

PHILIPS

Ledinaire
Wall mounted

WL070V

3X
ST3.9 x 25

6X
Screw cover

CE

D

indoor

outdoor

IP65

IK08

Ta
25 °C

Max.
40 °C
Min.
-20 °C

GLOW
WIRE
850 °C

	CCT(K)	Lumen (lm)	Light source of energy efficiency class	P(W)	Driver	Options	220V 240V	50Hz 60Hz	kg	
WL070V LED11S	3000/4000	1100	D	11	PSU	NA	•	•	0.58	
WL070V LED17S		1700	E	17		NA				
		1700	E	19		MDU				

Dimensions in mm

Side view dimensions: 285 mm (width), 64 mm (height).
Top view dimensions: 173 mm (outer diameter), 150 mm (inner diameter), 87 mm (mounting hole diameter), 21 mm (mounting hole offset), 35 mm (mounting hole offset).

ATTENTION
OBSERVE PRECAUTIONS
FOR HANDLING
ELECTROSTATIC
SENSITIVE
DEVICES

- The luminaire shall be installed by a qualified electrician and wired in accordance with the latest IEE electrical regulations or the national requirements.
- This luminaire is not suitable for use as emergency lighting. The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.
- For use in environments where an accumulation of conductive dust on the luminaire may be expected.
- For outdoor operation at a building: only when all its cables run indoor, with a maximum distance of 10 meter

Inrush current

Electrical characteristics

	LED11S	LED17S
Imax (A)	10	13
Tref (µs)	1.9	2.2
MCB	Luminaires Max.	
B-10 A	22	22
B-13 A	28	28
B-16 A	35	35
C-10 A	36	36
C-13 A	46	46
C-16 A	57	57

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Printed in China
Data subject to change without notice
Keep for future reference: www.philips.com/lighting

1

2

3

4

5

Min. H05RN-F 2x1,00 mm²
Max. H05RN-F 2x1,50 mm²
Ø6-Ø10 mm

Max. 10 luminaires.

3X
ST3.9 x 25

0.5Nm

0.5Nm

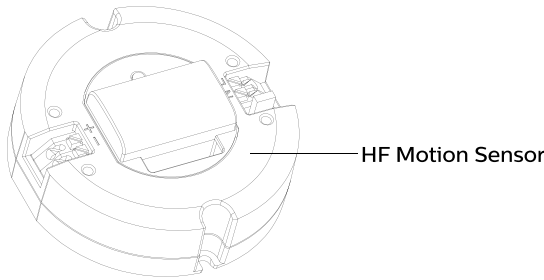
ST3.9x12

Mount in place flat to the side plane of the base,
not higher than the plane as shown in the view

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HF Motion Sensor (For WL070V LED17S MDU only)

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



	1	
I	ON	100%
II	-	50%

Detection area. (default 100%) show patterns.
Detection area can be reduced by selecting the combination on the DIP switches to fit precisely each application.

	2	3	
I	ON	ON	5S
II	ON	-	1min
III	-	ON	5min
IV	-	-	10min

Hold time. (default 5 min.)
Refers to the time period the lamp remains at 100% illumination after no motion detected

	4	5	
I	ON	ON	5Lux
II	ON	-	25Lux
III	-	ON	50Lux
IV	-	-	Disable*

Daylight sensor. (default 25 lux.)
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.
50 lux: twilight operation, 5 lux: darkness operation only.

	8	
I	ON	10%
II	-	25%

Stand-by dimming level. (default 25%)
The low light level you would like to have after the hold time in the long absence of people.

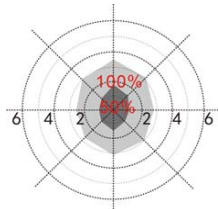
	6	7	
I	ON	ON	0S
II	ON	-	1min
III	-	ON	10min
IV	-	-	+∞

Stand-by period. (default 10 min.)
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.

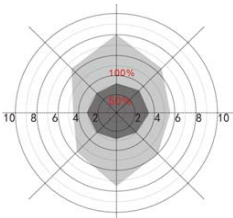
Detection area(radiaion pattern)

Ceiling mounting

Ceiling mounted height: 3m
Sensitivity: 100%/50%

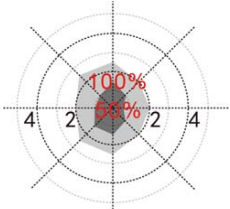


Normal moving (Speed:1m/s)

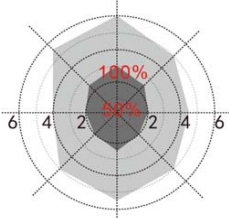


Slow moving (Speed 0.3m/s)

Ceiling mounted height: 6m
Sensitivity:100%/50%



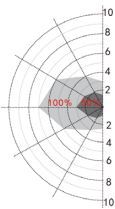
Normal moving (Speed:1m/s)



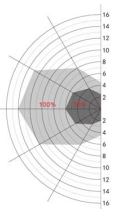
Slow moving (Speed: 0.3m/s)

Wall mounting:

Horizon mounted height: 2m
Sensitivity: 100%/50%



Normal moving (Speed: 1m/s)



Slow moving (Speed 0.3m/s)

- Notes:**
- The Ledinaire Wall-mounted needs to be installed side-by-side in the same direction. The distance between each of the luminaires should be kept at least 3m to avoid mutual interference.
 - Please pay attention to the installation environment:
 - Avoid high-density objects such as: metal, glass, concrete walls, etc., within the sensor detection area.
 - Avoid moving signals within the sensor detection area such as: fan, DC motor, sewer pipe, air outlet, heavy rainfall, motion behind a thin wall etc. This to avoid false triggers of the sensor.
 - Avoid shock & vibration in the environment of the application.
 - In order to reach the common sensor distance the object move speed should be less than 1m/S . If an object moves with speed higher than 1m/s the detection distance will decrease.
 - It is advised not to install a luminaire on a wooden surface. In case it must be installed on a wooden surface, the wood thickness must be more than 15cm.
 - To avoid smaller detection range or abnormal operation, the Ledinaire Wall-mounted should not be installed in close distance to large areas of metal and glass (separation distance at least 1 m). Please reduce detection area setting or contact Signify to confirm the situation once the Ledinaire Wall-mounted works fails.

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