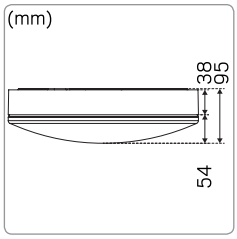
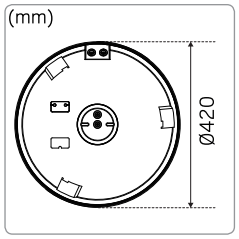
Moon Pro 420SC RF

hidealite





E-nr	Snro	El.nr	GTIN	Name	LED color	Color	Unit effect
75 028 76	42 895 85	32 269 57	7392971129907	Moon Pro 420SC RF	3000K	White	22,5W

For explanation of symbols see www.hidealite.se

SAFETY INSTRUCTIONS

en Read these instructions carefully before commencing installation and retain for future reference. The luminaire should be installed by a licensed electrician and in accordance with local regulations. Make sure that the power is off before installation or maintenance.

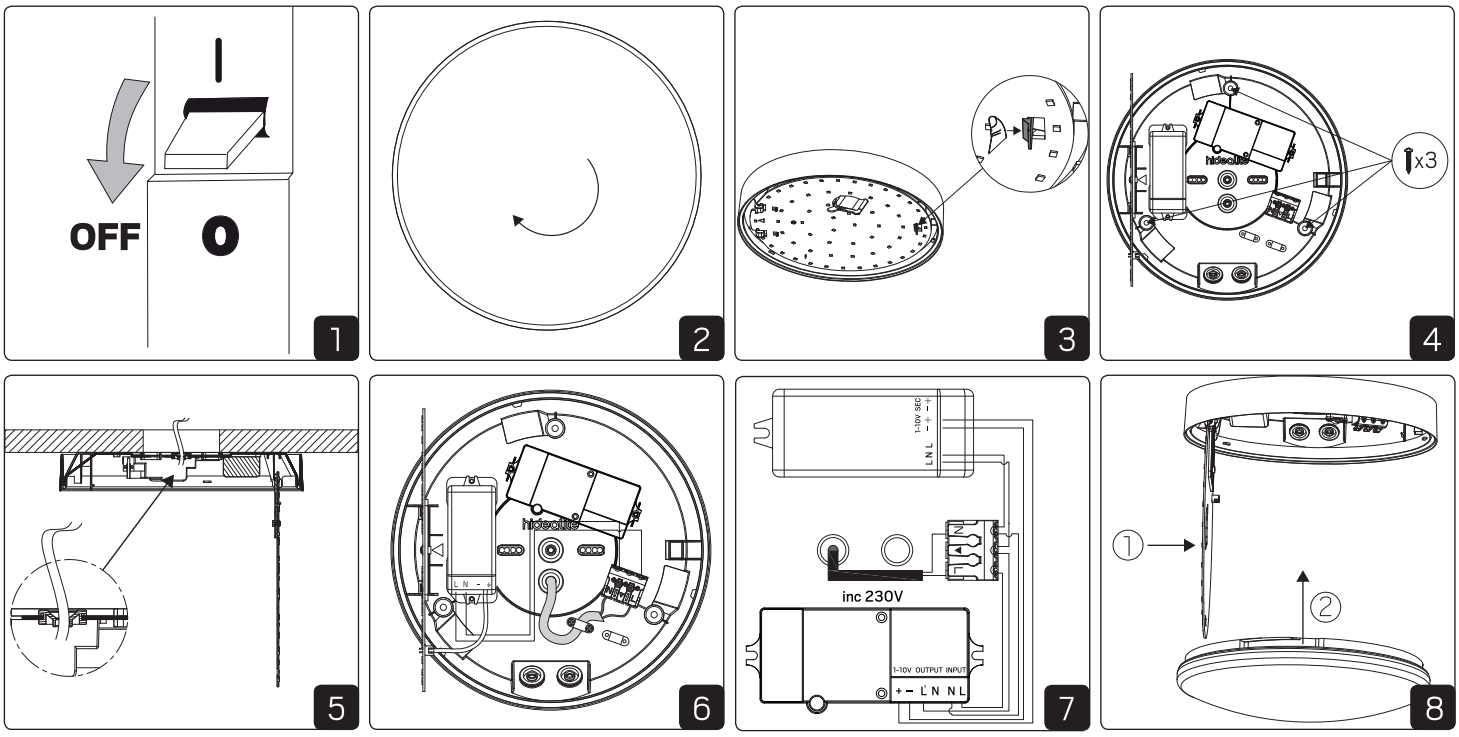
sv Läs dessa instruktioner före installationen påbörjas och lämna den vidare till brukaren av anläggningen. Armaturen skall installeras av behörig installatör och enligt gällande föreskrifter. Se till att spänningen är frånslagen före installation eller underhåll.

fi Lue nämä ohjeet ennen asentamista ja luovuta ohjeet valaisimen seuraavalle käyttäjälle. Valaisimen saa asentaa valtuutettu asentaja voimassa olevien määräysten mukaisesti. Varmista, että jännite on kytketty päältä ennen asennusta ja huoltoa.

no Les disse instruksjonene før du starter installeringen, og gi den deretter videre til anleggets bruker. Armaturen skal installeres av en godkjent installatør og i henhold til gjeldende lover og regler. Sørg for at strømmen er koblet fra før installering og ved vedlikehold.

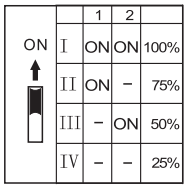
da Læs denne vejledning omhyggeligt, før installationen udføres og gem den til fremtidig brug. Armaturet skal installeres af en autoriseret installatør i henhold til gældende love og regler. Sørg strømmen er afbrudt før installation og vedligeholdelse.

Installation



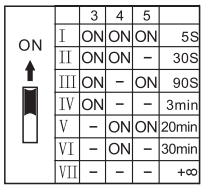
Setting (MC052V RF)

By selecting the combination on the DIP switches, sensor data can be precisely set for each specific application.



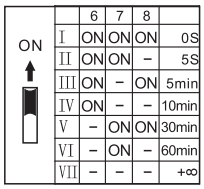
Detection area

Detection area can be reduced by selecting the combination on the DIP switches to fit precisely each application .



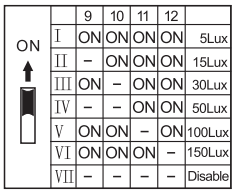
Hold time

Refers to the time period the lamp remains at 100% illumination after no motion detected. When set to " +∞ "motion sensor and daylight sensor is disabled.



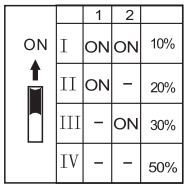
Stand-by period

Refers to the time period the lamp remains at a low light level before it completely switches off in the long absence of people. When set to " +∞ " mode, the low light is maintained until motion is detected.
When stand-by period set to 0s, the light will achieve ON/OFF function only, and mode must be set to "100%".



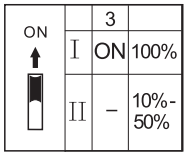
Daylight sensor

The sensor can be set to only allow the lamp to illuminate below a defined ambient brightness threshold.
When set to Disable mode, the daylight sensor will switch on the lamp when motion is detected regardless of ambient light level.
30lux, 50lux,100lux,150lux: twilight operation, 15lux, 5lux: darkness operation only.
Note that daylight sensor is active only when lamp totally switches off.



Stand-by dimming level

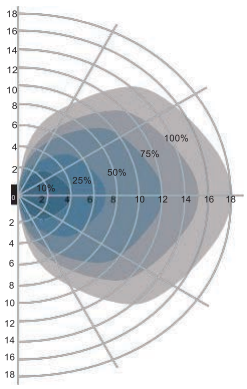
The low light level you would like to have after the hold time in the long absence of people.



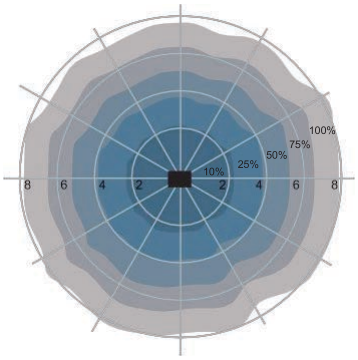
Mode

Mode is used for any-to-any communication only. 100% means the light(built in MC052V RF) lights up to 100% light when receive the RF signal from master. 10%-50% means the light(built in MC052V RF) lights up to a low light level when receive the RF signal from master, which is defined by stand-by DIM level. When stand-by period set to 0s, the sensor will achieve ON/OFF function only, and mode must be set to "100%".

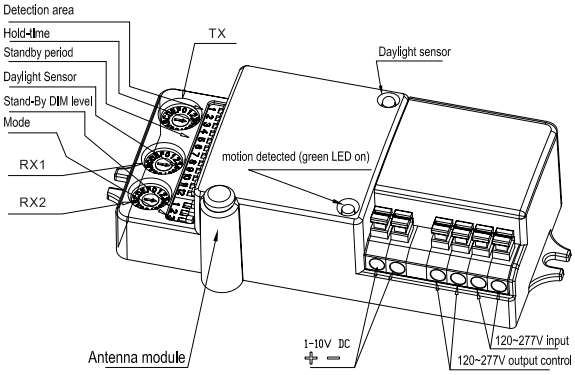
Detection Pattern

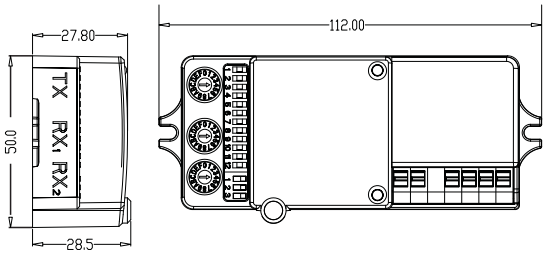


Wall mounting pattern (Unit: m)
Suggested installation height: 1.5-2.5m



Ceiling mounting pattern (Unit: m)
Suggested installation height: 3-15m



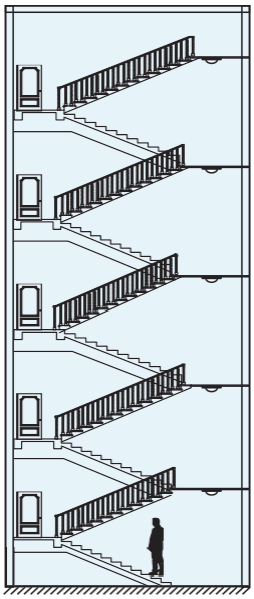


MC052V RF

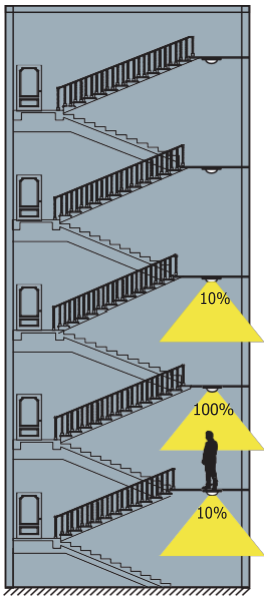
Operating voltage	220-240Vac, 50/60Hz
Rated load	400W (inductive), 800W(resistive)
HF system	5.8GHz±75MHz, ISM wave band
Standby Power consumption	≤1.5W
Transmitting power	<1mW
Detection area(Radius)	5-8m(@mounting height 3m)
Mounting height	15m Max.
Motion detection	0.5~3m/s
Detection angle	150°(wall installation) 360°(ceiling installation)
IP rating	IP20
Coding	Fixed address coding (rotary coding switch for grouping)
RF. Communication Channels	16 channels for grouping
Operation Temperature	-25℃~60℃
Hold time	5S/30S/90S/3min/20min/30min/+∞
Detection sensitivity	100%/75%/50%/25%
Daylight sensor	5lux/15lux/30lux/50lux/100lux/150lux/disable
Stand-by dimming level	10% 20% 30% 50%
Stand-by period	0S /5S/5min/10min/30min/60min/+∞
RF. Transmission distance	30 meters indoor, 100 meters in the open area.
RF frequency	868MHz
Life time	50,000 hours
Guaranty	5 years

Mater-Slave Function（Any To Any）

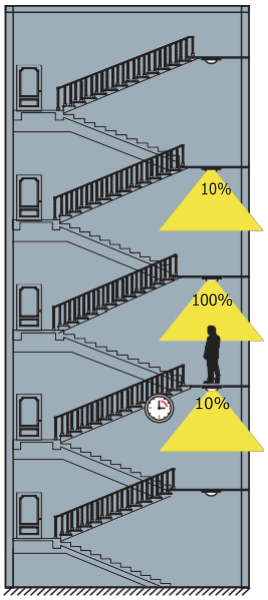
Once any motion is detected, the motion signal will be transmitted to other grouped sensors through RF transceiver. See example below. When the person walks to one of floors, the lamps in adjacent floors will switch on at a preset low light level synchronously.



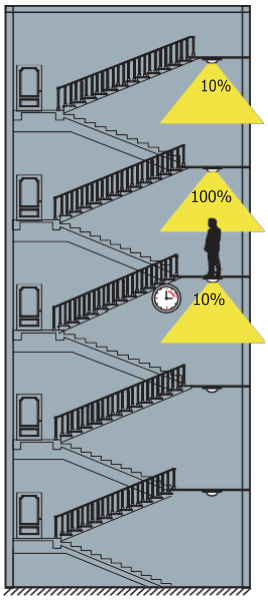
With sufficient ambient light, all lamps switch off even if there is motion in the detection zone



With insufficient ambient light and the person walks to the 2nd floor, the 2nd lamp switches on at 100%, and the 1st and 3rd lamps switch on at a low light level (Preset in the sensor).



The person walks to the 3rd floor, the 3rd lamp lights up to 100%, and the 4th lamp switches on at a low light level. The 2nd lamp dims to a low light level after hold time.



The person walks to the 4th floor, the 4th lamp lights up at 100%, and the 5th lamp switches on at a low light level. The 3rd lamp dims to a low light level after hold time.The 2nd lamp switches off after a standby period.

RF grouping(up to 16 different groups possible)

Each RF transceiver has 1 TX and 2 RX. TX channel is used for transmitting RF signal and RX channel is used for receiving the RF signal. Using a small screwdriver to rotate the rotary switches and keep them point to the same channel, grouping is created automatically.