra95
- Titanium and white color available
- Switching power supply
- CE and RoHS compliant

### Cautions:

- Non-dimmable
- Power off before replacement
- Don't touch the lamp when lighting
- Don't use it in sealed fixture

Part No.	HALED™ MR16 KP01P5	HALED™ MR16 NP01P5	HALED™ MR16 KP01P5	HALED™ MR16 NP01P5
Watt (W)	5	5	5	5
Comparable Halogen Wattage (W)	20	20	20	20
CCT (K)	2700K *	4000K *	2700K *	4000K *
Luminous Flux (lm)	200	200	200	200
Luminous Intensity (cd)	1250	1250	850	850
Energy Efficiency Classes	A	A	A	A
Voltage (V)	ADC12V	ADC12V	ADC12V	ADC12V
CRI (Ra)	95	95	95	95
Dimmable	No	No	No	No
Socket	GU5.3	GU5.3	GU5.3	GU5.3
Beam Angle (deg)	24	24	36	36
Lifetime (hrs)	25,000	25,000	25,000	25,000
Weight (g)	42	42	42	42

Mechanical Drawing



Photometric Diagrams

### Application:

- Home, villa and other residential buildings
- Hotels, restaurants, bars, cafes



Indoor



Bar



Hotel



Clothing store



Office



Restaurant

LED Tube

LED Luminaire

LED Bulb

LED Spotlight

LED PAR Light

# LED MR16



### Features:

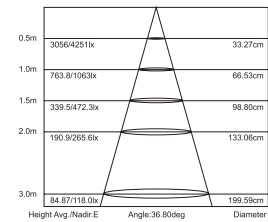
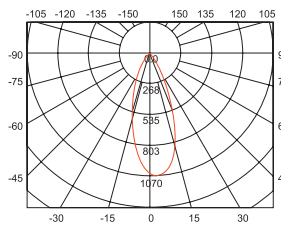
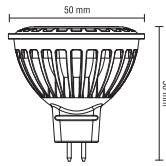
- Smart heat sink design
- 50W halogen lamp equivalent
- 85% energy saving
- Transparent rings, silver gray and white color available
- Switching power supply
- CE and RoHS compliant

### Cautions:

- Non-dimmable
- Power off before replacement
- Don't touch the lamp when lighting
- Don't use it in sealed fixture

Part No.	MR16 KP08P8	MR16 NP08P8	MR16 DP08P8
Watt (W)	8	8	8
Comparable Halogen Wattage (W)	50	50	50
CCT(K)	2700K *	4000K *	5000K *
Luminous Flux (lm)	550	550	550
Luminous Intensity (cd)	1100	1300	1450
Energy Efficiency Classes	A	A	A
Voltage (V)	ADC12V	ADC12V	ADC12V
CRI (Ra)	80	80	80
Dimmable	No	No	No
Socket	GU5.3	GU5.3	GU5.3
Beam Angle (°)	36	36	36
Lifetime (hrs)	25,000	25,000	25,000
Weight (g)	62	62	62

### Mechanical Drawing



### Photometric Diagrams

### Application:

- Home, villa and other residential buildings,
- Hotels, restaurants, bars, cafes,
- Office and Government buildings.



Indoor



Bar



Hotel



Clothing store



Office



Restaurant

LED Tube

LED luminaire

LED Bulb

LED Spotlight

LED PAR Light

# LED MR16



### Features:

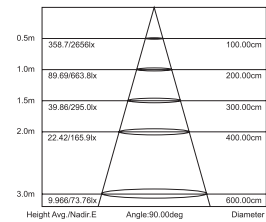
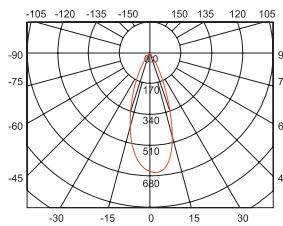
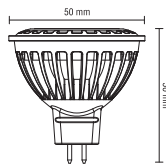
- Smart heat sink design
- 35W halogen lamp equivalent
- 85% energy saving
- Switching power supply
- CE and RoHS compliant

### Cautions:

- Non-dimmable
- Power off before replacement
- Don't touch the lamp when lighting
- Don't use it in sealed fixture

Part No.	MR16 WP04P5	MR16 NP04P5	MR16 WP04P5	MR16 NP04P5
Watt (W)	5	5	5	5
Comparable Halogen Wattage (W)	35	35	35	35
CCT(K)	2700K *	4000K *	2700K *	4000K *
Luminous Flux (lm)	300	300	300	300
Luminous Intensity (cd)	1150	1250	720	850
Energy Efficiency Classes	A	A	A	A
Voltage (V)	ADC12V	ADC12V	ADC12V	ADC12V
CRI (Ra)	80	80	80	80
Dimmable	No	No	No	No
Socket	GU5.3	GU5.3	GU5.3	GU5.3
Beam Angle (°)	24	24	36	36
Lifetime (hrs)	25,000	25,000	25,000	25,000
Weight (g)	58	58	58	58

Mechanical Drawing



Photometric Diagrams

### Application:

- Home, villa and other residential buildings,
- Hotels, restaurants, bars, cafes,
- Office and Government buildings.



# LED MR16



### Features:

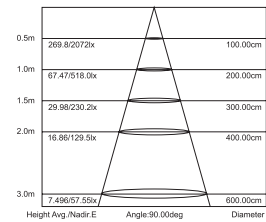
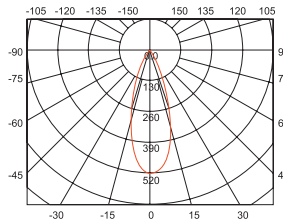
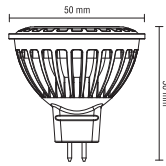
- Smart heat sink design
- 20W halogen lamp equivalent
- 85% energy saving
- Transparent rings, silver gray and white color available
- Switching power supply
- CE and RoHS compliant

### Cautions:

- Non-dimmable
- Power off before replacement
- Don't touch the lamp when lighting
- Don't use it in sealed fixture

Part No.	MR16 WP03P4	MR16 NP03P4	MR16 DP03P4
Watt (W)	3.5	3.5	3.5
Comparable Halogen Wattage (W)	20	20	20
CCT(K)	2700K *	4000K *	6000K *
Luminous Flux (lm)	200	200	220
Luminous Intensity (cd)	600	600	650
Energy Efficiency Classes	A+	A+	A+
Voltage (V)	ADC12V	ADC12V	ADC12V
CRI (Ra)	80	80	80
Dimmable	No	No	No
Socket	GU5.3	GU5.3	GU5.3
Beam Angle (°)	36	36	36
Lifetime (hrs)	25,000	25,000	25,000
Weight (g)	58	58	58

### Mechanical Drawing



### Photometric Diagrams

### Application:

- Home, villa and other residential buildings,
- Hotels, restaurants, bars, cafes,
- Office and Government buildings.



Indoor

Bar

Hotel

Clothing store

Office

Restaurant

# LED MR16



### Features:

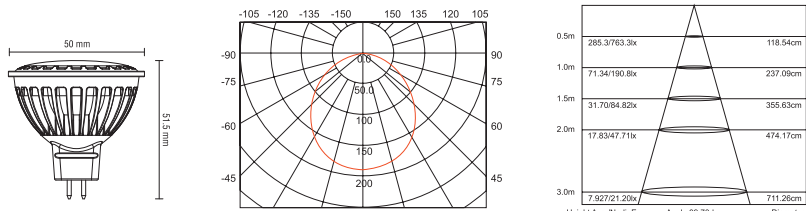
- Smart heat sink design
- 100° wide beam angle
- 50W halogen lamp equivalent
- 85% energy saving
- Switching power supply
- CE and RoHS compliant

### Cautions:

- Non-dimmable
- Power off before replacement
- Don't touch the lamp when lighting
- Don't use it in sealed fixture

Part No.	MR16 WF15P8	MR16 NF15P8	MR16 DF15P8
Watt (W)	8	8	8
Comparable Halogen Wattage (W)	50	50	50
CCT(K)	3000K	4000K	5300K
Luminous Flux (lm)	500	500	550
Luminous Intensity (cd)	200	200	230
Energy Efficiency Classes	A	A	A
Voltage (V)	ADC12V	ADC12V	ADC12V
CRI (Ra)	80	80	80
Dimmable	No	No	No
Socket	GU5.3	GU5.3	GU5.3
Beam Angle (°)	100	100	100
Lifetime (hrs)	25,000	25,000	25,000
Weight (g)	53	53	53

### Mechanical Drawing



### Photometric Diagrams

### Application:

- Home, villa and other residential buildings,
- Hotels, restaurants, bars, cafes,
- Office and Government buildings.

