

Dimming Function

MC031V



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MC052V RF/MW04



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MC042P

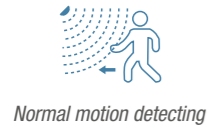
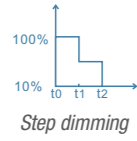


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Dimming
Function

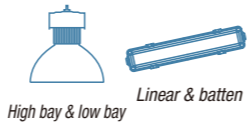
Dimming
Function



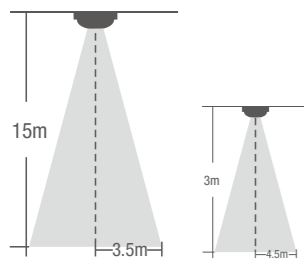
MC031V IP65 Microwave Motion Sensor for Warehouse



SAA CE IP65



Detection Pattern (max / min)



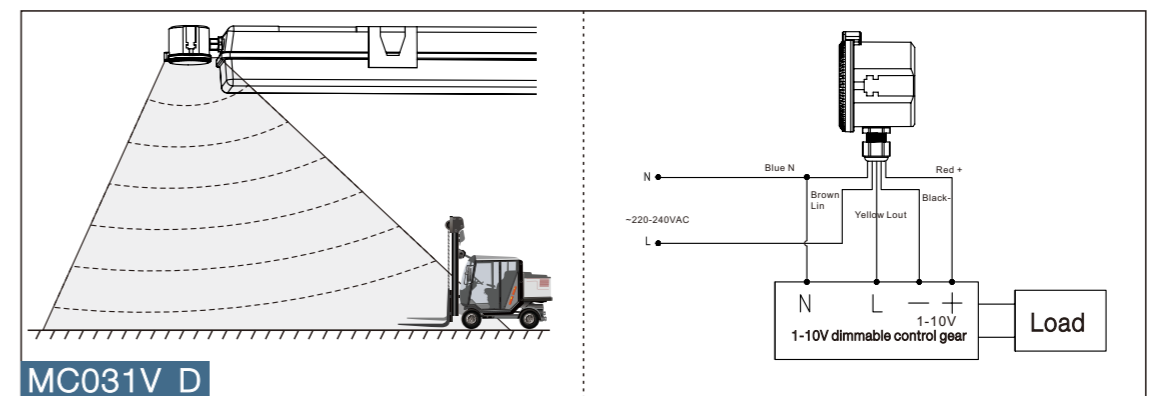
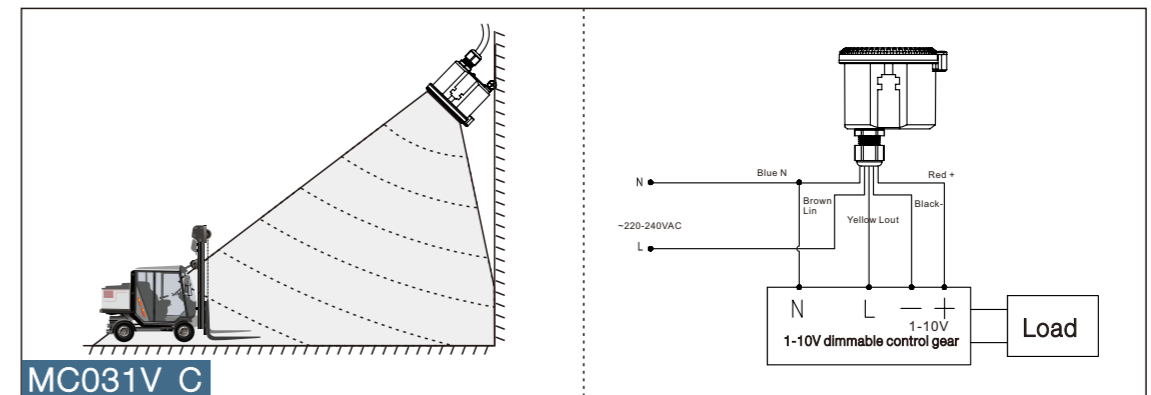
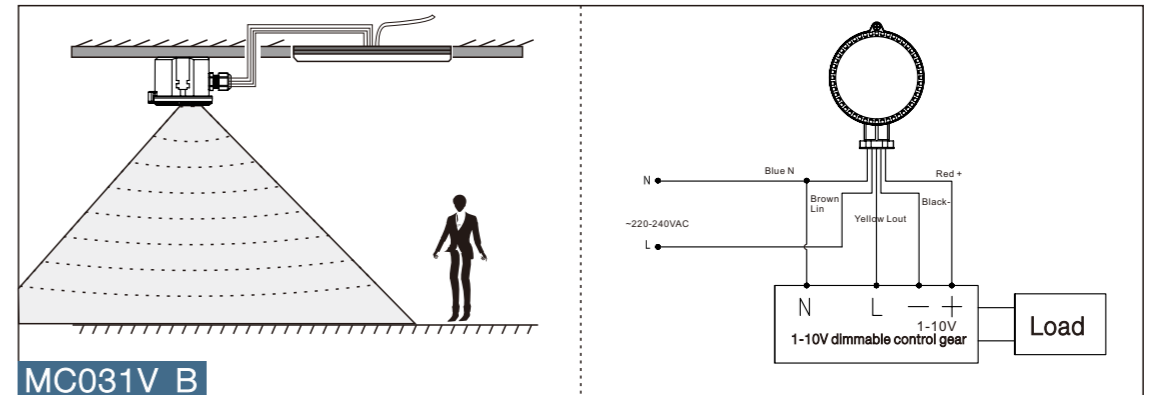
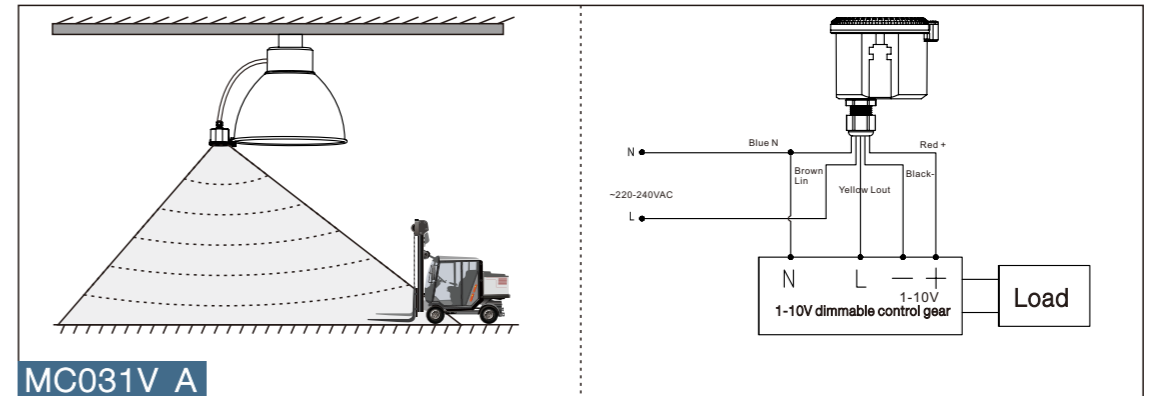
Detection area*

100%	3.5m	4.5m
50%	2m	3m

*These data were tested by a 165cm height person and his walking speed is 1m/s.

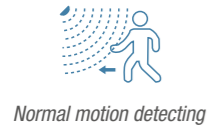
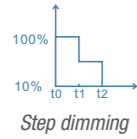
SPECIFICATIONS

Operating voltage	220~240Vac
Rated Load	800W(Inductive), 1200W (Resistive)
HF system	5.8GHz±75MHz, ISM wave band
Transmitting power	<0.5mW
Power consumption	≤ 1W(stand-by)
Detection Area(Radius)	8m Max.
Max. Mounting height	15m
Hold time	5s/30s/90s/3min/20min/30min
Stand-by Period	5s/5min/10min/30min/60min/+∞
Stand-by DIM Level	10%/20%/30%/50%
Daylight sensor	50lux/100lux/200lux/disable
Operating temperature	-35℃ ~55℃
IP rating	IP65

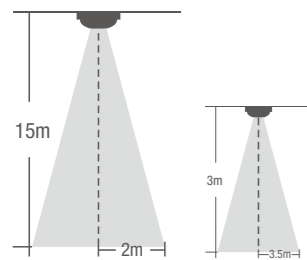


Dimming
Function

Dimming
Function



Detection Pattern (max / min)

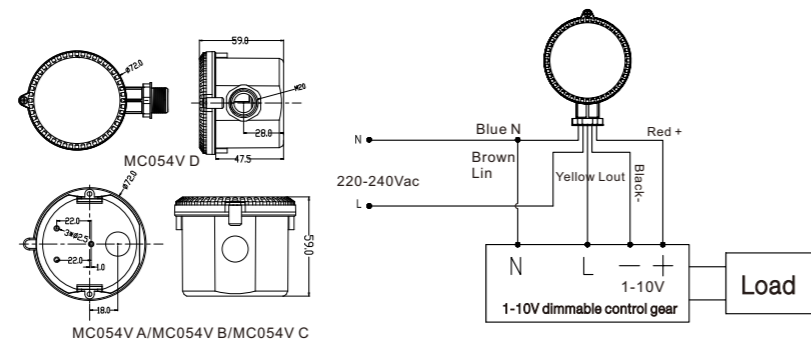


Detection area*

100%	2m	3.5m
50%	1m	2m

*These data were tested by a 165cm height person and his walking speed is 1m/s.

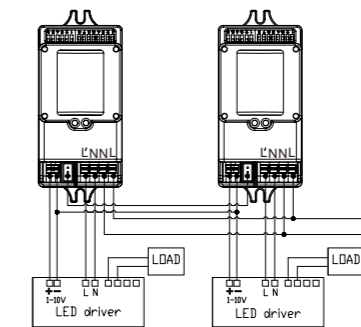
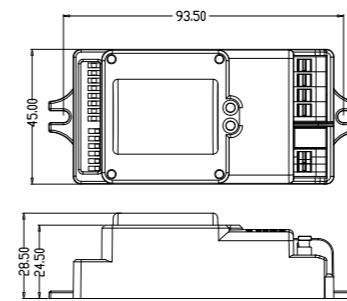
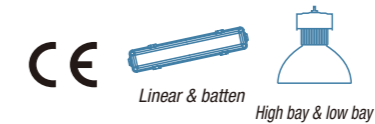
MC054V RC Dimming Function / Remote Control Microwave Sensor



SPECIFICATIONS

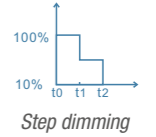
Operating voltage	220~240Vac
Rated Load	800W(Inductive), 1000W (Resistive)
HF system	5.8GHz±75MHz, ISM wave band
Transmitting power	<0.5mW
Power consumption	<1W(stand-by)
Detection Area(Radius)	8m Max.
Max. Mounting height	15m
Hold time	Sensor:5s/30s/1min/3min/20min/30min Remote control: 5s/30s/1min/3min/5min/10min/20min/30min
Stand-by Period	Sensor:0s/1min/3min/10min/30min/+∞ Remote control: 0s/10s/1min/3min/5min/10min/30min/+∞
Stand-by DIM Level	Sensor:10%/20%/30%/50%
Daylight sensor	5lux/15lux/30lux/50lux/100lux/150lux/Disable
Operating temperature	-35°C ~ 55°C
IP rating	IP65

MC049V Dimming Function / Enhanced detection zone

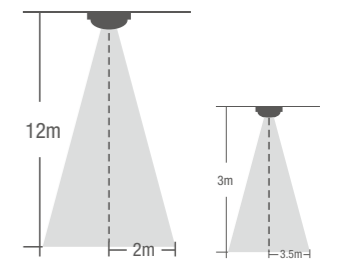


SPECIFICATIONS

Operating voltage	220~240Vac
Rated Load	800W(Inductive), 1200W (Resistive)
HF system	5.8GHz±75MHz, ISM wave band
Transmitting power	<0.5mW
Power consumption	≤0.5W(stand-by)
Detection Area(Radius)	8m Max.
Max. Mounting height	12m
Hold time	5s/30s/90s/3min/20min/+∞
Stand-by Period	0s/5s/5min/10min/30min/1h/+∞
Stand-by DIM Level	10%/20%/30%/50%
Daylight sensor	2lux/5lux/10lux/25lux/50lux/100lux/Disable
Operating temperature	-35°C ~ 70°C
IP rating	IP20



Detection Pattern (max / min)



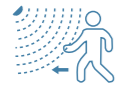
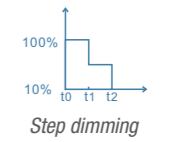
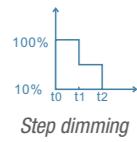
Detection area*

100%	2m	3.5m
75%	1m	2m
50%	0.5m	1.5m
10%	0m	0.5m

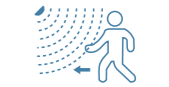
*These data were tested by a 165cm height person and his walking speed is 1m/s.

Dimming
Function

Dimming
Function



Normal motion detecting



Normal motion detecting



Daylight threshold



Daylight threshold



5 Year Guarantee



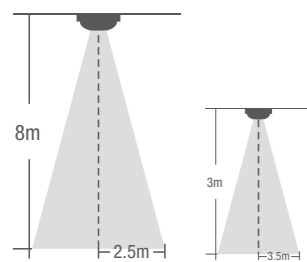
5 Year Guarantee

MC003V Dimming Function / Standard Version

MC003V 2 Dimming Function / Economical Version



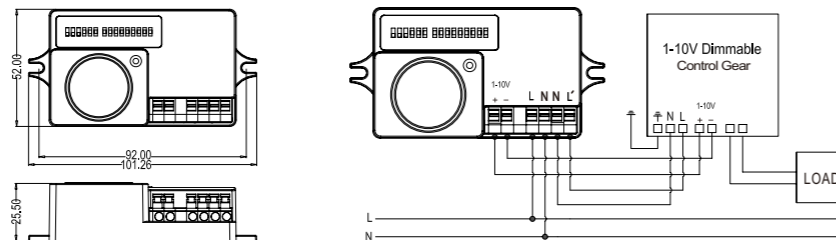
Detection Pattern (max / min)



Detection area*

100%	2.5m	3.5m
75 %	1.5m	2.5m
50 %	1m	1.5m
25%	0.5m	1m
10%	0m	0.5m

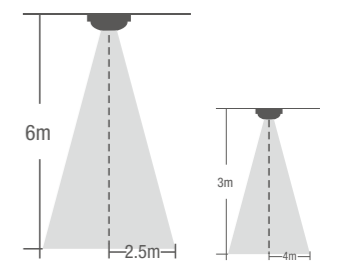
*These data were tested by a 165cm height person and his walking speed is 1m/s.



SPECIFICATIONS

Operating voltage	220~240Vac
Rated Load	800W(Inductive), 1200W (Resistive)
HF system	5.8GHz±75MHz, ISM wave band
Transmitting power	<0.5mW
Power consumption	<0.5W(stand-by)
Detection Area(Radius)	6m Max.
Max. Mounting height	8m
Hold time	5s/30s/90s/3min/20min/30min
Stand-by Period	5s/5min/10min/30min/1h/disable
Stand-by DIM Level	10%/20%/30%/40%/50%
Daylight sensor	5lux/10lux/30lux/50lux/disable
Operating temperature	-35°C ~70°C
IP rating	IP20

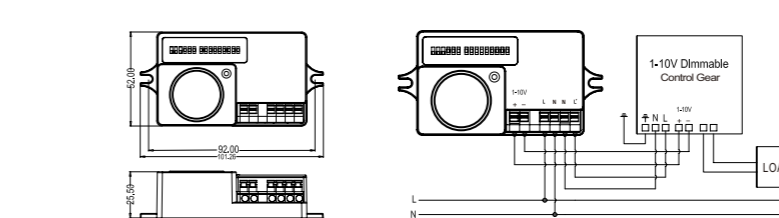
Detection Pattern (max / min)



Detection area*

100%	2.5m	4m
75 %	1m	3m
50 %	0.5m	1m
25%	0m	0.5m
10%	0m	0m

*These data were tested by a 165cm height person and his walking speed is 1m/s.

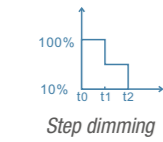
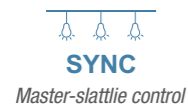


SPECIFICATIONS

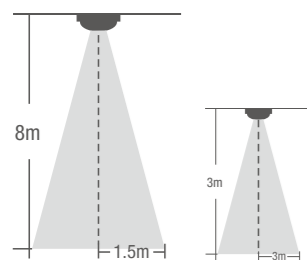
Operating voltage	220~240Vac
Rated Load	200W (Inductive), 400W(Resistive)
HF system	5.8GHz±75MHz, ISM wave band
Transmitting power	<0.5mW
Power consumption	≤0.5W(stand-by)
Detection Area(Radius)	4m Max.
Max. Mounting height	6m
Hold time	5s/30s/90s/3min/20min/30min
Stand-by Period	5s/5min/10min/30min/1h/disable
Stand-by DIM Level	10%/20%/30%/40%/50%
Daylight sensor	5lux/10lux/30lux/50lux/disable
Operating temperature	-25°C ~60°C
IP rating	IP20

Dimming
Function

Dimming
Function



Detection Pattern (max / min)

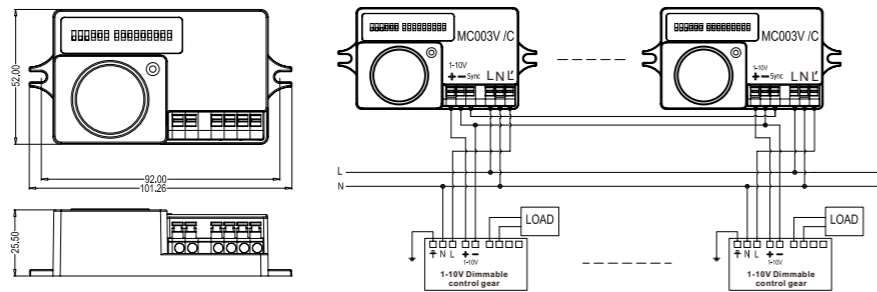
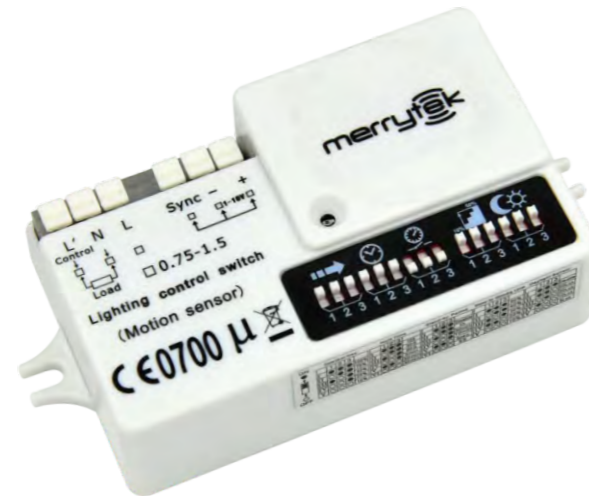


Detection area*

100%	1.5m	3m
75 %	1m	2m
50 %	0.5m	1.5m
25%	0m	1m
10%	0m	0.5m

*These data were tested by a 165cm height person and his walking speed is 1m/s.

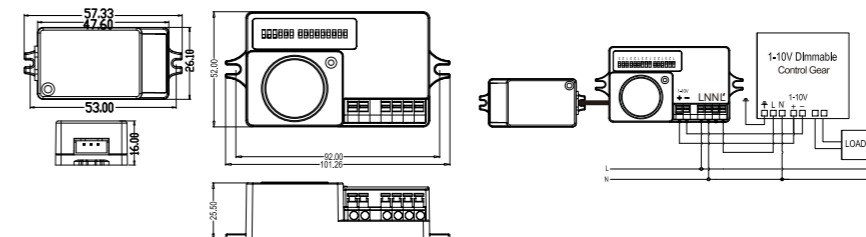
MC003V/C Dimming Function / Cluster-control Version



SPECIFICATIONS

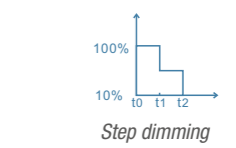
Operating voltage	220~240Vac
Rated Load	800W(Inductive), 1200W (Resistive)
HF system	5.8GHz±75MHz, ISM wave band
Transmitting power	<0.5mW
Power consumption	<0.5W(stand-by)
Detection Area(Radius)	6m Max.
Max. Mounting height	8m
Hold time	5s/30s/90s/3min/20min/30min
Stand-by Period	5s/5min/10min/30min/1h/disable
Stand-by DIM Level	10%/20%/30%/40%/50%
Daylight sensor	5lux/10lux/30lux/50lux/disable
Operating temperature	-35°C ~70°C
IP rating	IP20

MC003V/D Dimming Function / Detachable Sensor

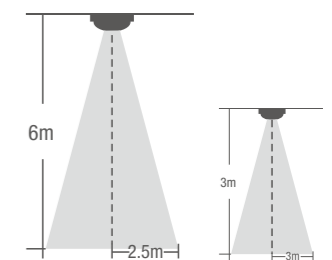


SPECIFICATIONS

Operating voltage	220~240Vac
Rated Load	400W(Inductive), 800W (Resistive)
HF system	5.8GHz±75MHz, ISM wave band
Transmitting power	<0.5mW
Power consumption	≤0.5W(stand-by)
Detection Area(Radius)	4m Max.
Max. Mounting height	6m
Hold time	10s/30s/90s/3min/20min/30min
Stand-by Period	5s/5min/10min/30min/1h/+∞
Stand-by DIM Level	10%/20%/30%/40%/50%
Daylight sensor	5lux/10lux/30lux/50lux/disable
Operating temperature	-35°C ~70°C
IP rating	IP20



Detection Pattern (max / min)

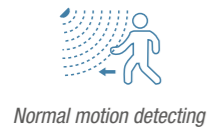
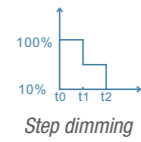


Detection area*

100%	2.5m	3m
75 %	1.5m	2.5m
50 %	1m	1.5m
25%	0.5m	1m
10%	0m	0.5m

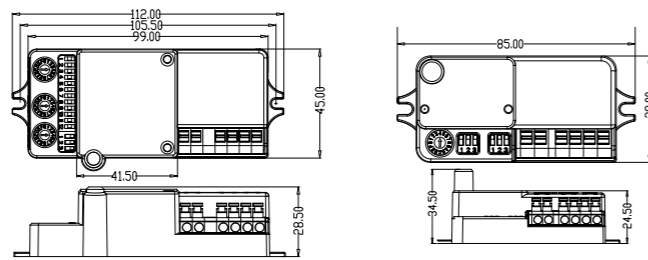
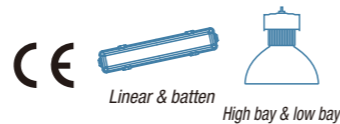
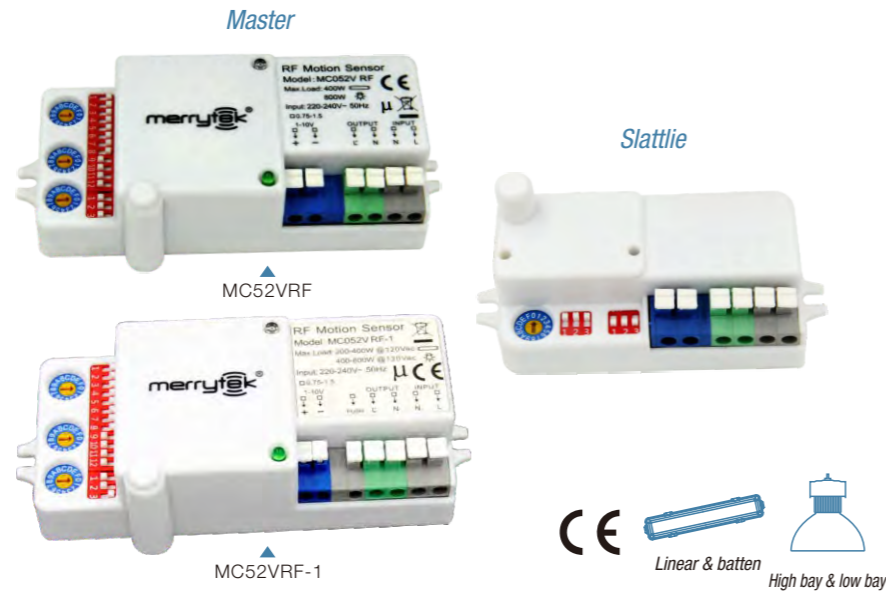
*These data were tested by a 165cm height person and his walking speed is 1m/s.

Dimming
Function

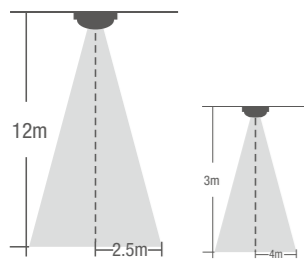


MC052V RF+MW04 RF Wireless Networking Motion Sensor

- Using the rotary coding switch, easy to create groups.
- Up to 16 different groups can be created.



Detection Pattern (max / min)



Detection area*

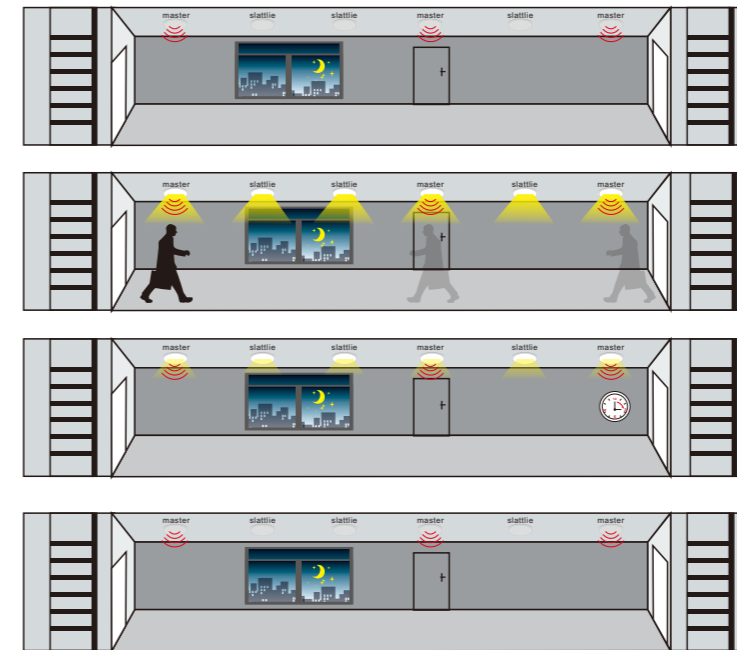
100%	2.5m	4m
75%	1m	2m
50%	0.5m	1m
25%	0m	0.5m

*These data were tested by a 165cm height person and his walking speed is 1m/s.

SPECIFICATIONS

	MC052V RF/MC052V RF1	MW04
Operating voltage	220~240Vac	220~240Vac
Rated LED Load	400W(Inductive), 800W (Resistive)	400W(Inductive), 800W (Resistive)
HF system	5.8GHz±75MHz, ISM wave band	868MHz
Transmitting power	<0.5mW	
Power consumption	≤ 1W(stand-by)	≤ 0.5W(stand-by)
Detection Area(Radius)	8m	N/A
Max. Mounting height	12m	N/A
Hold time	5s/30s/90s/3min/20min/30min/+∞	0s/5s/5min/10min/30min/60min
Stand-by Period	0s/5s/5min/10min/30min/60min/+∞	N/A
Stand-by DIM Level	10%/20%/30%/50%	10%/20%/30%/50%
Daylight sensor	5lux/15lux/30lux/50lux/100lux/150lux/Disable	N/A
Operating temperature	-35°C ~ 70°C	-35°C ~ 70°C
IP rating	IP20	IP20

Master-slattie control

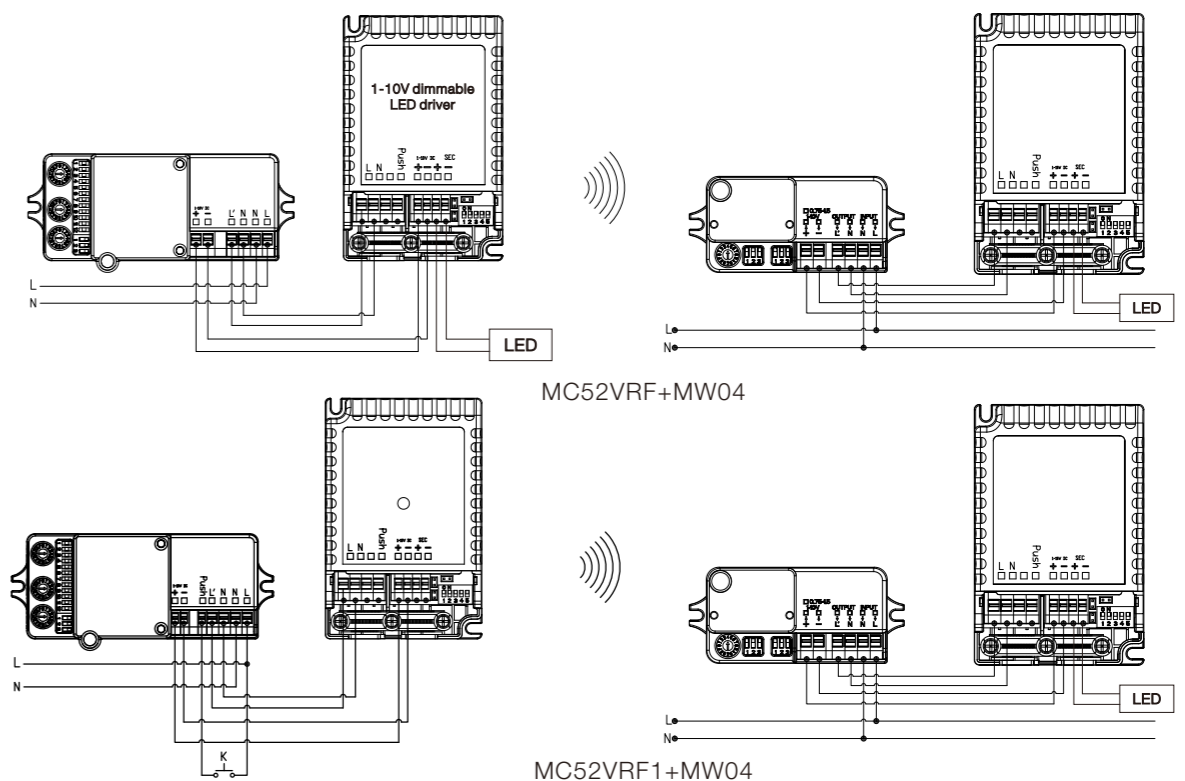
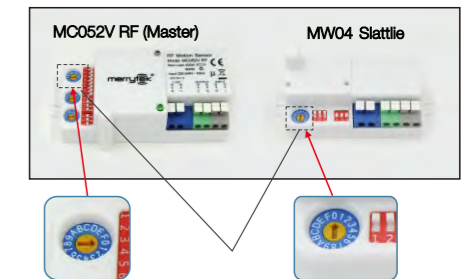


- 1 When no motion is detected, all lamps will switch off.
- 2 With insufficient ambient light, if motion is detected in any direction by any master, all lamps will switch on at the same time.
- 3 After hold time, all lamps dim to a low light level if no new motion trigger.
- 4 After stand-by period, all lamps will switch off if no movement is detected in the detection zone by any master.

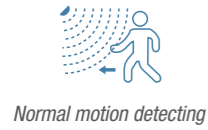
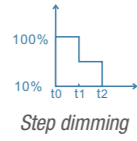
Dimming
Function

RF grouping (up to 16 different groups possible)

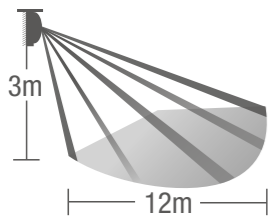
MC052V RF has one TX channel and MW04 has one RX channel. The TX channel is used for transmitting RF signal and the RX channel is used for receiving RF signal. Use a small screwdriver to rotate the rotary switches and keep them pointed to the same channel, groups will be created automatically.



Dimming
Function



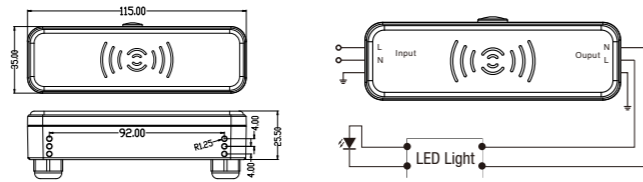
Detection Pattern (max / min)



Detection area*
100% 12m

*These data were tested by a 165cm height person and his walking speed is 1m/s.

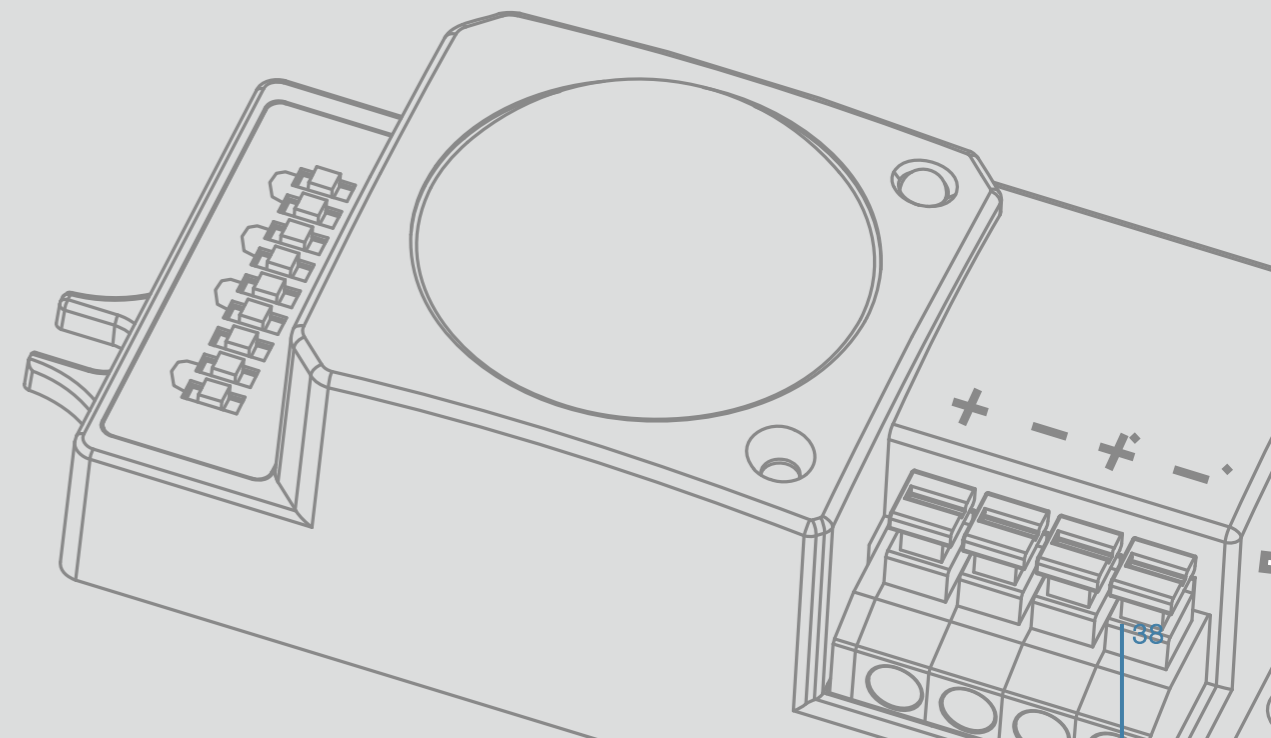
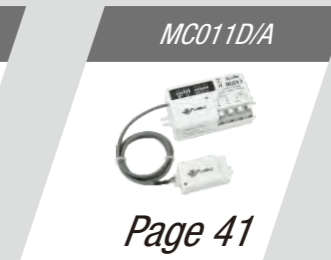
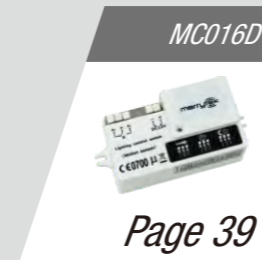
MC042P Night/Light Function Motion Sensor for COB Flood Light

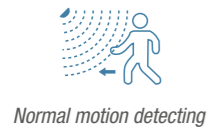


SPECIFICATIONS

Operating voltage	220~240Vac
Rated LED Load	100W Max.
HF system	5.8GHz±75MHz, ISM wave band
Transmitting power	<0.5mW
Power consumption	≤0.5W(stand-by)
Detection Area(Radius)	10m(wall mounting);6m(ceiling mounting)
Max. Mounting height	3m(wall mounting);6m(ceiling mounting)
Hold time	5s/60s/3min/5min
Stand-by Period	N/A
Stand-by DIM Level	15% or 30%, fixed by the factory
Daylight sensor	25lux/50lux/disable
Daylight priority	Open:25lux/50lux/disable Close:50lux/100lux/disable
Operating temperature	-35°C ~55°C
IP rating	IP65

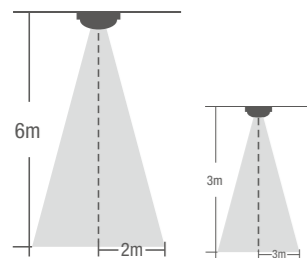
DC Operation





5 Year Guarantee
5 Year Guarantee

Detection Pattern (max / min)

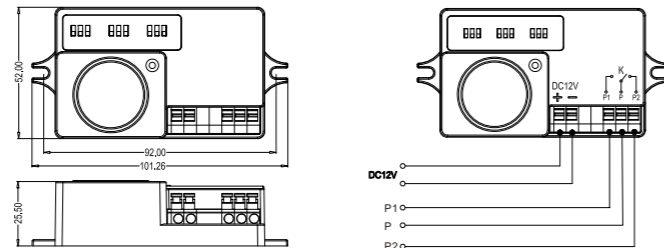


Detection area*

100%	2m	3m
75 %	1m	2.5m
50 %	0.5m	1m
25%	0m	0.5m
10%	0m	0m

*These data were tested by a 165cm height person and his walking speed is 1m/s.

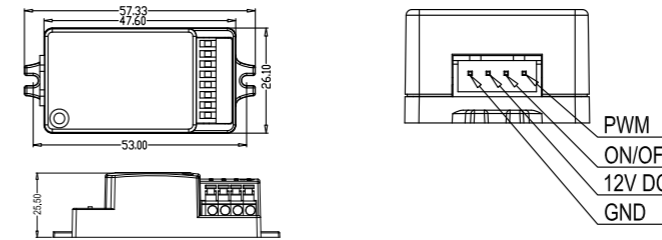
MC016D Dry Contact Motion Detector



SPECIFICATIONS

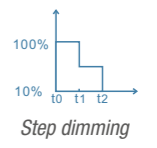
Operating voltage	12Vdc
Rated Load	N/A
HF system	5.8GHz±75MHz, ISM wave band
Transmitting power	<0.5mW
Power consumption	≤0.5W(stand-by)
Detection Area(Radius)	6m Max.
Max. Mounting height	6m
Hold time	10s/30s/90s/3min/20min/30min
Stand-by Period	N/A
Stand-by DIM Level	N/A
Daylight sensor	5lux/10lux/30lux/50lux/disable
Operating temperature	-35°C ~ 70°C
IP rating	IP20

MC002D 6 Sensor Module



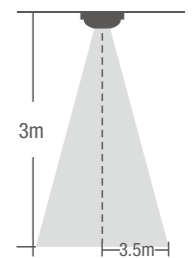
SPECIFICATIONS

Operating voltage	12VDC+/-2V
HF system	5.8GHz±75MHz, ISM wave band
Transmitting power	<0.5mW
Power consumption	≤0.5W(stand-by)
Detection Area(Radius)	4m Max.
Max. Mounting height	4m
Hold time	5s/30s/90s/3min
Stand-by Period	0s/90s/3min/+∞
Stand-by DIM Level	20%
Daylight sensor	5lux/15lux/50lux/disable
Operating temperature	-25°C ~ 60°C
IP rating	IP20



5 Year Guarantee
5 Year Guarantee

Detection Pattern (typical)

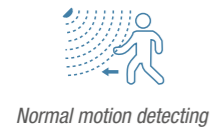
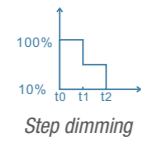


Detection area*

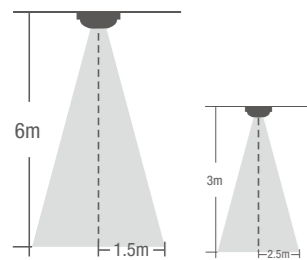
100%	3.5m
75 %	2.5m
50 %	1.5m
10%	1m

*These data were tested by a 165cm height person and his walking speed is 1m/s.

DC
Operation



Detection Pattern (max / min)

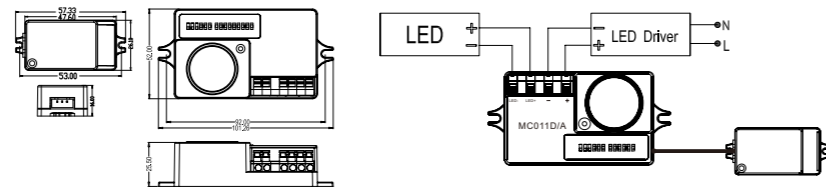


Detection area*

100%	1.5m	2.5m
75 %	0.5m	2m
50 %	0m	1m
10%	0m	0.5m

*These data were tested by a 165cm height person and his walking speed is 1m/s.

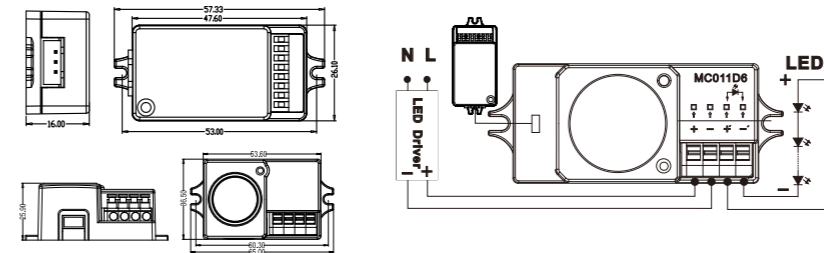
MC011D/A DC Operation - Advanced Version



SPECIFICATIONS

Operating voltage	25~100Vdc
Rated LED Load	50W-200W
HF system	5.8GHz±75MHz, ISM wave band
Transmitting power	<0.5mW
Power consumption	≤0.5W(stand-by)
Detection Area(Radius)	4m Max.
Max. Mounting height	6m
Hold time	10s/90s/3min/10min
Stand-by Period	0s/5min/10min/30min/60min/+∞
Stand-by DIM Level	10%/20%/30%/40%/50%/60%/70%/80%
Daylight sensor	10lux/30lux/50lux/disable
Operating temperature	-35°C ~ 70°C
IP rating	IP20

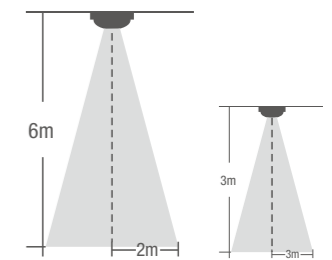
MC011D6 DC Operation



SPECIFICATIONS

Operating voltage	12-24Vdc
Rated LED Load	120W LED, 5A Max.
HF system	5.8GHz±75MHz, ISM wave band
Transmitting power	<0.5mW
Power consumption	≤0.5W(stand-by)
Detection Area(Radius)	4m Max.
Max. Mounting height	6m
Hold time	5s/30s/90s/3min/20min/Always on
Stand-by Period	N/A
Stand-by DIM Level	0%/10%/20%/50%
Daylight sensor	30lux/Disable
Operating temperature	-25°C ~ 60°C
IP rating	IP20

Detection Pattern (max / min)



Detection area*

100%	2m	3m
75 %	1m	2m
50 %	0.5m	1m
25%	0m	0.5m

*These data were tested by a 165cm height person and his walking speed is 1m/s.

DC
Operation

