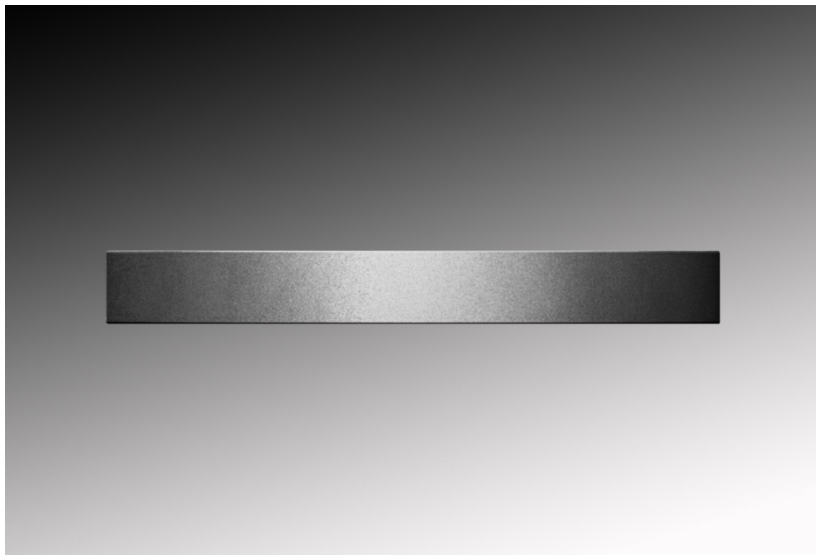


ROMEO



ROMEO

Features



- Elegant and slim shape
- Uniform even light distribution
- High quality aluminum housing
- Microwave motion + daylight sensor, master-slave function
- Emergency
- Surface mounting
- IP65 Ceiling Mounted
- Approvals:
 - For Europe: CE
 - For North America: cTUVus



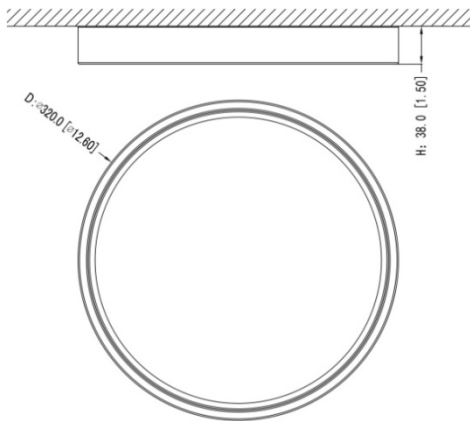
Model	Romeo		
Light Source	SMD LED	IP Rating	IP65 Ceiling Mounted
Input Voltage / Power	120 - 240V AC / 15 - 28W	Beam Angle	120°
Power Factor	0.95	Dimming	1-10V, Switch and Dali available
CRI / SDCM	90+ / 3-	Operating Temperature	-20°C to + 50°C (-4°F to + 122°F)
Lifetime L90 / B10	60,000 Hours	Dimensions	Ø320mm x 38mm
			Ø12.60" x 1.5m"

DIP Switch Power Options For Romeo Basic

Current	Power	Lumens		Dip Switch		
		3000K	4000K	1	2	3
150mA	9W	630	720	OFF	OFF	OFF
250mA	13W	910	1040	ON	OFF	OFF
300mA	15W	1050	1200	OFF	ON	OFF
350mA	17W	1190	1360	OFF	OFF	ON
400mA	19W	1330	1520	ON	ON	OFF
450mA	21W	1470	1680	ON	OFF	ON
500mA	23.5W	1645	1880	OFF	ON	ON
600mA	28W	1960	2240	ON	ON	ON

ROMEO

Technical Data



Technical Data

Model	Wattage	Lumens		Version	Weight
		3000K	4000K		
03013238	15	1050	1200	Basic	1.7 [3.7]
03023238	19	1050	1200	Emergency	2 [4.4]
03033238	16	1050	1200	Motion & Daylight Sensor	1.8 [4.0]
03043238	20	1050	1200	Emergency + Motion & Daylight Sensor	2.1 [4.6]
03053238	16	1050	1200	Motion & Daylight Sensor + RF Wireless	1.9 [4.2]
03063238	20	1050	1200	Emergency + Motion & Daylight Sensor + RF Wireless	2.2 [4.8]

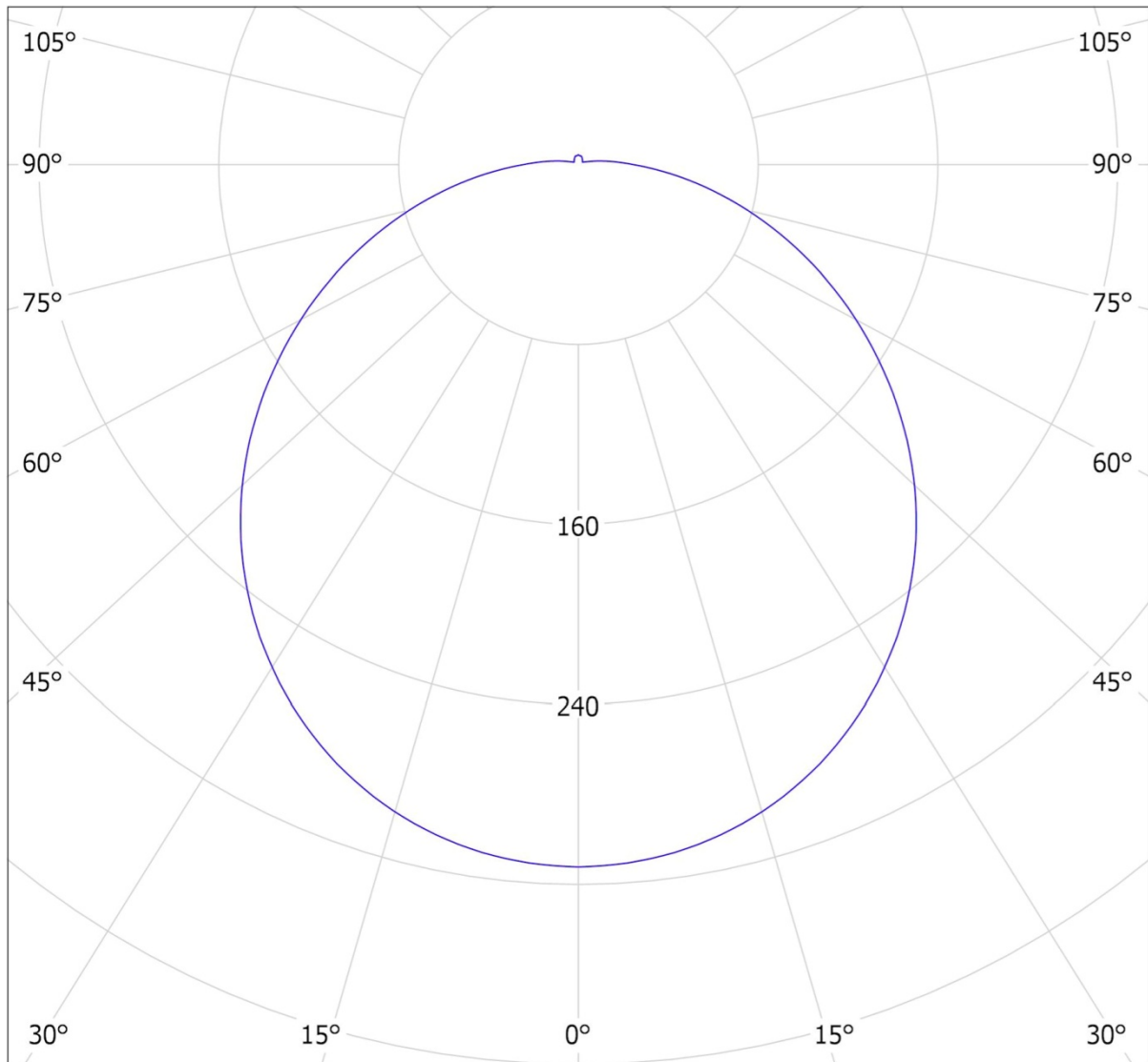
Ordering Details

Model	Type	Size	Finish	CCT	Dimming
03 - Romeo	01 - Basic 02 - Emergency 03 - Motion & Daylight Sensor 04 - Emergency + Motion & Daylight Sensor 05 - Motion & Daylight Sensor + RF Wireless 06 - Emergency + Motion & Daylight Sensor + RF Wireless	3238 - D: 320mm [12.60"] H: 38mm [1.50"]	1 - Silver 2 - White	2 - 3000K 4 - 4000K	0 - Non-dimmable 1 - 1-10V Dimmable + Switch DIM 2 - Dali Dimmable

Dimension in millimetres [inches in brackets]

Tolerance: ±1mm [0.04"]

03013238141 (4000K)



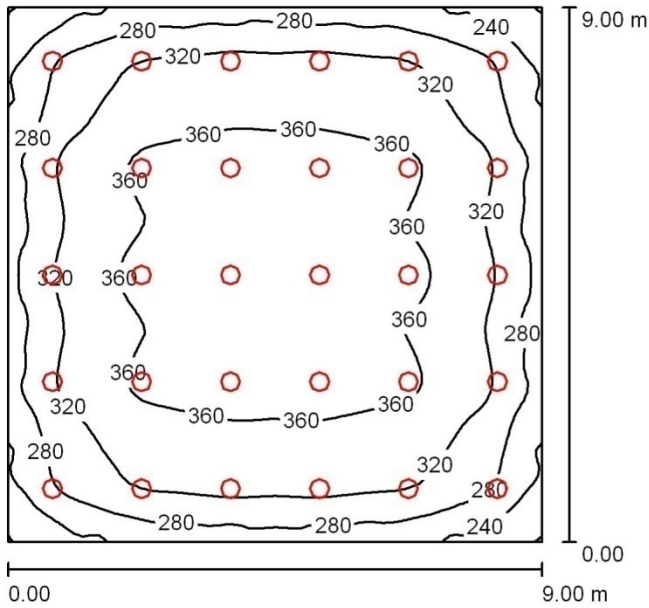
cd/klm

— C0 - C180

— C90 - C270

$\eta = 100\%$

03013238141 (4000K)



Height of Room: 2.700 m, Mounting Height: 2.700 m, Maintenance factor: 0.80

Values in Lux, Scale 1:116

Surface	ρ [%]	E _{av} [lx]	E _{min} [lx]	E _{max} [lx]	u0
Workplane	/	325	198	382	0.609
Floor	20	289	177	344	0.612
Ceiling	70	88	70	820	0.794
Walls (4)	50	197	129	304	/

Workplane:

Height: 0.850 m
 Grid: 64 x 64 Points
 Boundary Zone: 0.000 m

UGR

Left Wall 20
 Lower Wall 20
 (CIE, SHR = 0.25.)

Lengthways-

20
 20

Across

20
 20

to luminaire axis

Luminaire Parts List

No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	30	Luxuni Romeo-32-30/38 4000K (1.000)	1271	1275	15.0
			Total: 38120	Total: 38250	450.0

Specific connected load: 5.56 W/m² = 1.71 W/m²/100 lx (Ground area: 81.00 m²)

Basic



Attention please!
The electrical installation should be carried out only by qualified personnel.
Achtung!
Die Installation dieser Leuchte darf nur durch einen Fachmann erfolgen!

a

b

1	2	3	Current	Power
○	○	○	150mA	9W
●	○	○	250mA	13W
○	●	○	300mA	15W
○	○	●	350mA	17W
●	○	○	400mA	19W
●	○	●	450mA	21W
○	●	●	500mA	24W
●	●	●	600mA	28W

c

3 N ≠ 1 2
1-10V
L N G + -
L (Brown/Black)
N (Blue/White)
G (Green and yellow)

d


② Turn it until you hear "click"
Bitte drehen, bis es "klickt"

e

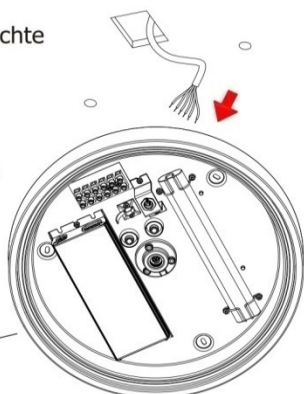
f

The led light source in the light module of this luminaire is not replaceable, when the led light source reaches its end of life the light module shall be replaced.
Die im Lichtelement verbauten LEDs sind nicht austauschbar, ist ihre Lebensdauer beendet, kann das ganze Lichtelement ausgetauscht werden.

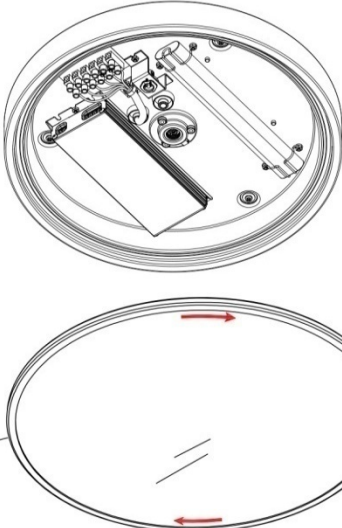
Emergency



Achtung!
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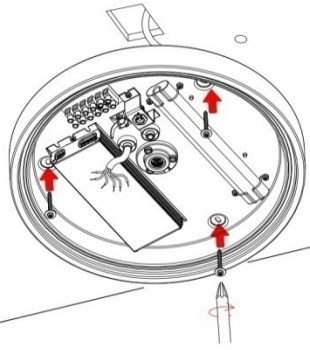
a



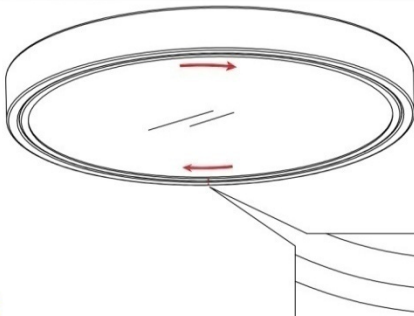
d

② Turn it until you hear "click"
Bitte drehen, bis es "klickt"

① ↑

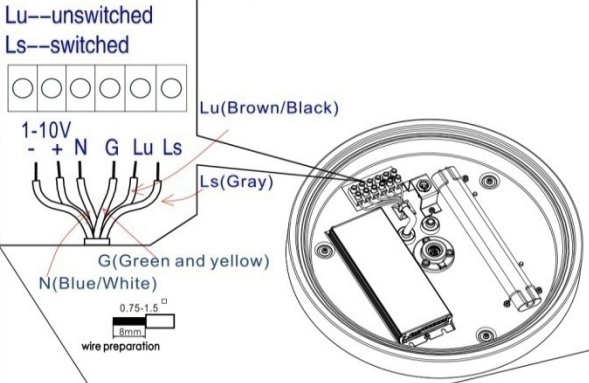


b

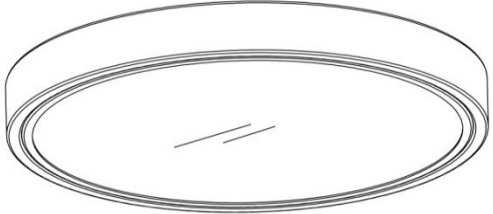


e

Lu--unswitched
Ls--switched



c

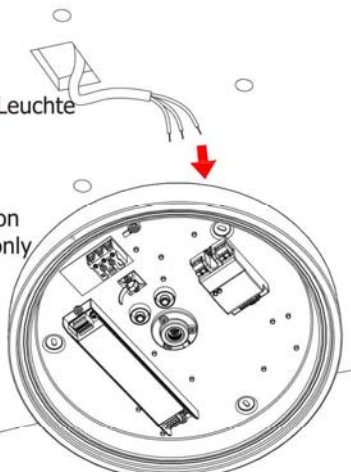


f

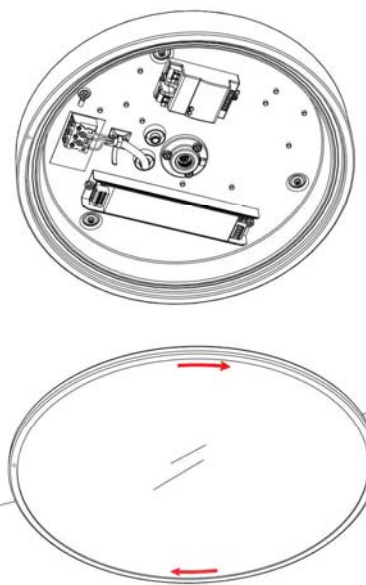
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Die im Lichtelement verbauten LEDs sind nicht austauschbar, ist ihre Lebensdauer beendet, kann das ganze Lichtelement ausgetauscht werden.

Motion & Daylight Sensor

⚠
Achtung!
 Die Installation dieser Leuchte darf nur durch einen Fachmann erfolgen!
Attention please!
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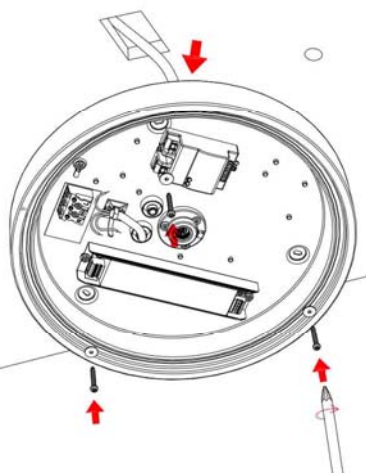


a

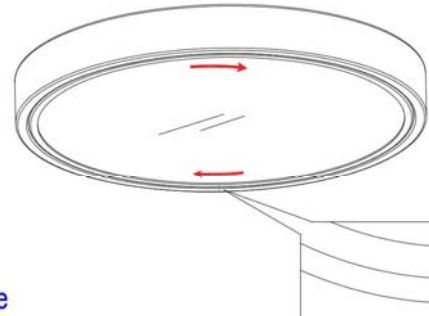


d

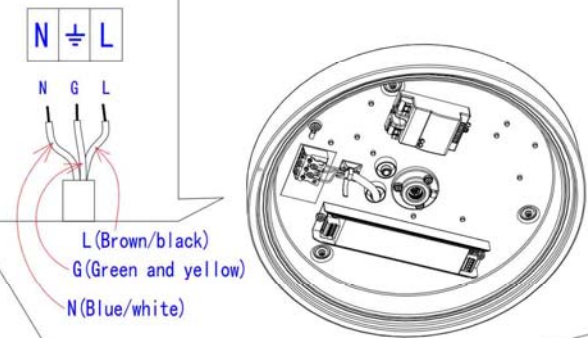
② Turn it until you hear "click"
 ① Bitte drehen, bis es "klickt"



b

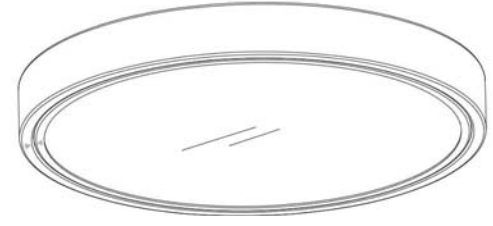


e



c

L (Brown/black)
 G (Green and yellow)
 N (Blue/white)



f

The led light source in the light module of this luminaire is not replaceable, when the led light source reaches its end of life the light module shall be replaced.
 Die im Lichtelement verbauten LEDs sind nicht austauschbar, ist ihre Lebensdauer beendet, kann das ganze Lichtelement ausgetauscht werden.

Emergency + Motion & Daylight Sensor

a

Achtung!
Die Installation dieser Leuchte darf nur durch einen Fachmann erfolgen!
Attention please!
The electrical installation should be carried out only by qualified personnel.

d

② Turn it until you hear "click"
① Bitte drehen, bis es "klickt"

b

e

c

3 N 1 2

Lu N G Ls

G (Green and yellow)
Lu (Brown/black)
N (Blue/white)
Ls (Black/gray)

f

The led light source in the light module of this luminaire is not replaceable, when the led light source reaches its end of life the light module shall be replaced.
Die im Lichtelement verbauten LEDs sind nicht austauschbar, ist ihre Lebensdauer beendet, kann das ganze Lichtelement ausgetauscht werden.

Motion & daylight sensor + RF wireless

⚠
Achtung!
 Die Installation dieser Leuchte darf nur durch einen Fachmann erfolgen!
Attention please!
 The electrical installation should be carried out only by qualified personnel.

a

d

② Turn it until you hear "click"
 Bitte drehen, bis es "klickt"

① ↑

b

e

c

L(Brown/Black)
 G(Green and yellow)
 N(Blue/White)
 0.75-1.5 cm
 wire preparation

f

The led light source in the light module of this luminaire is not replaceable, when the led light source reaches its end of life the light module shall be replaced.
 Die im Lichtelement verbauten LEDs sind nicht austauschbar, ist ihre Lebensdauer beendet, kann das ganze Lichtelement ausgetauscht werden.

Emergency + Motion & daylight sensor + RF wireless

⚠
Achtung!
 Die Installation dieser Leuchte darf nur durch einen Fachmann erfolgen!
Attention please!
 The electrical installation should be carried out only by qualified personnel.

a

d

② Turn it until you hear "click"
 Bitte drehen, bis es "klickt"

①

b

e

Lu--unswitched
 Ls--switched

3	N	≠	1	2
N	G	Lu	Ls	

Lu(Brown/Black)
 Ls(Gray)
 G(Green and yellow)
 N(Blue/White)

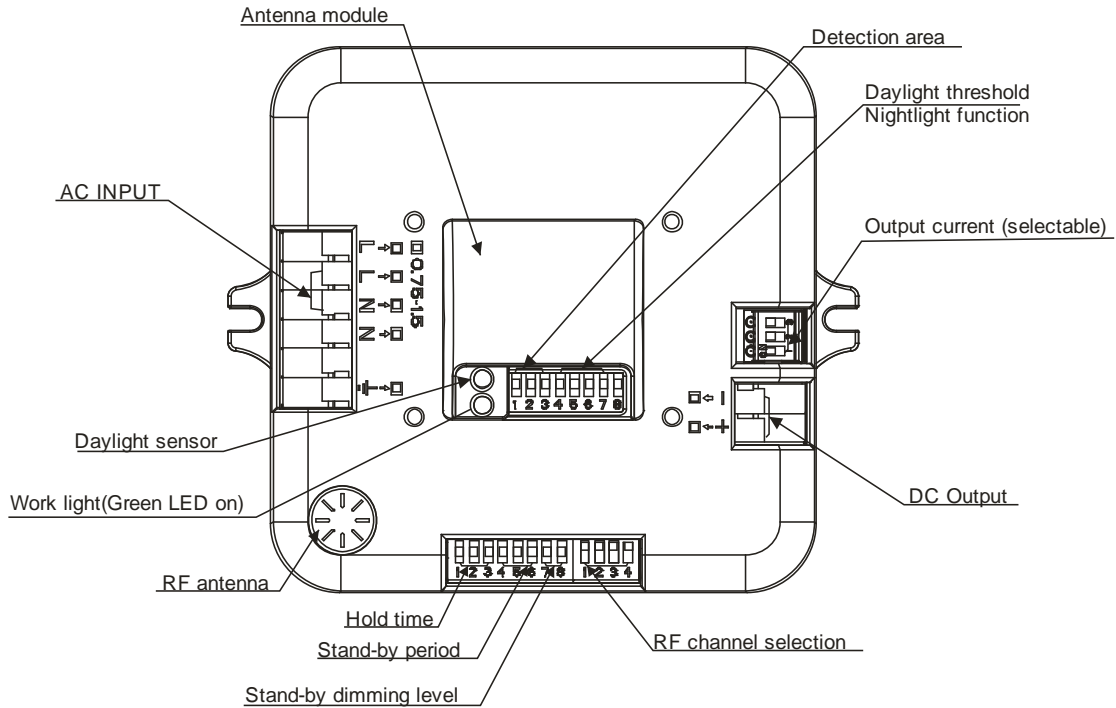
0.75-1.5 mm wire preparation

c

f

The led light source in the light module of this luminaire is not replaceable, when the led light source reaches its end of life the light module shall be replaced.
 Die im Lichtelement verbauten LEDs sind nicht austauschbar, ist ihre Lebensdauer beendet, kann das ganze Lichtelement ausgetauscht werden.

**Motion & daylight sensor + RF wireless
(For luminaires with RF wireless)**



ON	1	2	3	
	ON	ON	ON	100%
	-	ON	ON	75%
	ON	-	ON	50%
	-	-	ON	25%
-	-	-		10%

Detection area

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

ON	4	5	6	7	8	
	ON	ON	ON	ON	ON	Disable
	-	ON	ON	ON	ON	100lux
	ON	-	ON	ON	ON	50lux
	-	-	ON	ON	ON	35lux
	-	-	-	ON	ON	10lux
	-	-	-	-	ON	2lux

Daylight threshold*

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.


Important: The dip switch no. 8 is on "on".

100lux, 50lux, 35lux: twilight operation, 10lux, 2lux: darkness operation only.

Note that daylight sensor is active only when lamp totally switches off.

Motion & daylight sensor + RF wireless

(For luminaires with RF wireless)

	4	5	6	7	8	open	close
ON 	ON	ON	ON	ON	-	40lux	150lux
	-	-	ON	ON	-	10lux	50lux
	ON	-	ON	ON	-	5lux	40lux
	-	-	-	ON	-	2lux	20lux

Night light sensor function*

When ambient brightness is over close lux level, load will be switched off automatically even if motion detected; When ambient brightness is below open lux level, load will be switched on even if no motion detected.


Important: The dip switch no. 8 is on "off".

*Daylight threshold and Night/light function is set via the same 4 dip switches, and cannot operate simultaneously.

Output Current/Voltage


Multi-output current from 300mA to 700mA.

Output current 300mA/350mA/450mA/600mA/700mA selectable by dip switches.

	1	2	3		
ON 	ON	ON	ON	700mA	11-27.2V
	ON	-	ON	600mA	11-27.2V
	-	ON	ON	450mA	11-40.8V
	-	-	ON	350mA	11-54.5V
				300mA	11-61.2V


Hold time

Refers to the time period the lamp remains at 100% illumination after no motion detected.

	1	2	3	
ON 	ON	ON	ON	5S
	-	ON	ON	30S
	ON	-	ON	90S
	-	-	ON	3min
	ON	ON	-	20min
	-	-	-	30min


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 "+∞", the low light is maintained until motion is detected.

	4	5	6	
ON 	ON	ON	ON	0S
	-	ON	ON	5min
	ON	-	ON	10min
	-	-	ON	30min
	ON	ON	-	1H
	-	-	-	+∞

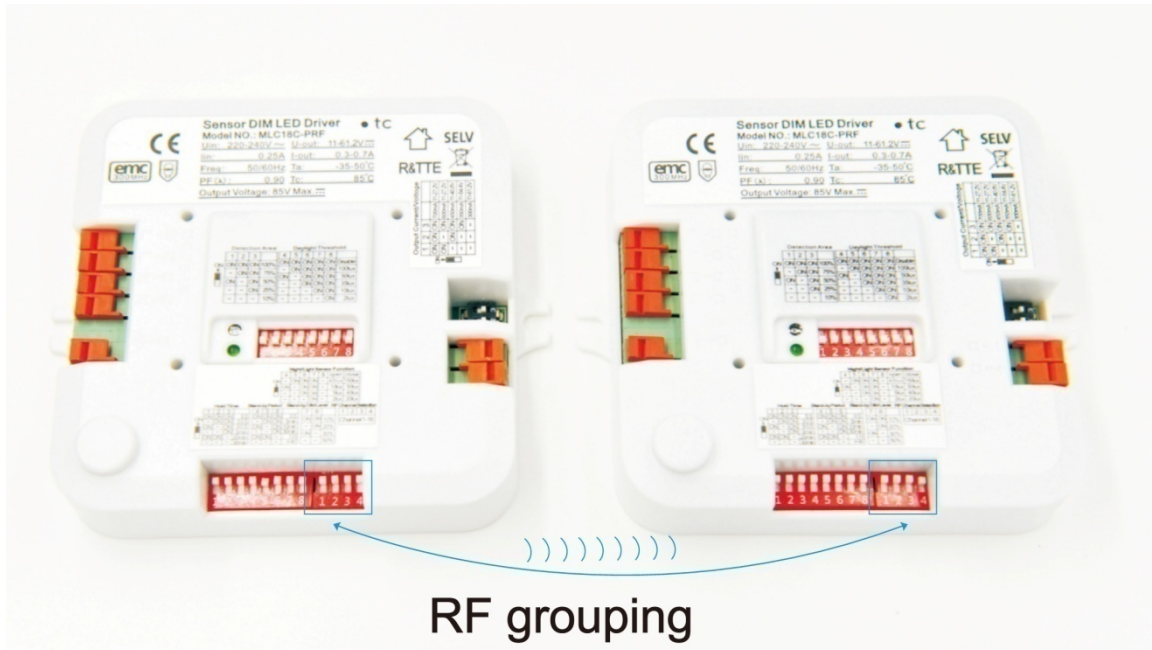
Stand-by dimming level

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

	7	8	
ON 	ON	ON	10%
	-	ON	20%
	ON	-	30%
	-	-	50%

ROMEO

**Motion & daylight sensor + RF wireless
(For luminaires with RF wireless)**



	1	2	3	4	Channel
1	-	-	-	-	1 channel
2	-	-	-	ON	2 channel
3	-	ON	-	-	3 channel
4	-	-	ON	ON	4 channel
5	-	ON	-	-	5 channel
6	-	ON	-	ON	6 channel
7	-	ON	ON	-	7 channel
8	-	ON	ON	ON	8 channel
9	ON	-	-	-	9 channel
10	ON	-	-	ON	10 channel
11	ON	-	ON	-	11 channel
12	ON	-	ON	ON	12 channel
13	ON	ON	-	-	13 channel
14	ON	ON	-	ON	14 channel
15	ON	ON	ON	-	15 channel
16	ON	ON	ON	ON	16 channel

RF Channel Selection

RF wireless net working, up to 16 different groups, set exact same configuration in each driver then can communicate with each other.



Office building



Hotel



School



Health Care



Home



Shop

