



### Features

- Surface mounted LED diffused batten
- Slim body design 72mm wide
- Power saving
- Long life LED up to 50,000 hrs by maintaining >70% flux in accordance to LM80 standards
- SELV compliant
- EMC compliant to 300Mh
- Suitable for emergency pack
- Casing compliant to salt-spray test 500hrs (optional)
- Motion sensor with step-dimmed available
- IP54 lamp compartment

### Applications

- General applications
- Corridors
- Offices
- Schools

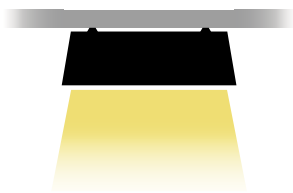
### Options

- Sensor

### Standards

- Manufactured under ISO 9001:2015 to standards
- IEC/AS/NZS 60598.1
- IEC/AS/NZS 60598.2.1
- IEC/AS/NZS CISPR 15

### Mounting Methods



Surface mounted





## Specifications

### Standard

Model	HDS210RBLyK	HDS220RBLyK	HDS420RBLyK	HDS435RBLyK
Nominal Power (W)	10	20	20	35
Input Voltage	220 - 240 VAC 50 / 60 Hz			
Luminous Flux (lm)	1550	2040	3160	4430
Efficacy (lm/W)	155	102	158	127
CRI	> 80			
Power Factor	> 0.90			
Beam Angle (°)	> 180			
Colour Temp. (K)	3000 / 4000 / 6500			
Rated Life L70B50 (hr)	50,000			
Ambient Temp. $t_a$ (°C)	35			
Weight (kg)	1.9	1.9	3.2	3.2

"y" denotes CCT, 3 = 3000K ; 4 = 4000K ; 6 = 6500K

### Motion Sensor

Model	HDS210RBLyK-z	HDS220RBLyK-z	HDS420RBLyK-z	HDS435RBLyK-z
Nominal Power (W)	10	20	20	35
Input Voltage	220 - 240 VAC 50 / 60 Hz			
Luminous Flux (lm)	1550	2040	3160	4430
Efficacy (lm/W)	155	102	158	127
CRI	> 80			
Power Factor	> 0.90			
Beam Angle (°)	> 180			
Colour Temp. (K)	3000 / 4000 / 6500			
Rated Life L70B50 (hr)	50,000			
Motion Sensor Type	PIR			
Detection Range (m)	6m diameter from 3m height			
Ambient Temp. $t_a$ (°C)	35			
Weight (kg)	1.9	1.9	3.2	3.2

"y" denotes CCT, 3 = 3000K ; 4 = 4000K ; 6 = 6500K

"z" denotes sensor feature, S11 = Dimming only ; S12 = On/off only ; S13 = Dimming & on/off

## Catalogue Number

### Standard

- HDS210RBLyK
- HDS220RBLyK
- HDS420RBLyK
- HDS435RBLyK

"y" denotes CCT, 3 = 3000K ; 4 = 4000K ; 6 = 6500K

### Motion Sensor (Optional)

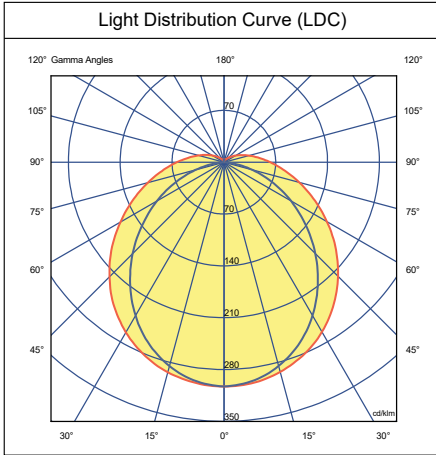
- HDS210RBLyK-z
- HDS220RBLyK-z
- HDS420RBLyK-z
- HDS435RBLyK-z

"y" denotes CCT, 3 = 3000K ; 4 = 4000K ; 6 = 6500K

"z" denotes sensor feature, S11 = Dimming only ;  
S12 = On/off only ;  
S13 = Dimming & on/off

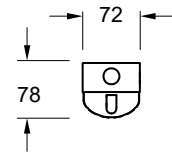
## Lighting Data

HDS420RBL4K

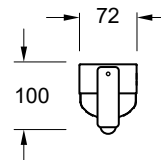
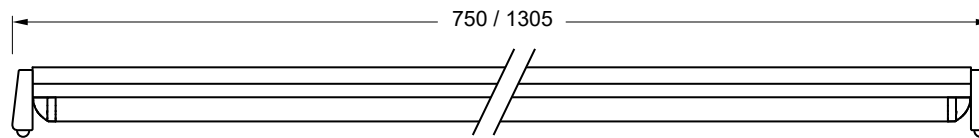


## Dimensions

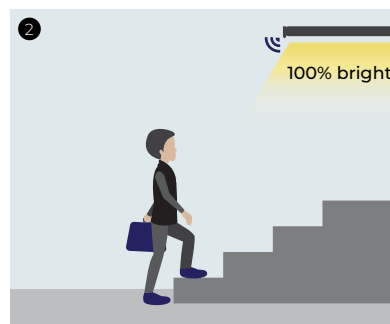
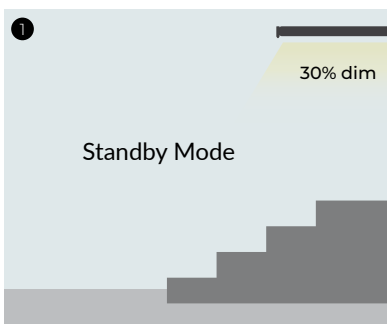
HDS210RBLyK / HDS220RBLyK / HDS420RBLyK / HDS435RBLyK



HDS210RBLyK-z / HDS220RBLyK-z / HDS420RBLyK-z / HDS435RBLyK-z



## Motion Sensor



1. The light dims to 30% in standby mode when no motion is detected.

2. When people approaching, sensor detects motion and the light ramps up to 100%.



Motion Sensor

