

LED MODULE CATALOGUE

JUNE, 2018



MINH TUONG TECHNOLOGY (DISTRIBUTOR)

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LED MODULE

Deliver brightness without glare
Dark light Technology + Anti-glare

Various LED Module Power and Beam angle



Suitable for MR16 Lamp



LED MDE SERIES

Specifically designed for customer who are selling both MR16 and LED module. With lens reflector, easily for installing or replacing the beam angle

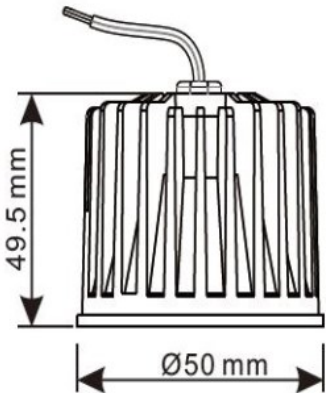
Many kind of mounting ring can fit architectural requirement. Downlight module has highly uniform light distribution will also be available



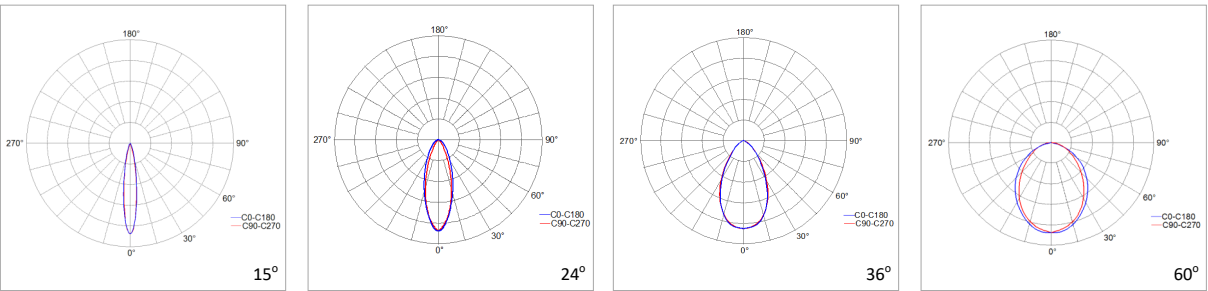
MD7E LED Module with Len



<3 SDCM	CRI >80	CRI >90	AC 100-240V 50/60 Hz	AC 100-240V 50/60 Hz	AC 100-120V 50/60 Hz	AC 100-240V 50/60 Hz
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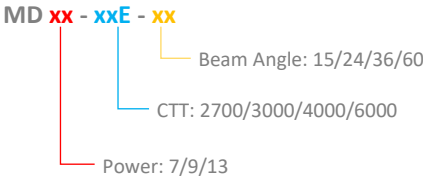
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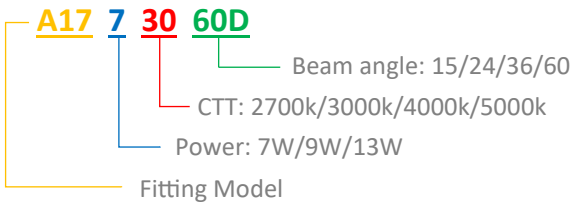
Electrical & Output Data

Product Code	MD7E Series
Power (W)	7
Power System (W)	9
Lumen (lm)	620
Efficacy (lm/W)	89
CRI/Ra	80/90
Beam Angle	15/24/36/60
CTT (K)	2700/3000/4000/6000
Life span (hours)	40.000
IP rate	40
Body Material	Aluminum
Standard Driver	Non-dimmable driver
Dimming Option	Triac dimmable driver 0~10V dimmable driver
Light Source Brand	Cree/Citizen
Reflector	Acrylic Len

Product code



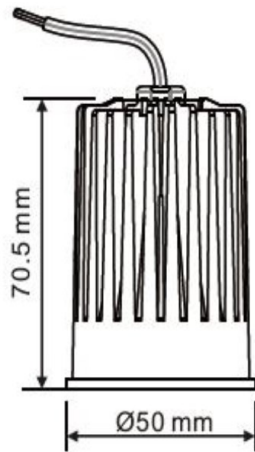
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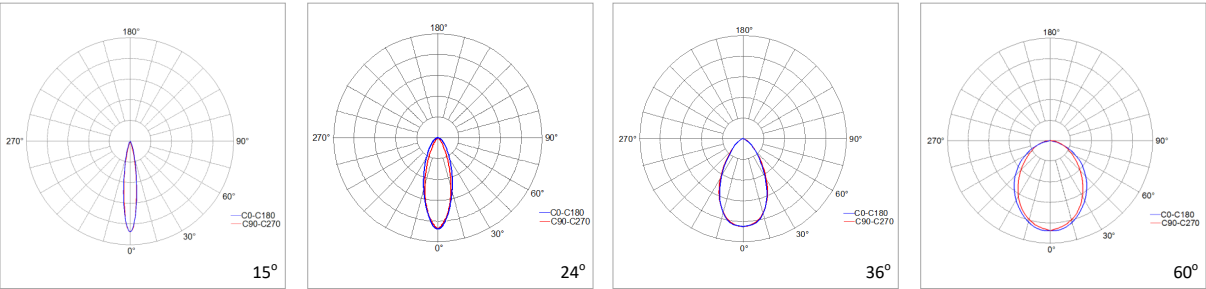
MD9E LED Module with Len



<3 SDCM	CRI >80	CRI >90	AC 100-240V 50/60 Hz	AC 200-240V 50/60 Hz	AC 100-120V 50/60 Hz	AC 200-240V 50/60 Hz
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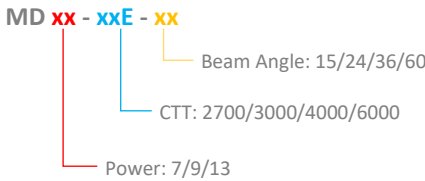
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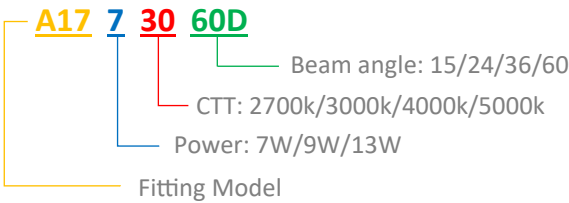
Electrical & Output Data

Product Code	MD9E Series
Power (W)	9
Power System (W)	11
Lumen (lm)	810
Efficacy (Lm/W)	90
CRI/Ra	80/90
Beam Angle	15/24/36/60
CTT (K)	2700/3000/4000/6000
Life span (hours)	40.000
IP rate	40
Body Material	Aluminum
Standard Driver	Non-dimmable driver
Dimming Option	Triac dimmable driver 0~10V dimmable driver
Light Source Brand	Cree/Citizen
Reflector	Acrylic Len

Product code



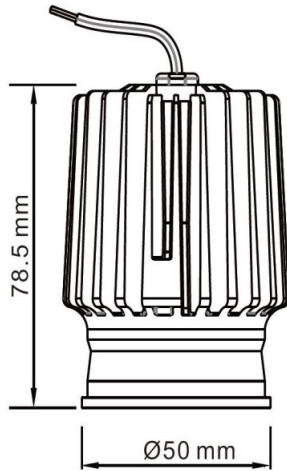
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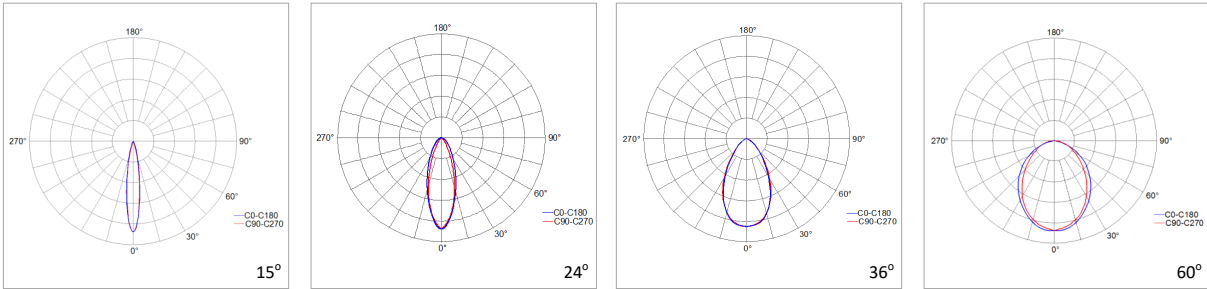
MD13E LED Module with Len



<3 SDCM	CRI >80	CRI >90	AC 100-240V 50/60 Hz	AC 200-240V 50/60 Hz	AC 100-120V 50/60 Hz	AC 200-240V 50/60 Hz
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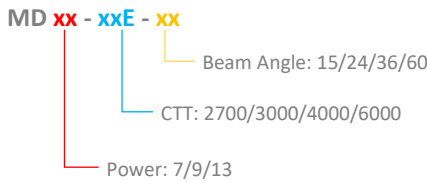
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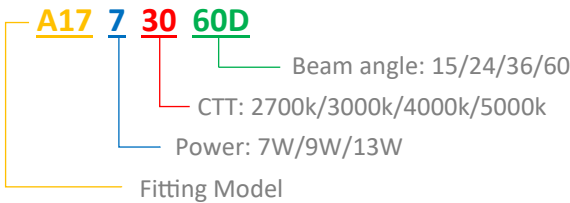
Electrical & Output Data

Product Code	MD13E Series
Power (W)	13
Power System (W)	15
Lumen (lm)	1170
Efficacy (Lm/W)	90
CRI/Ra	80/90
Beam Angle	15/24/36/60
CTT (K)	2700/3000/4000/6000
Life span (hours)	40.000
IP rate	40
Body Material	Aluminum
Standard Driver	Non-dimmable driver
Dimming Option	Triac dimmable driver 0~10V dimmable driver
Light Source Brand	Cree/Citizen
Reflector	Acrylic Len

Product code



Order code



LED MD SERIES

Specifically designed for customer who are selling both MR16 and LED module. With lens reflector, easily for installing or replacing the beam angle

Many kind of mounting ring can fit architectural requirement. Downlight module has highly uniform light distribution will also be available



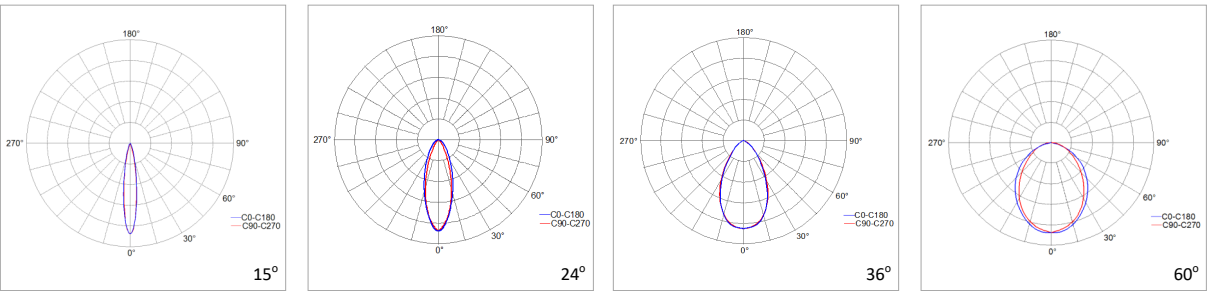
MD6 LED Module with Len



<3 SDCM	CRI >80	CRI >90	AC 100-240V 50/60 Hz	AC 200-240V 50/60 Hz	AC 100-120V 50/60 Hz	AC 200-240V 50/60 Hz
			Non-Dimmable	Dimmable 5%-100%	Dimmable 5%-100%	Dimmable 5%-100%



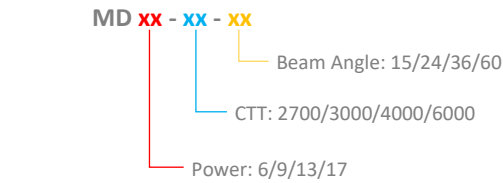
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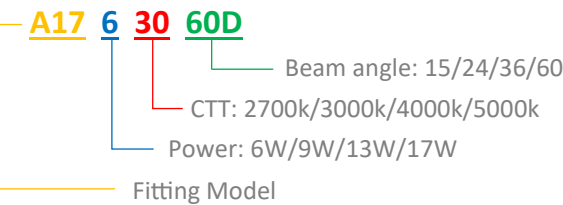
Electrical & Output Data

Product Code	MD6 Series
Power (W)	6
Power System (W)	7
Lumen (lm)	360
Efficacy (lm/W)	60
CRI/Ra	80/90
Beam Angle	15/24/36/60
CTT (K)	2700/3000/4000/6000
Life span (hours)	40.000
IP rate	40
Body Material	Aluminum
Standard Driver	Non-dimmable driver
Dimming Option	Triac dimmable driver 0~10V dimmable driver
Light Source Brand	Cree/Citizen
Reflector	Acrylic Len

Product code



Order code



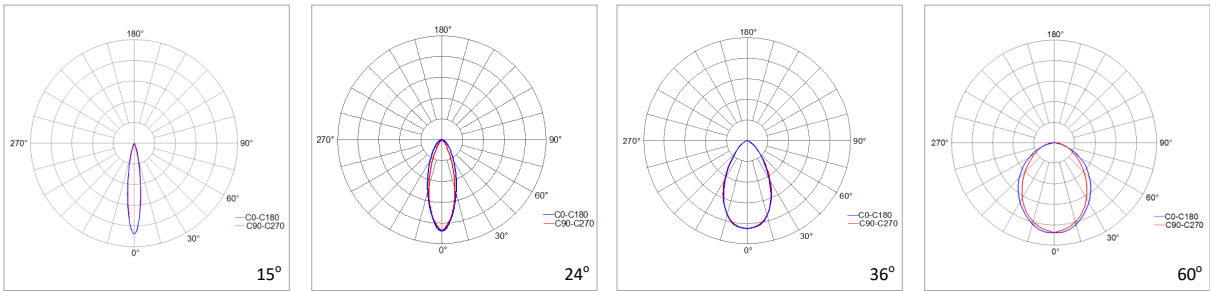
MD9 LED Module with Len



<3 SDCM	CRI >80	CRI >90	Non-Dimmable	AC 100-240V 50/60 Hz	AC 200-240V 50/60 Hz	Dimmable 5%-100%	AC 100-120V 50/60 Hz	AC 200-240V 50/60 Hz
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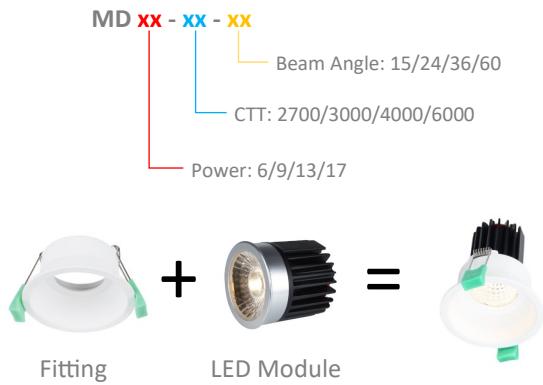
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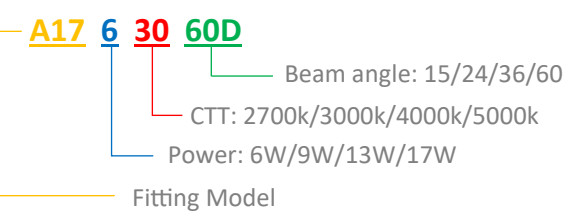
Electrical & Output Data

Product Code	MD9 Series
Power (W)	9
Power System (W)	10
Lumen (lm)	720
Efficacy (lm/W)	80
CRI/Ra	80/90
Beam Angle	15/24/36/60
CTT (K)	2700/3000/4000/6000
Life span (hours)	40.000
IP rate	40
Body Material	Aluminum
Standard Driver	Non-dimmable driver
Dimming Option	Triac dimmable driver 0~10V dimmable driver
Light Source Brand	Cree/Citizen
Reflector	Acrylic Len

Product code



Order code



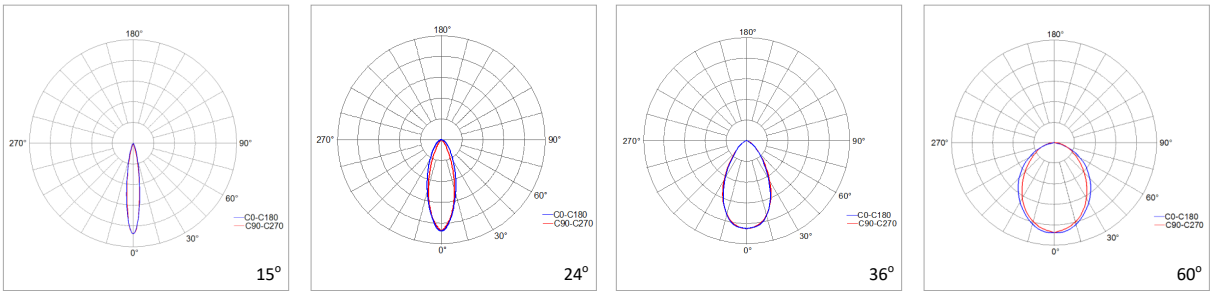
MD13 LED Module with Len



<3 SDCM	CRI >80	CRI >90	Non-Dimmable	AC 100-240V 50/60 Hz	AC 200-240V 50/60 Hz	Dimmable 5%-100%	AC 100-120V 50/60 Hz	AC 200-240V 50/60 Hz
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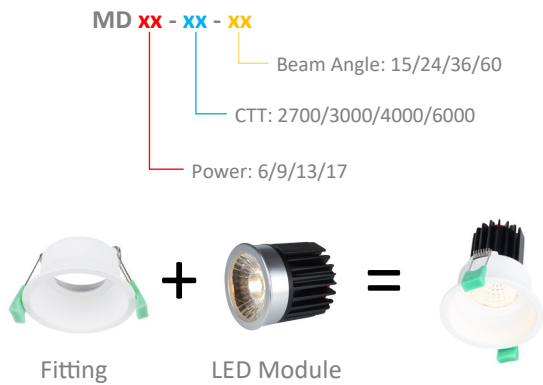
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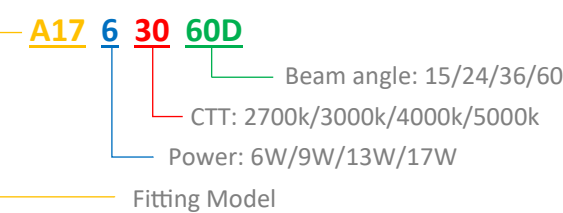
Electrical & Output Data

Product Code	MD13 Series
Power (W)	13
Power System (W)	14
Lumen (lm)	990
Efficacy (lm/W)	76
CRI/Ra	80/90
Beam Angle	15/24/36/60
CTT (K)	2700/3000/4000/6000
Life span (hours)	40.000
IP rate	40
Body Material	Aluminum
Standard Driver	Non-dimmable driver
Dimming Option	Triac dimmable driver 0~10V dimmable driver
Light Source Brand	Cree/Citizen
Reflector	Acrylic Len

Product code



Order code



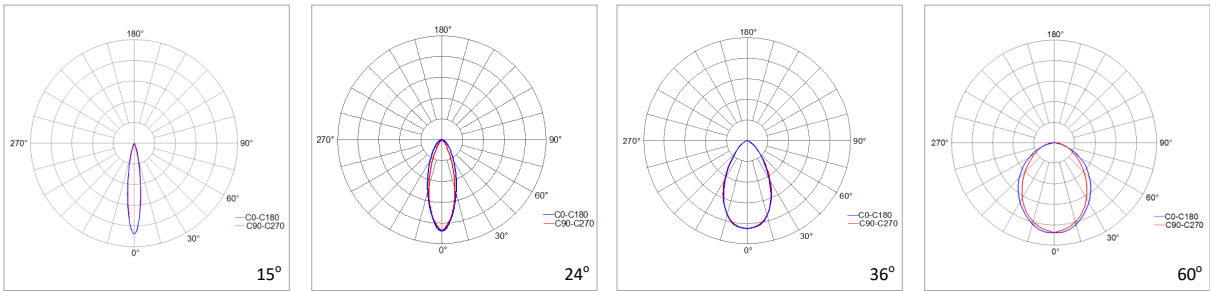
MD17 LED Module with Len



<3 SDCM	CRI >80	CRI >90	AC 100-240V 50/60 Hz	AC 200-240V 50/60 Hz	AC 100-120V 50/60 Hz	AC 200-240V 50/60 Hz
			Non-Dimmable		Dimmable 5%-100%	



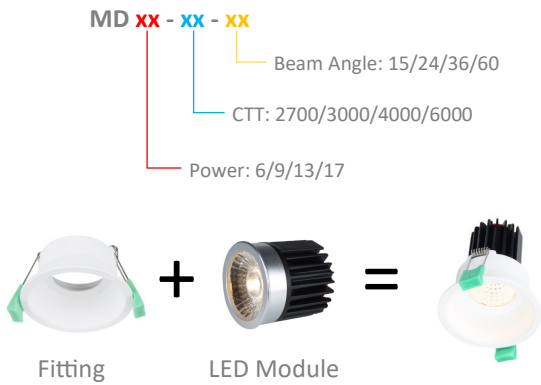
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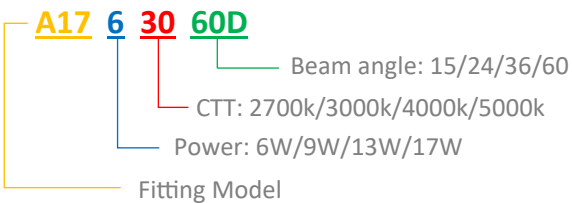
Electrical & Output Data

Product Code	MD17 Series
Power (W)	17
Power System (W)	18
Lumen (lm)	1520
Efficacy (Lm/W)	89
CRI/Ra	80/90
Beam Angle	15/24/36/60
CTT (K)	2700/3000/4000/6000
Life span (hours)	40.000
IP rate	40
Body Material	Aluminum
Standard Driver	Non-dimmable driver
Dimming Option	Triac dimmable driver 0~10V dimmable driver
Light Source Brand	Cree/Citizen
Reflector	Acrylic Len

Product code



Order code



LED MDS SERIES

Specifically designed for customer who are selling both MR16 and LED module. With lens reflector, easily for installing or replacing the beam angle

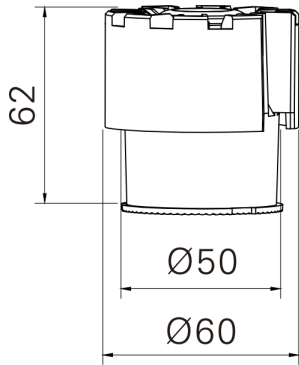
Many kind of mounting ring can fit architectural requirement. Downlight module has highly uniform light distribution will also be available



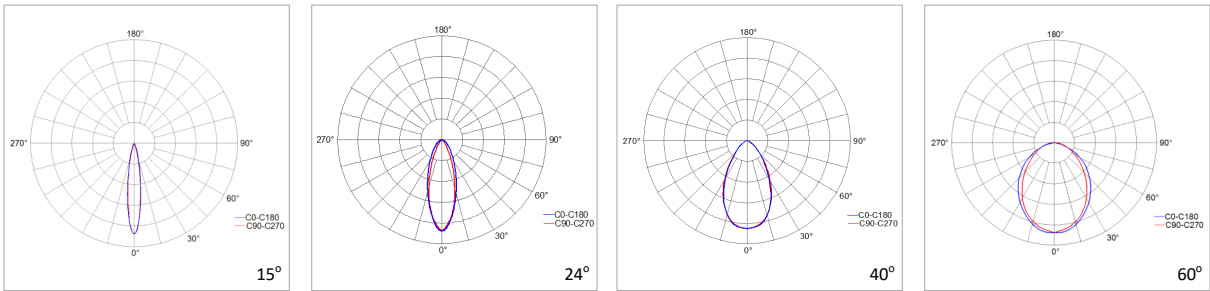
MD9 LED Module with Reflector



<3 SDCM	CRI >80	CRI >90	AC 100-240V 50/60 Hz	AC 200-240V 50/60 Hz	AC 100-120V 50/60 Hz	AC 200-240V 50/60 Hz
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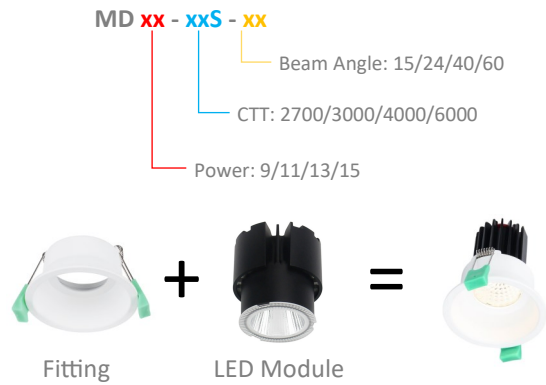
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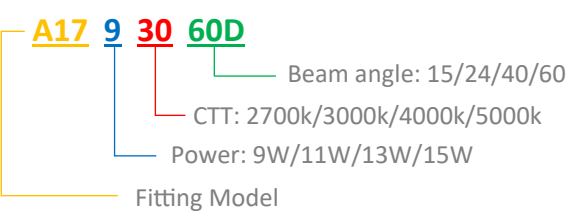
Electrical & Output Data

Product Code	MD9S Series
Power (W)	9
Power System (W)	9
Lumen (lm)	720
Efficacy (Lm/W)	80
CRI/Ra	80/90
Beam Angle	15/24/40/60
CTT (K)	2700/3000/4000/6000
Life span (hours)	40.000
IP rate	40
Body Material	Aluminum
Standard Driver	Non-dimmable driver
Dimming Option	Triac dimmable driver 0~10V dimmable driver
Light Source Brand	Cree/Citizen
Reflector	Acrylic Len

Product code



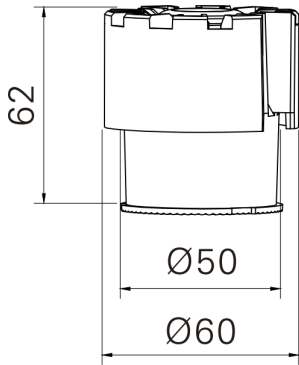
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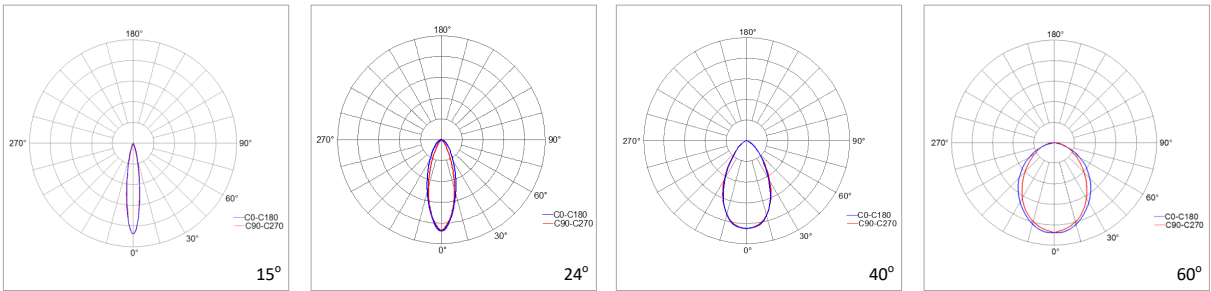
MD13 LED Module with Reflector



<3 SDCM	CRI >80	CRI >90	AC 100-240V 50/60 Hz	AC 200-240V 50/60 Hz	AC 100-120V 50/60 Hz	AC 200-240V 50/60 Hz
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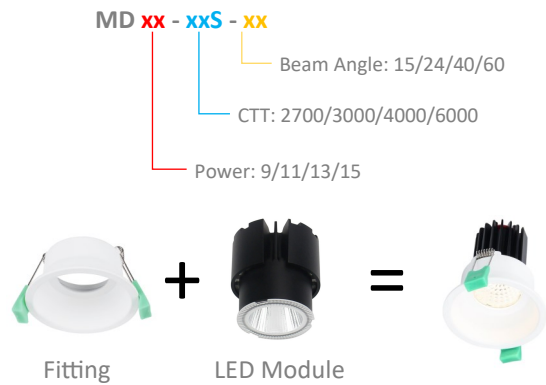
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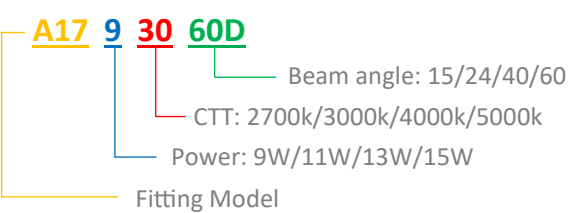
Electrical & Output Data

Product Code	MD11S Series
Power (W)	11
Power System (W)	11
Lumen (lm)	880
Efficacy (Lm/W)	80
CRI/Ra	80/90
Beam Angle	15/24/40/60
CTT (K)	2700/3000/4000/6000
Life span (hours)	40.000
IP rate	40
Body Material	Aluminum
Standard Driver	Non-dimmable driver
Dimming Option	Triac dimmable driver 0~10V dimmable driver
Light Source Brand	Cree/Citizen
Reflector	Acrylic Len

Product code



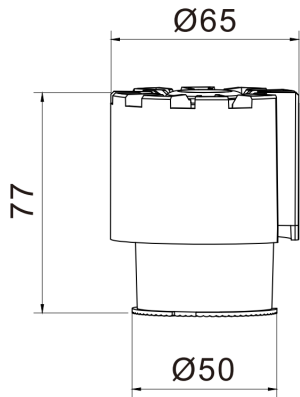
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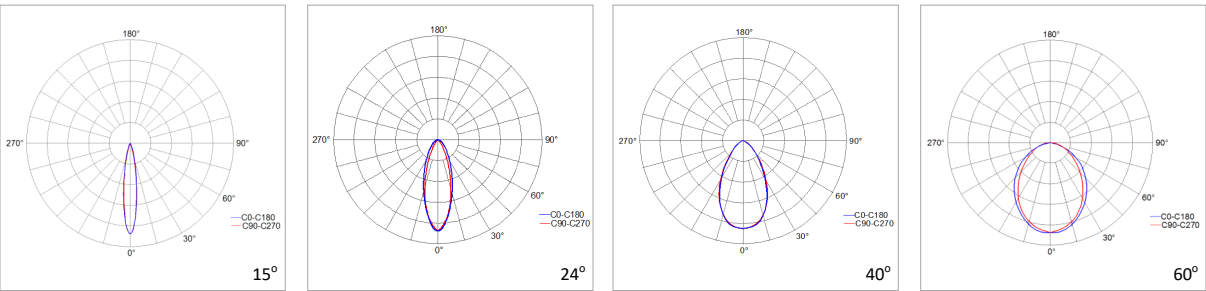
MD9 LED Module with Reflector



<3 SDCM	CRI >80	CRI >90	Non-Dimmable	AC 100-240V 50/60 Hz	AC 200-240V 50/60 Hz	Dimmable	AC 100-120V 50/60 Hz	AC 200-240V 50/60 Hz
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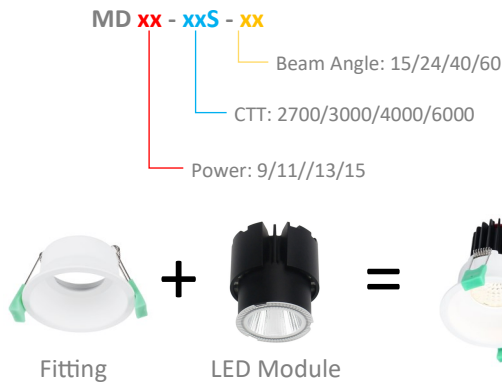
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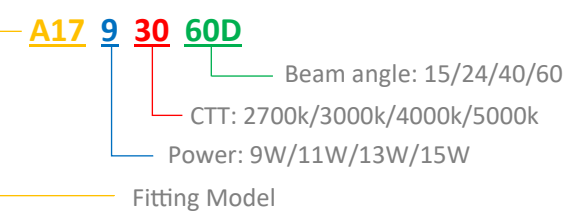
Electrical & Output Data

Product Code	MD9S Series
Power (W)	13
Power System (W)	13
Lumen (lm)	1040
Efficacy (Lm/W)	80
CRI/Ra	80/90
Beam Angle	15/24/40/60
CTT (K)	2700/3000/4000/6000
Life span (hours)	40.000
IP rate	40
Body Material	Aluminum
Standard Driver	Non-dimmable driver
Dimming Option	Triac dimmable driver 0~10V dimmable driver
Light Source Brand	Cree/Citizen
Reflector	Acrylic Len

Product code



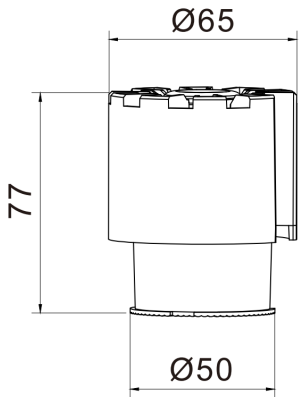
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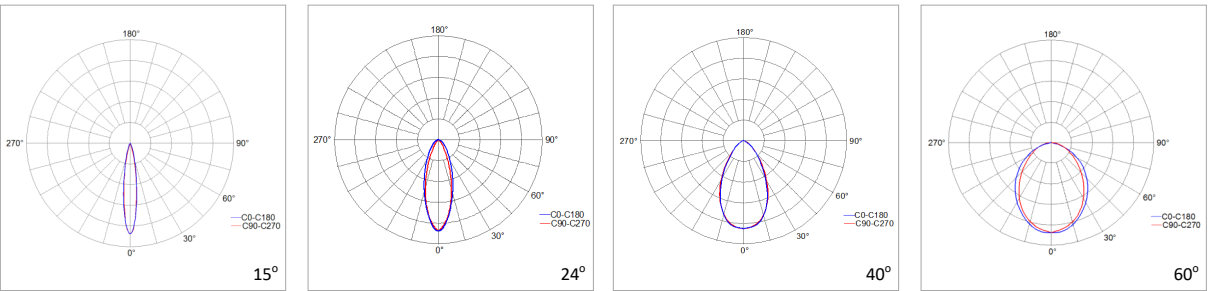
MD13 LED Module with Reflector



<3 SDCM	CRI >80	CRI >90	Non-Dimmable	AC 100-240V 50/60 Hz	AC 200-240V 50/60 Hz	Dimmable	AC 100-120V 50/60 Hz	AC 200-240V 50/60 Hz
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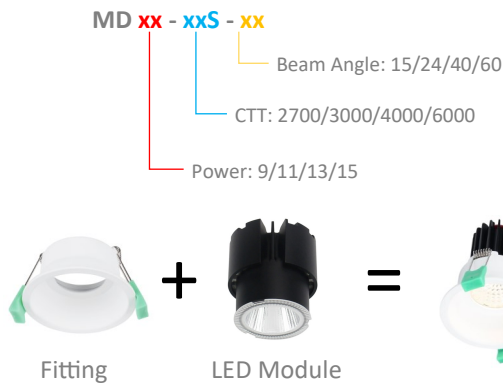
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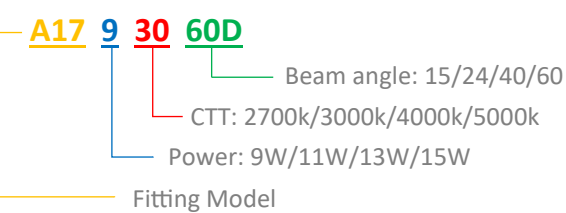
Electrical & Output Data

Product Code	MD11S Series
Power (W)	15
Power System (W)	15
Lumen (lm)	1200
Efficacy (Lm/W)	80
CRI/Ra	80/90
Beam Angle	15/24/40/60
CTT (K)	2700/3000/4000/6000
Life span (hours)	40.000
IP rate	40
Body Material	Aluminum
Standard Driver	Non-dimmable driver
Dimming Option	Triac dimmable driver 0~10V dimmable driver
Light Source Brand	Cree/Citizen
Reflector	Acrylic Len

Product code



Order code



LED MDE SERIES

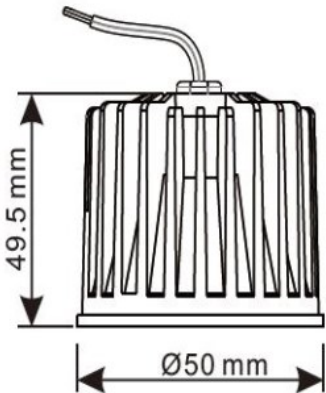
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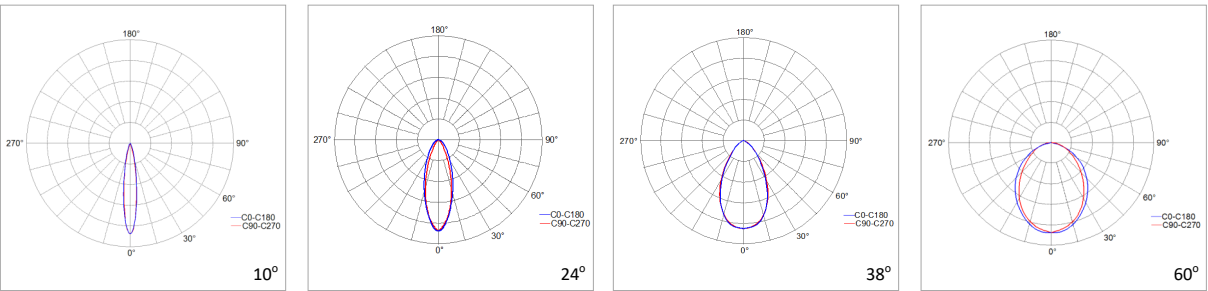
MD7E LED Module with Reflector



<3 SDCM	CRI >80	CRI >90	AC 100-240V 50/60 Hz	AC 100-240V 50/60 Hz	AC 100-120V 50/60 Hz	AC 100-240V 50/60 Hz
			Non-Dimmable	Dimmable 5%-100%	Dimmable 5%-100%	Dimmable 5%-100%



Photometric



Electrical & Output Data

Product Code	MD7E Series
Power (W)	7
Power System (W)	9
Lumen (lm)	620
Efficacy (lm/W)	89
CRI/Ra	80/90
Beam Angle	10/24/38/60
CTT (K)	2700/3000/4000/6000
Life span (hours)	40.000
IP rate	40
Body Material	Aluminum
Standard Driver	Non-dimmable driver
Dimming Option	Triac dimmable driver 0~10V dimmable driver
Light Source Brand	Cree/Citizen
Reflector	Acrylic Len

Product code

MD **xx** - **xxE** - **xxR**
Beam Angle: 10/24/38/60
CTT: 2700/3000/4000/6000
Power: 7/9/13/18



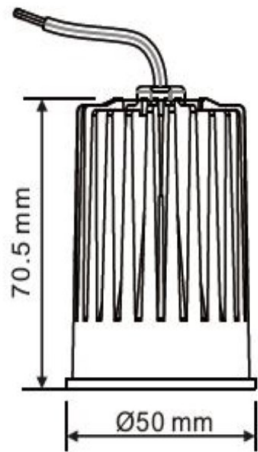
Order code

A17 **7** **30** **60D**
Beam angle: 10/24/38/60
CTT: 2700k/3000k/4000k/5000k
Power: 7W/9W/13W
Fitting Model

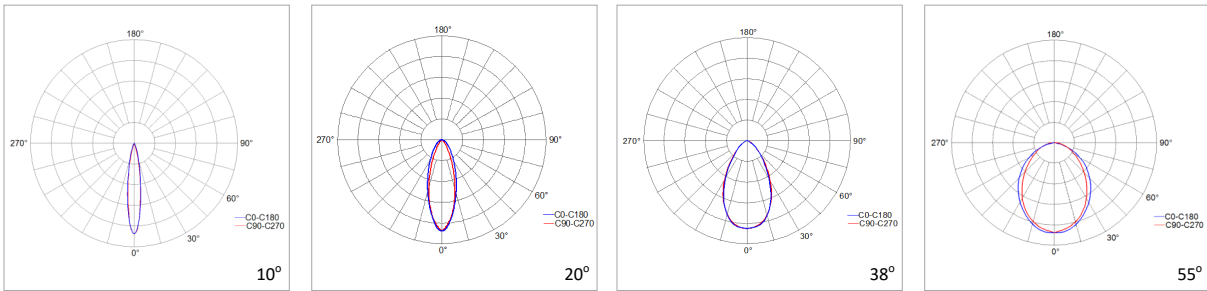
MD9E LED Module with Reflector



<3 SDCM	CRI >80	CRI >90	AC 100-240V 50/60 Hz	AC 200-240V 50/60 Hz	AC 100-120V 50/60 Hz	AC 200-240V 50/60 Hz
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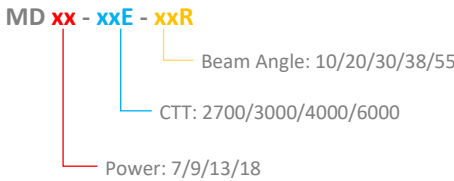
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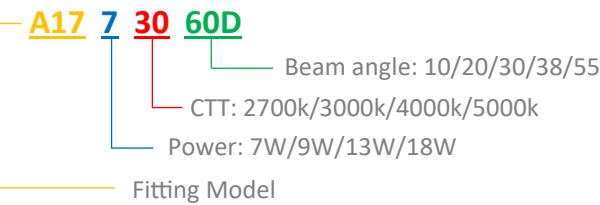
Electrical & Output Data

Product Code	MD9E Series
Power (W)	9
Power System (W)	11
Lumen (lm)	810
Efficacy (lm/W)	90
CRI/Ra	80/90
Beam Angle	10/20/30/38/55
CTT (K)	2700/3000/4000/6000
Life span (hours)	40.000
IP rate	40
Body Material	Aluminum
Standard Driver	Non-dimmable driver
Dimming Option	Triac dimmable driver 0~10V dimmable driver
Light Source Brand	Cree/Citizen
Reflector	Acrylic Len

Product code



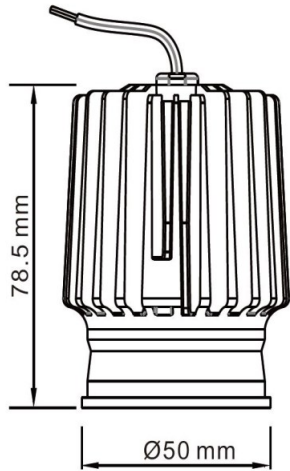
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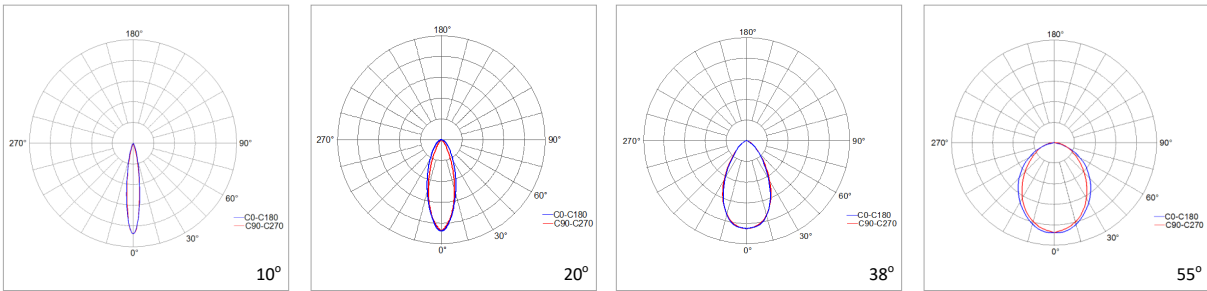
MD13E LED Module with Reflector



<3 SDCM	CRI >80	CRI >90	AC 100-240V 50/60 Hz	AC 200-240V 50/60 Hz	AC 100-120V 50/60 Hz	AC 200-240V 50/60 Hz
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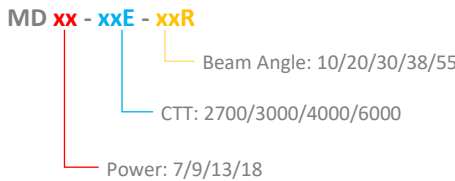
Photometric



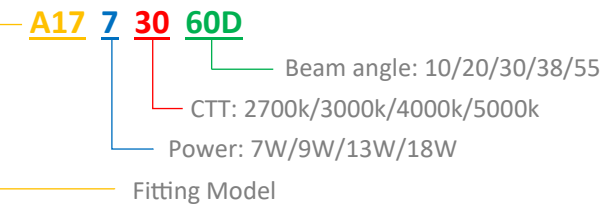
Electrical & Output Data

Product Code	MD13E Series
Power (W)	13
Power System (W)	15
Lumen (lm)	1170
Efficacy (lm/W)	90
CRI/Ra	80/90
Beam Angle	10/20/30/38/55
CTT (K)	2700/3000/4000/6000
Life span (hours)	40.000
IP rate	40
Body Material	Aluminum
Standard Driver	Non-dimmable driver
Dimming Option	Triac dimmable driver 0~10V dimmable driver
Light Source Brand	Cree/Citizen
Reflector	Acrylic Len

Product code



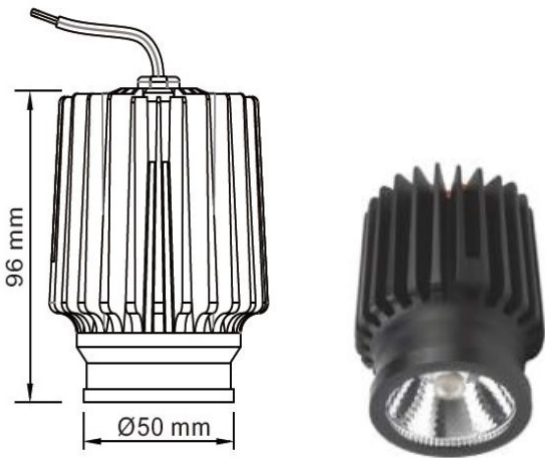
Order code



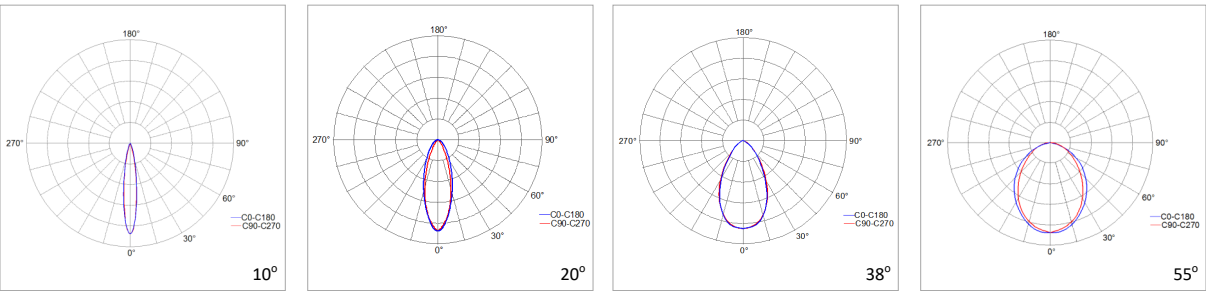
MD18E LED Module with Reflector



<3 SDCM	CRI >80	CRI >90	AC 100-240V 50/60 Hz	AC 200-240V 50/60 Hz	AC 100-120V 50/60 Hz	AC 200-240V 50/60 Hz
			Non-Dimmable	Dimmable 5%-100%	Dimmable 5%-100%	Dimmable 5%-100%



Photometric



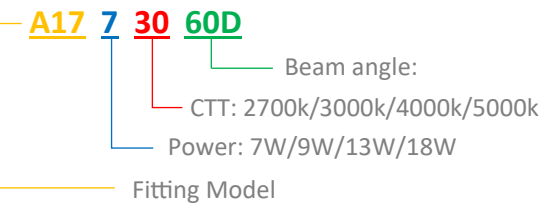
Electrical & Output Data

Product Code	MD18E Series
Power (W)	18
Power System (W)	20
Lumen (lm)	1620
Efficacy (Lm/W)	90
CRI/Ra	80/90
Beam Angle	10/20/30/38/55
CTT (K)	2700/3000/4000/6000
Life span (hours)	40.000
IP rate	40
Body Material	Aluminum
Standard Driver	Non-dimmable driver
Dimming Option	Triac dimmable driver 0~10V dimmable driver
Light Source Brand	Cree/Citizen
Reflector	Acrylic Len

Product code



Order code



LED MOUNTING RING

Specifically designed for customer who are selling both MR16 and LED module, offer more than 22 different kinds of Lighting designer-level fixtures which can eliminate unnecessary and undesirable light that would otherwise cause glare and flicker, further to enhance competitiveness of their spot lights

Thanks to a light distribution design that minimizes the amount of light striking the reflector and a sophisticated glare-less reflector, the fixture blends into the surrounding architectural space instead of calling attention to itself. You will not see any light on the reflector even if the light is on








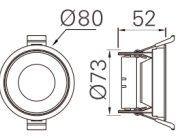
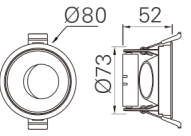
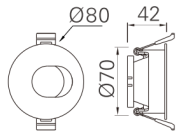
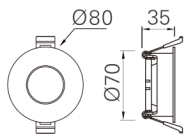
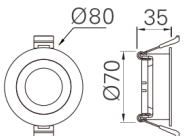
DARK LIGHT TECHNOLOGY




NORMAL TECHNOLOGY

LED MOUNTING RING

SPECIFICATION



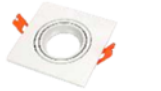


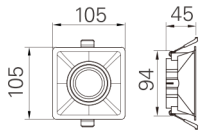
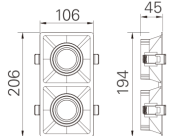
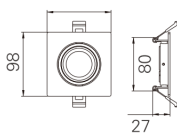
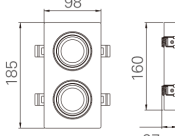
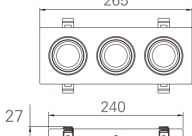
Item code	SW11	SW12	SW14	SW15	SW16
Image					
Size					
Cut hole	D75mm	D75mm	D70mm	D70mm	D70mm
Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Adjustable	15°	15°	30°	Fixed	Fixed
Cut-off Angle	40°	47°	38°	43°	30°
Tiltable	4-side	2-side	2-side	Fixed	Fixed






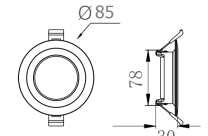
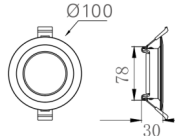
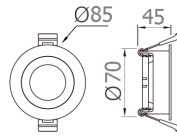
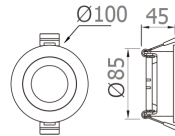
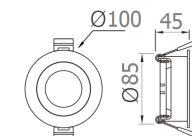
Item code	SW10	SW27	SW24	SW23	SW25
Image					
Size					
Cut hole	D70mm	D90mm	D85mm	D80mm	D85mm
Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Adjustable	20°	10°x25°	10°x30°	30°	15°x30°
Cut-off Angle	14°	32°	14°	14°	21°
Tiltable	2-side	4-side	4-side	2-side	4-side

All the standard Mounting Ring is white finishing.
For another color finishing. The MOQ is 100 pcs

LED MOUNTING RING

SPECIFICATION




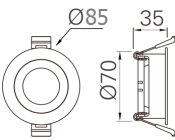
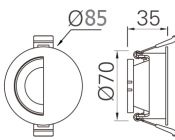
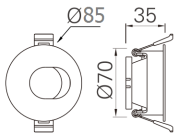
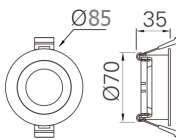
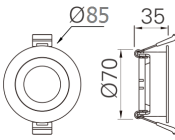
Item code	SW91	SW92	SW41	SW42	SW43
Image					
Size					
Cut hole	95x95mm	195x95mm	80x80mm	160x80mm	240x80mm
Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Adjustable	10°x25°	10°x25°	15°x30°	15°x30°	15°x30°
Cut-off Angle	30°	30°	15°	15°	15°
Tiltable	4-side	4-side	4-side	4-side	4-side






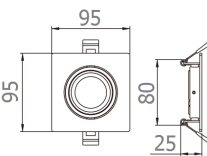
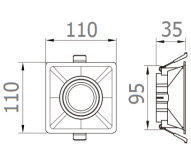
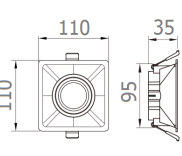
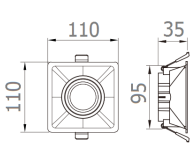
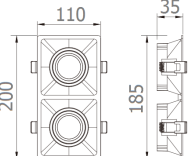
Item code	C17	C19	A17	A19	D19
Image					
Size					
Cut hole	D75mm	D90mm	D75mm	D90mm	D90mm
Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Adjustable	15°	15°	Fixed	Fixed	15°
Cut-off Angle	15°	15°	24°	30°	30°
Tiltable	2-side	2-side	Fixed	Fixed	2-side

All the standard Mounting Ring is white finishing.
For another color finishing. The MOQ is 100 pcs

LED MOUNTING RING

SPECIFICATION






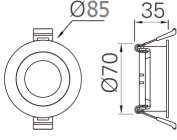
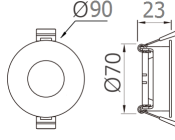
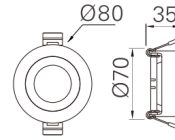
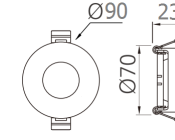
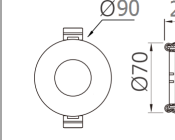
Item code	H01	H02	H03	H04	H54
Image					
Size					
Cut hole	D75mm	D75mm	D75mm	D75mm	D75mm
Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Adjustable	Fixed	Fixed	Fixed	Fixed	Fixed
Cut-off Angle	30°	30°	30°	30°	30°
Tiltable	Fixed	Fixed	Fixed	Fixed	Fixed




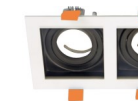

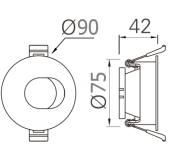
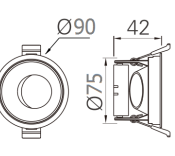
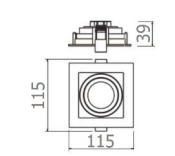
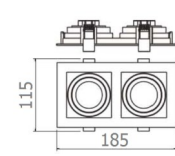
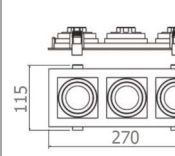
Item code	C27	D29	A29	G19	G29
Image					
Size					
Cut hole	D75mm	D95mm	D95mm	D100mm	D190x100mm
Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Adjustable	15°	15°	Fixed	15°	15°
Cut-off Angle	15°	24°	41°	15°	15°
Tiltable	2-side	2-side	Fixed	2-side	2-side

All the standard Mounting Ring is white finishing.
For another color finishing. The MOQ is 100 pcs

LED MOUNTING RING

SPECIFICATION

Item code	Q17	E19	A16	K19	K54
Image					
Size					
Cut hole	D75mm	D75mm	D70mm	D75mm	D75mm
Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Adjustable	Fixed	Fixed	Fixed	Fixed	Fixed
Cut-off Angle	30°	10°	30°	10°	10°
Tiltable	Fixed	Fixed	Fixed	Fixed	Fixed

Item code	E03	E04	V19	V29	V39
Image					
Size					
Cut hole	D80mm	D80mm	D90mm	D170x90mm	D260x90mm
Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Adjustable	15°	15°	15°	15°	15°
Cut-off Angle	30°	30°	24°	24°	24°
Tiltable	2-side	2-side	2-side	2-side	2-side

All the standard Mounting Ring is white finishing.
For another color finishing. The MOQ is 100 pcs