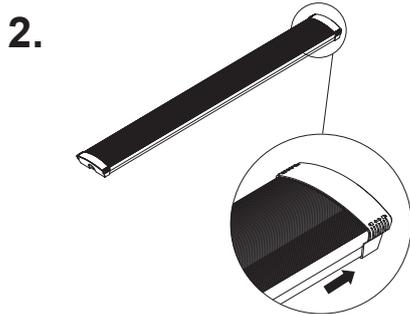
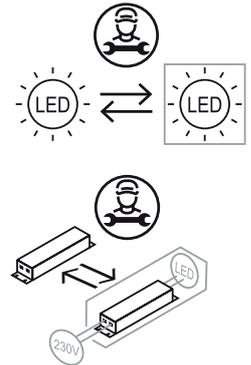
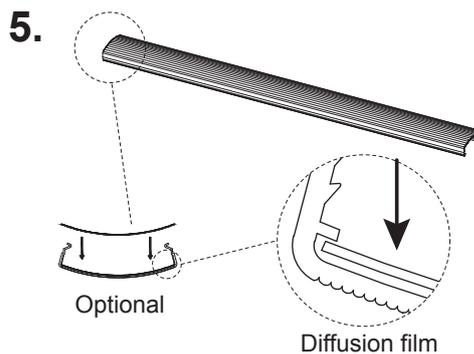
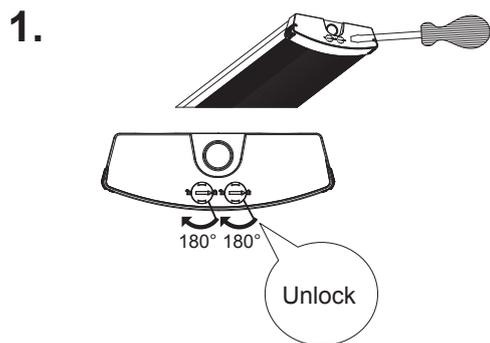
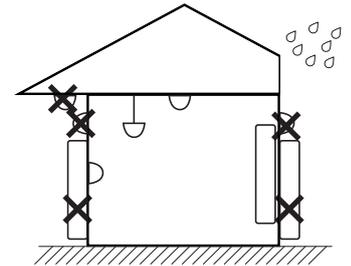
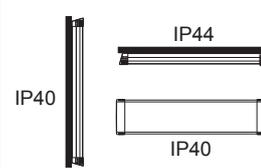
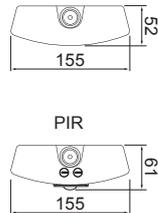
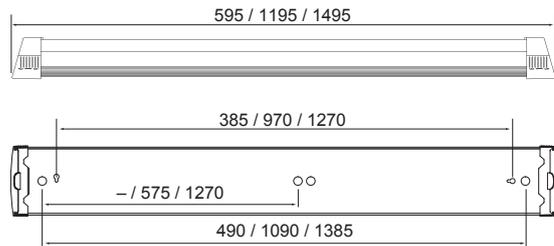


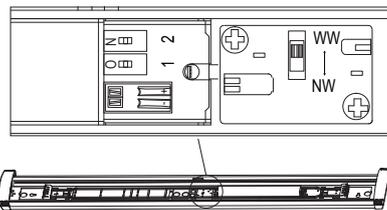
Optimus MP

IP44    5 x 2,5 IK07 -20 ... 40 °C PF≥0.9  

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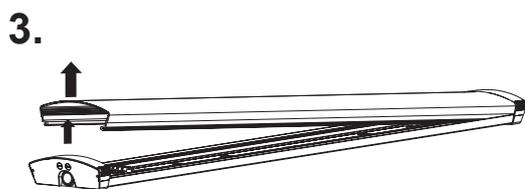


6. CCT & Power adjustable



FI Tämä tuote sisältää energiatehokkuusluokan B valonlähteen.

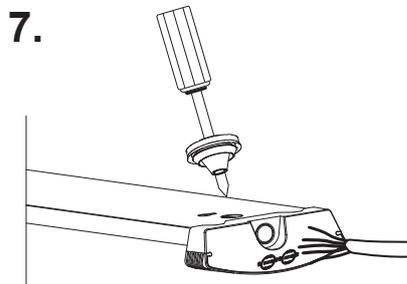
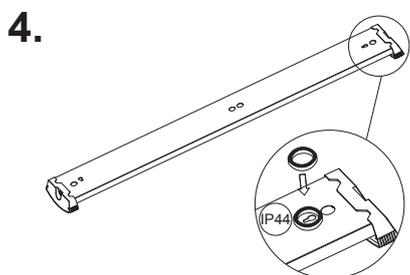
Valaisimen saa asentaa vain sähköalan ammattilainen. Käytä ainoastaan syöttöjännitettä ja taajuutta joka on merkitty valaisimeen/liitäntälaitteeseen. Kytke virta pois päältä ennen asennusta tai huoltoa. Tämä asennusohje on säilytettävä ja sen on oltava käytössä asennuksessa ja huollossa. Tämän valaisimen valonlähteen saa vaihtaa ainoastaan valmistaja tai hänen valtuuttamansa henkilö tai vastaava riittävän pätevä henkilö.



		600 mm		1200 mm		1500 mm		
1	2	mA	W	lm	W	lm	W	lm
-	-	200	11	1430	23	3220	26	3640
on	-	250	13	1690	29	4060	33	4620
-	on	300	16	2080	35	4900	40	5600
on	on	350	20	2600	40	5600	47	6580

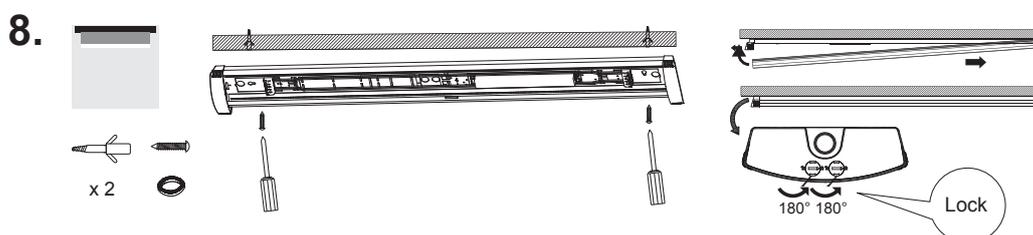
SE Denna produkt innehåller en ljuskälla med energieffektivitetsklass B.

Vi rekommenderar att installationen görs av en behörig elektriker. Använd endast driftspänning och frekvens som är märkt på armaturen/förkopplingsdonet. Bryt strömmen före installation eller service. Denna monteringsanvisning bör sparas och finnas tillgänglig vid installation eller framtida service. Ljuskällan i denna armatur ska endast ersättas av tillverkaren eller hans servicetekniker eller en liknande kvalificerad person.



EN This product contains a light source of energy efficiency class B.

Only a professional electrician is allowed to do the installation. Use only rated voltage and frequency as marked in the fixture/driver. Switch off the current before installation or service. This mounting instruction must be kept available during installation and for future maintenance. The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.

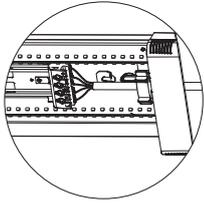


Optimus MP

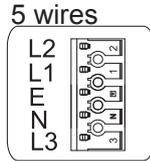
IP44 $5 \times 2,5$ **IK07** -20 ... 40 °C PF≥0.9

Suljettu teollisuusvalaisin | Kapslad industriarmatur | Sealed industrial luminaire

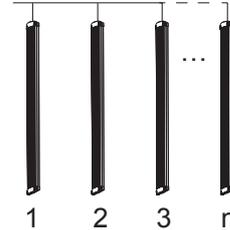
9.



	mm
	mm ²
	1-2.5 12

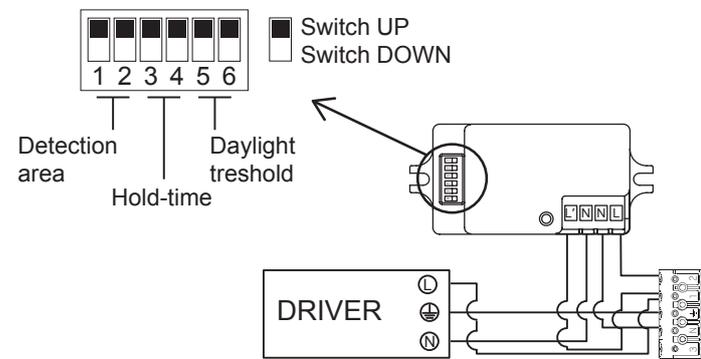


Circuit breakers



	B10	B16	C10	C16
20W	40	46	65	108
40W	33	56	38	60
47W	20	34	31	50

Master-slave Microwave sensor



1	2	
■	■	100%
□	■	75 %*
■	□	50 %
□	□	10%

* default

Detection area

In this area, movement will be detected and able to trigger the sensor. 100 % detection area is also known as the strong sensitivity.

3	4	
■	■	5 s
□	■	90 s*
■	□	5 min
□	□	15 min

* default

Hold-time

The period of light keeping 100% brightness after moving objects leave the detection area.

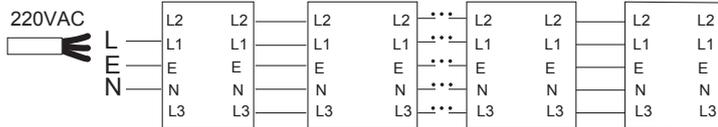
5	6	
■	■	Disable*
□	■	50 lux
■	□	10 lux
□	□	2 lux

* default

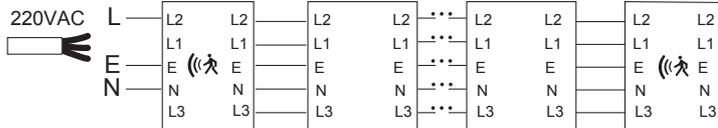
Daylight threshold

Definition of the ambient brightness; only when the ambient brightness is lower than the preset specific lux amount, the sensor will work; when it's preset as "disable", the sensor works everytime it detects motion regardless the ambient brightness.

On/off

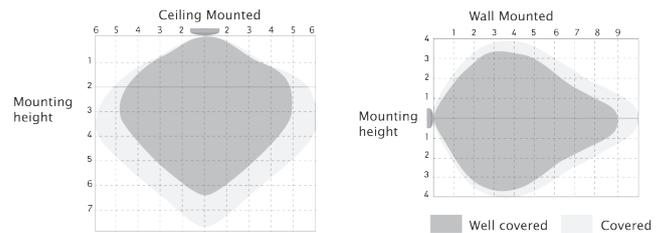


Sensor



Typical installation height 2.5-6m

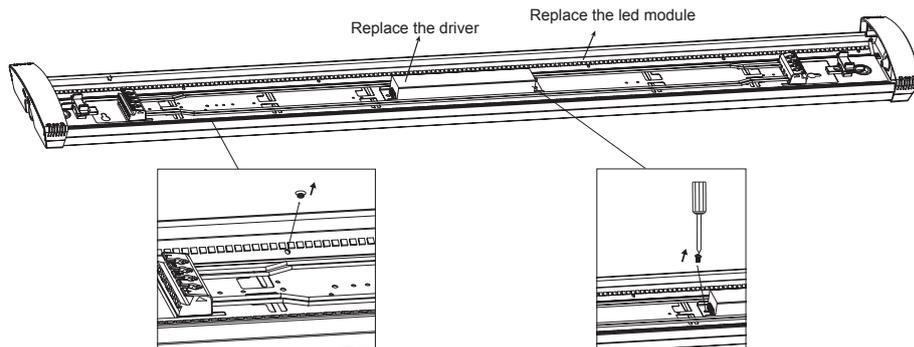
This figure indicates the maximum distance at the highest mounting height with 100% sensitivity.



1200 mm max 7-slave luminaires, 1500 mm max 5-slave luminaires.

Replacement steps:

- Loosen the end cap and remove the diffuser
- Screw out the fixing screws on PCB board and led driver
- Replace the led module and driver with new one
- Put back the diffuser and lock the end cap



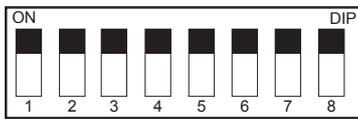
Optimus MP PIR/MS

IP44    **IK07** -20 ... 40 °C PF≥0.9  

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Master (MS-MT01/MS-MT02)	
Input voltage (L, N)	220-240 V AC
Output voltage (L', N')	220-240 V AC
Load capacity	1000 W (max)
Standby power consumption	< 0,5 W
Connection method	Push terminal
Control mode	ON/OFF
Switching cycles	100 000 (max)

Pir sensor (MS FPNL03)		
Input	Input voltage	12V DC
	Working current	< 15mA
Output	Output mode	ON/OFF (high or low level)
	Connector	Terminal block
	Initialisation requires 45 S for warm up time (no function in this period)	
	Detection range	Installation height: 4 m (max) Detection diameter 6–8 m (max)
	Detection angle	< 120 ° (wall mounting); 360 ° (ceiling mounting)
Sensor parameters by knob	Detection area	25 % / 50 % / 75 % / 100 %
	Hold time	5 s / 30 s / 90 s / 3 min / 5 min / 15 min / 30 min
	Daylight treshold	10 lux / 25 lux / 50 lux / Disable
	Operating temperature	-20 ... 40 °C

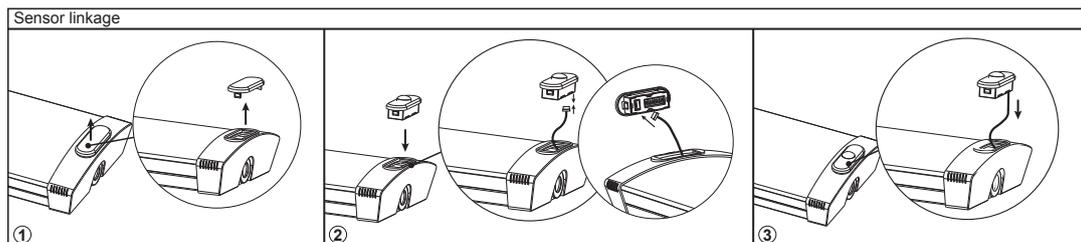
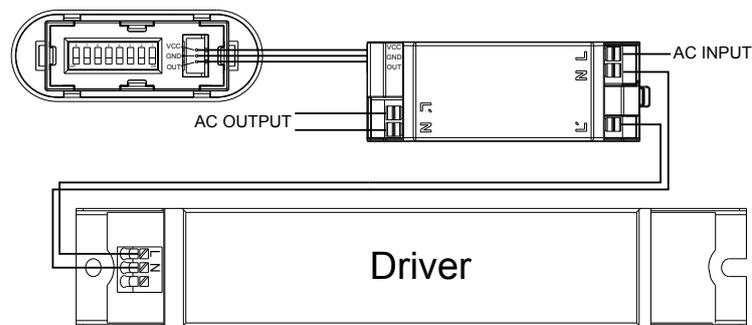


Detection area			Hold time				Daylight sensor			PIR	
1	2	%	3	4	5	s/min	6	7	Lux	8	
on	on	100	on	on	on	5 s*	on	on	disabled	on	on
on	–	75	on	on	–	30 s	on	–	10	–	off
–	on	50	on	–	on	90 s	–	on	25		
–	–	25	on	–	–	3 min	–	–	50		
			–	on	on	5 min					
			–	on	–	10 min					
			–	–	on	15 min					
			–	–	–	30 min					

Tehdasasetus / Factory settings / Fabriksinställningar

* Vain testikäyttöön / Only for testing purposes / Här är bara för testbruk

Wiring diagram

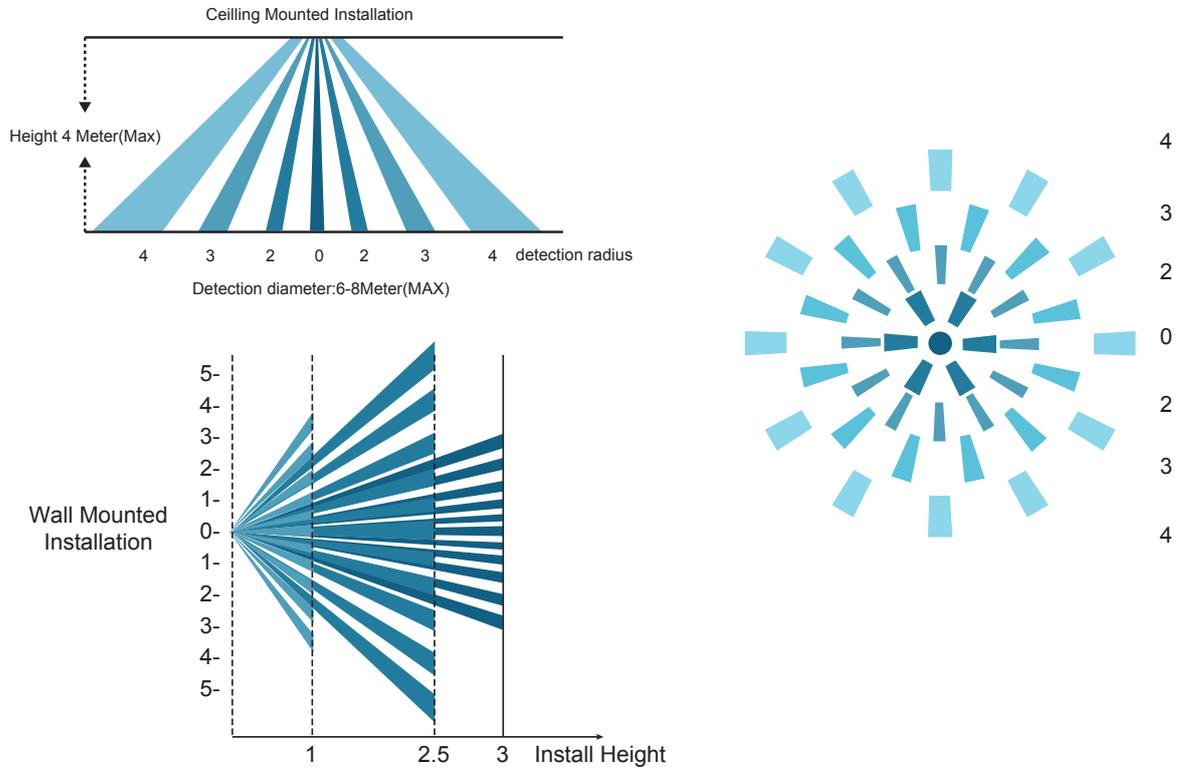


Optimus MP PIR/MS

IP44    IK07 -20 ... 40 °C PF≥0.9  

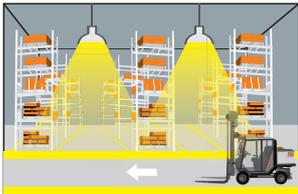
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Detection pattern (Unit: m)

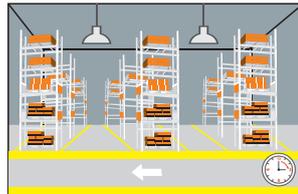


Application

1. Auto On/Off function (hold time set to 5 s, 30 s, 90 s, 3 min, 5 min, 10 min, 15 min, or 30 min without setting the light sensor function)

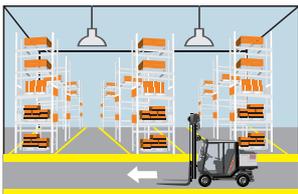


1. When a moving object is detected entering the sensing area, the luminaire will automatically switch on.

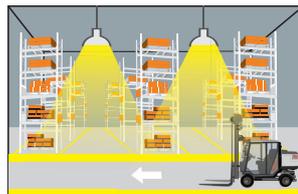


2. When a moving object leaves the sensing area and the departure time exceeds the set hold time, the luminaire will automatically go out.

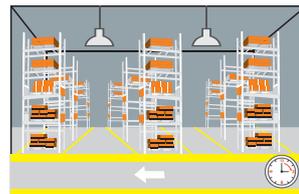
2. Auto On/Off function (hold time set to 5 s, 30 s, 90 s, 3 min, 5 min, 10 min, 15 min, or 30 min with the light sensor function set)



1. During the daytime, when the ambient brightness is high enough (when the ambient light is higher than the set illuminance value), the luminaire will not light up even if there are moving objects.



2. At night (when the ambient light is lower than the set light-sensing illuminance value), the luminaire will automatically switch on when a moving object is detected entering the sensing zone.



3. When the moving object leaves the sensing area and the departure time exceeds the set holding time, the luminaire will automatically turn off.