

# LeKise

## LED Linear Waterproof Light - LineVision™

A full range of IP65 LED linear waterproof light delivers users an outstanding performance, energy saving and light quality in dusty and wet environments. With LED technology, LineVision™ offers extremely low operation cost plus maintenance free advantage. Its construction made of high impact resistant polycarbonate polymer, no rust and no fragile part inside make this suitable for rough service. LineVision™ Series is the real choice for any energy saving proposal to any factory, building energy manager.



### Features

- ✓ Suitable to replace traditional 3ft., 4ft. and 5ft. Fluorescence tube fixture
- ✓ Highly efficient & high brightness 2835 LEDs significantly reduce power consumption and extra saving from maintenance free
- ✓ Replacable LED module with simple tools and easy steps when it is needed
- ✓ IK08 rated impact resistant Polycarbonate lamp body and diffuser for rough service
- ✓ Emergency version is available with built-in Li-Cd battery for 3hours back up
- ✓ Operating ambient: -20°C to +50°C, 10 to 95%RH
- ✓ Compatible with LeKise SenseMini™/SenseMini™ Dim - Microwave Motion Sensor for extra energy saving from occupancy based On/Off and dimming operations
- ✓ Safety and environmental standards recognition
- ✓ 3 years limited warranty

### Applications

- ✓ Industrial Plants
- ✓ Warehouses
- ✓ Storage Areas
- ✓ Cold Storage
- ✓ Car Wash Area
- ✓ Multistory Car Park



### LineVision™ S1



11.5W

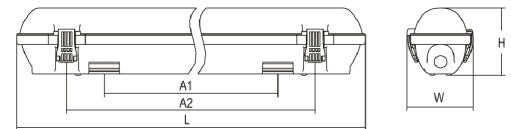


23W



Dimensions Table (Unit: mm)

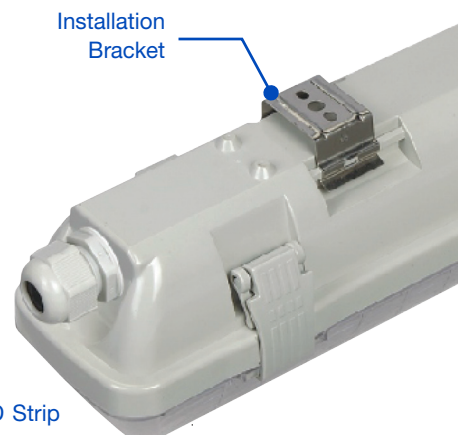
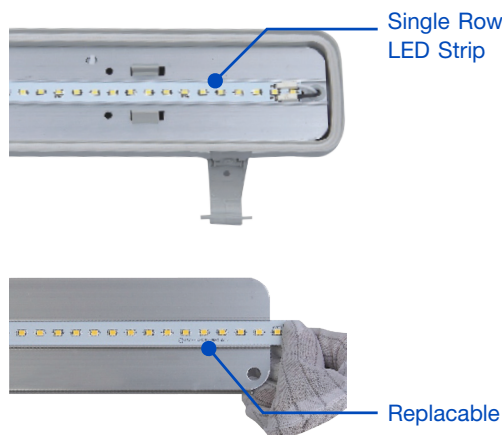
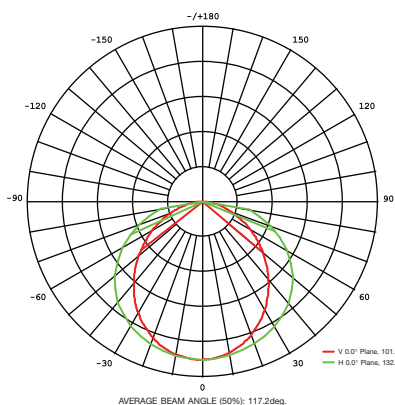
Product	Power	A1	A2	L	W	H
IN-LVS1/11W5	11.5W	420	530	655	89	92
IN-LVS1/023W	23W	900	1010	1265	89	92
IN-LVS1/030W	30W	1000	1110	1565	89	92

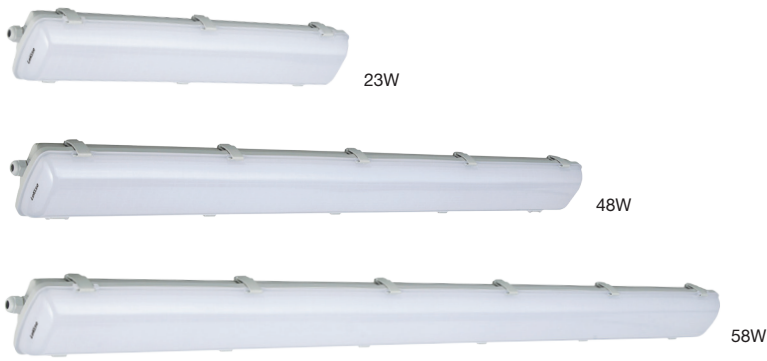


Product Main Description	Input Voltage	System Power	Power Factor	No. of LEDs	Initial Delivered Lumen		CRI (Ra)	LED Life Span @L70 <sup>1</sup> (hrs)	NW. (kg)	Q'ty/ Carton (pcs.)
					4000K	6500K				
<b>LineVision™ S1</b>										
IN-LVS1/11W5	AC220-240V	11.5W	≥0.9	56pcs	1000	1100	≥80	>30,000	0.8	12
IN-LVS1/023W	AC220-240V	23W	≥0.9	119pcs	2000	2100	≥80	>30,000	1.5	8
IN-LVS1/030W	AC220-240V	30W	≥0.9	154pcs	2500	2700	≥80	>30,000	1.9	6

<sup>1</sup>Based on IES LM-80-08 report from LED's manufacturer and IES TM-21-11 calculation. Contact LeKise's representative for more information.

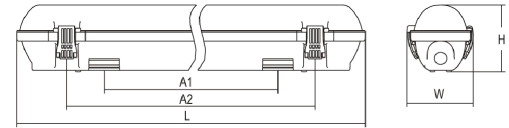
### Photometric Data





Dimensions Table (Unit: mm)

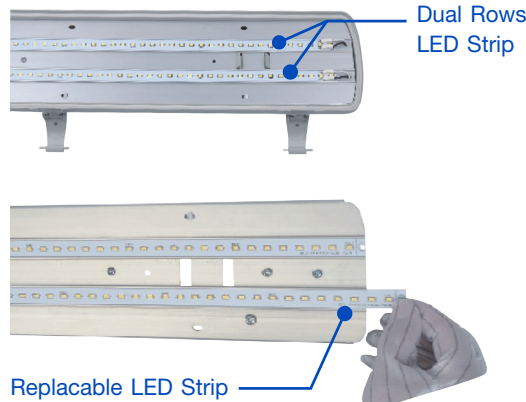
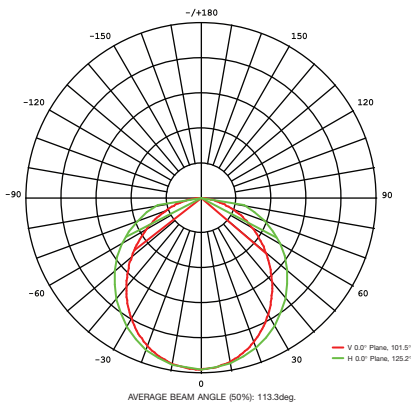
Product	Power	A1	A2	L	W	H
IN-LVS2/023W	23W	420	530	655	130	92
IN-LVS2/048W	48W	900	1010	1265	130	92
IN-LVS2/058W	58W	1000	1110	1565	130	92



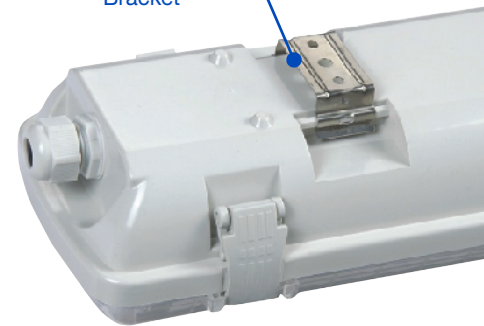
Product Main Description	Input Voltage	System Power	Power Factor	No. of LEDs	Initial Delivered Lumen 4000K	Initial Delivered Lumen 6500K	CRI (Ra)	LED Life Span @L70 <sup>1</sup> (hrs)	NW. (kg)	Q'ty/ Carton (pcs.)
<b>LineVision™ S2</b>										
IN-LVS2/023W	AC220-240V	23W	≥0.9	112pcs	2000	2100	≥80	>30,000	1.2	8
IN-LVS2/048W	AC220-240V	48W	≥0.9	238pcs	4000	4500	≥80	>30,000	2.0	6
IN-LVS2/058W	AC220-240V	58W	≥0.9	308pcs	5000	5500	≥80	>30,000	2.7	4

<sup>1</sup>Based on IES LM-80-08 report from LED's manufacturer and IES TM-21-11 calculation. Contact LeKise's representative for more information.

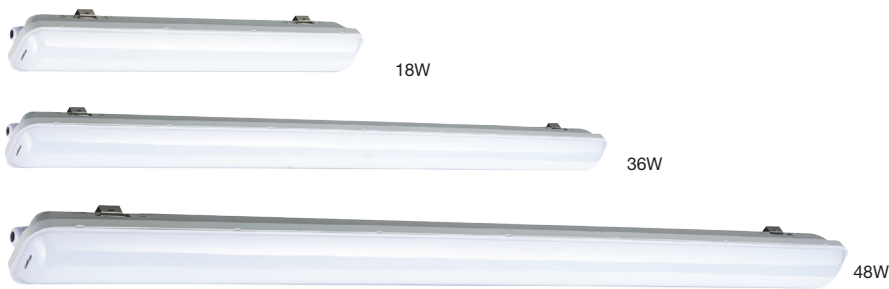
Photometric Data



Installation Bracket



LineVision™ S3

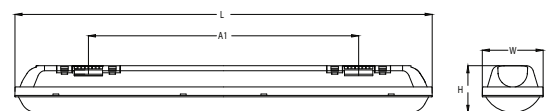


Product Highlight

- ✓ No clip design
- ✓ Thin lamp body and smooth diffuser profile
- ✓ No compromise of IP65 & IK08 protection
- ✓ Excellent Light Distribution

Dimensions Table (Unit: mm)

Product	Power	A1	L	W	H
IN-LVS3/018W	18W	420	590	86	66
IN-LVS3/036W	36W	900	1180	86	66
IN-LVS3/048W	48W	1000	1480	86	72



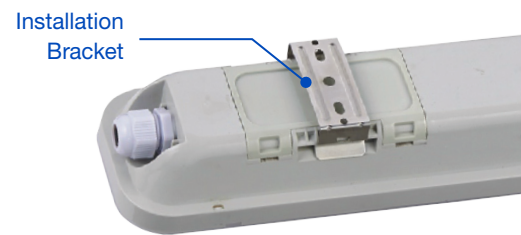
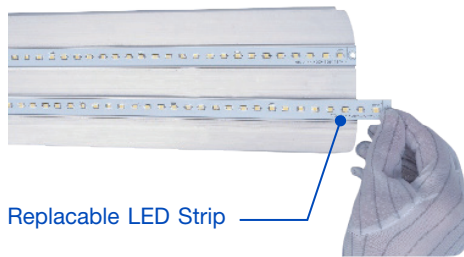
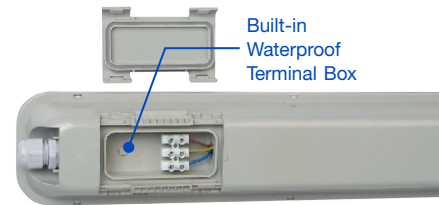
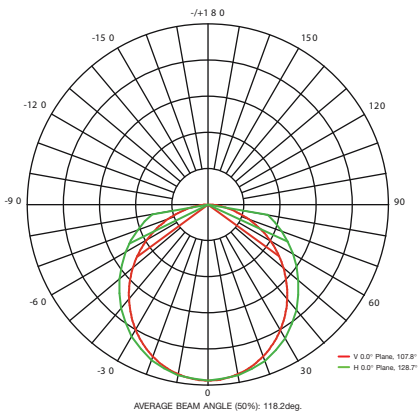
“Slim Smooth Perfection”



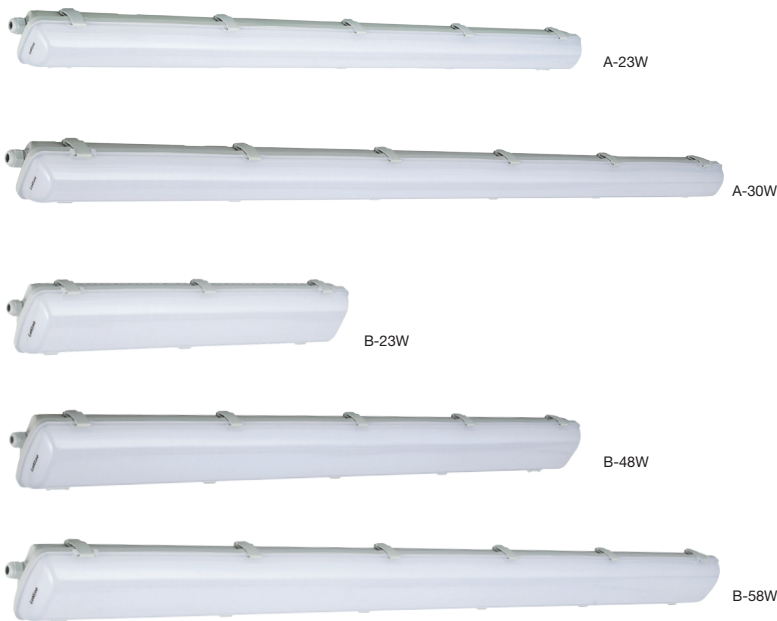
Product Main Description	Input Voltage	System Power	Power Factor	No. of LEDs	Initial Delivered Lumen 4000K	Initial Delivered Lumen 6500K	CRI (Ra)	LED Life Span @L70 <sup>1</sup> (hrs)	NW. (kg)	Q'ty/ Carton (pcs.)
<b>LineVision™ S3</b>										
IN-LVS3/018W	AC220-240V	18W	≥0.9	96pcs	1500	1700	≥80	>30,000	0.7	12
IN-LVS3/036W	AC220-240V	36W	≥0.9	192pcs	3000	3400	≥80	>30,000	1.2	8
IN-LVS3/048W	AC220-240V	46W	≥0.9	288pcs	4000	4500	≥80	>30,000	1.5	8

<sup>1</sup>Based on IES LM-80-08 report from LED's manufacturer and IES TM-21-11 calculation. Contact LeKise's representative for more information.

Photometric Data



LineVision™ Emergency

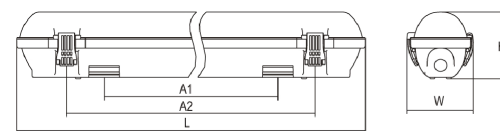


Product Highlight

- ✓ Built-in Over Charging Protection
- ✓ Built-in Ni-Cd Battery Pack with high temperature rating up to 70°C  
Up to 3hours backup time during power failure scenario
- ✓ LED indicator display Charge/Discharge Mode
- ✓ Suitable for operating temperature: -20°C to +50°C

Dimensions Table (Unit: mm)

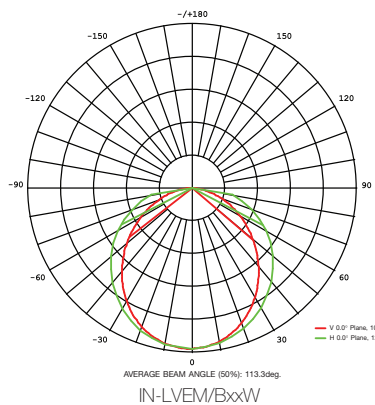
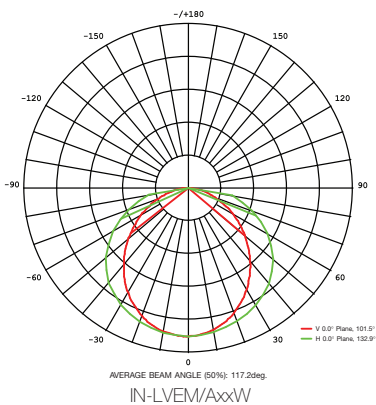
Product	Power	A1	A2	L	W	H
IN-LVEM/A23W	23W	900	1010	1265	89	92
IN-LVEM/A30W	30W	1000	1110	1565	89	92
IN-LVEM/B23W	23W	420	530	655	130	92
IN-LVEM/B48W	48W	900	1010	1265	130	92
IN-LVEM/B58W	58W	1000	1110	1565	130	92



Product Main Description	Input Voltage	System Power	Power Factor	No. of LEDs	CCT (K)	CRI (Ra)	Initial Delivered Lumen	LED Life Span @L70 <sup>1</sup> (hrs)	NW. (kg)	Q'ty/Carton (pcs.)
<b>LineVision™ EM</b>										
IN-LVEM/A20W	AC220-240V	23W	≥0.9	119pcs	6500	≥80	2100	>30,000	1.5	8
IN-LVEM/A30W	AC220-240V	30W	≥0.9	154pcs	6500	≥80	2700	>30,000	1.9	6
IN-LVEM/B23W	AC220-240V	23W	≥0.9	112pcs	6500	≥80	2100	>30,000	1.2	8
IN-LVEM/B48W	AC220-240V	48W	≥0.9	238pcs	6500	≥80	4500	>30,000	2.0	6
IN-LVEM/B58W	AC220-240V	58W	≥0.9	308pcs	6500	≥80	5500	>30,000	2.7	4

<sup>1</sup>Based on IES LM-80-08 report from LED's manufacturer and IES TM-21-11 calculation. Contact LeKise's representative for more information.

Photometric Data





# SenseMini™/SenseMini™ Dim - Miniature Microwave Motion Sensor Series



## Features

- ✓ 5.8GHz-ISM Band <0.2mW, CW-Radar technology with ambient light sensor
- ✓ Using Zero Voltage Crossing Triggering Tehnology for effective and safe operation
- ✓ Ceiling and Wall Surface-Mount versions are available
- ✓ SenseMini™ offers On/Off control with adjustable ambient light threshold
- ✓ SenseMini™ Dim offers On/Off with factory-preset ambient light threshold and 1-10V dimming control (4 levels: 10%, 20%, 30%, 100%)
- ✓ IP20 protection rating
- ✓ Operating conditions: 0°C to +60°C @Full load
- ✓ Safety and environmental standards recognition
- ✓ 5 years limited warranty



## SenseMini™



2910022



2910023

## SenseMini™ Dim



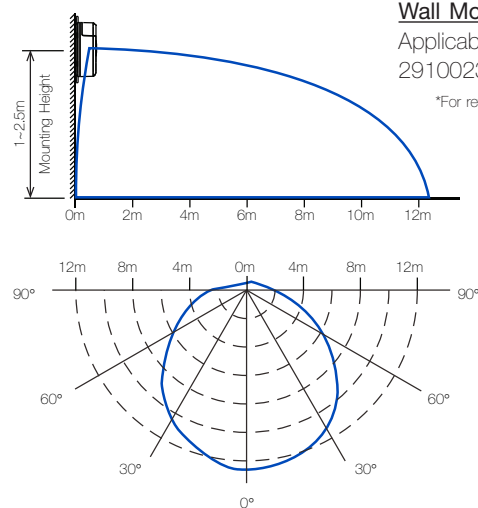
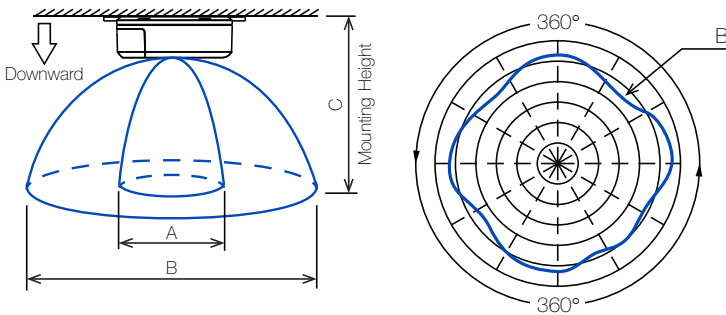
2910024



2910025

SKU No.	Input Voltage/Frequency	Standby Power	Load Capacity	Installation Height		Detection Coverage		Ambient Light Threshold	Q'ty/ Carton	GW. (kg)
				Ceiling	Wall	Ceiling	Wall			
<b>SenseMini™</b>										
2910022	AC230±10%/50-60Hz	≤1W	10A@AC277V	2~3m	-	φ4~10m	-	10-∞ lx (Adjustable)	50 pcs.	5.5
2910023	AC230±10%/50-60Hz	≤1W	10A@AC277V	2~5m	1~2.5m	φ2~8m	3~12m	10-∞ lx (Adjustable)	50 pcs.	5.5
<b>SenseMini™ Dim</b>										
2910024	AC230±10%/50-60Hz	≤1W	10A@AC277V	2~3m	-	φ4~10m	-	10 lx (Fixed)	50 pcs.	5.5
2910025	AC230±10%/50-60Hz	≤1W	10A@AC277V	2~5m	1~2.5m	φ2~8m	3~12m	10 lx (Fixed)	50 pcs.	5.5

## Typical Detection Coverage Characteristics



### Wall Mount

Applicable for SKU No. 2910023, 2910025

\*For reference only

### Ceiling Mount

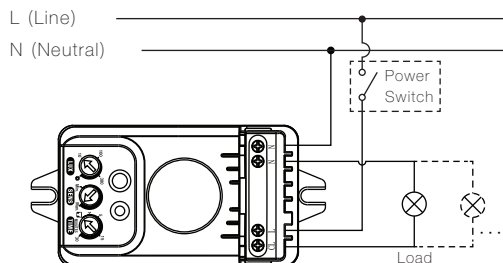
SKU No.	A*	B*	C*
2910022, 2910024	φ4m	φ10m	2~3m
2910023, 2910025	φ2m	φ8m	2~5m

\*For reference only

## Wiring Diagram

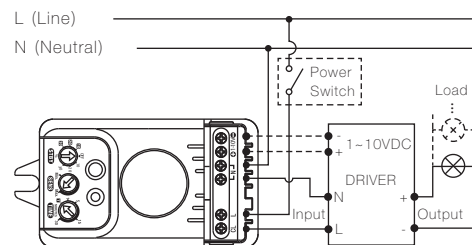
### SenseMini™

SKU No. 2910022, 2910023



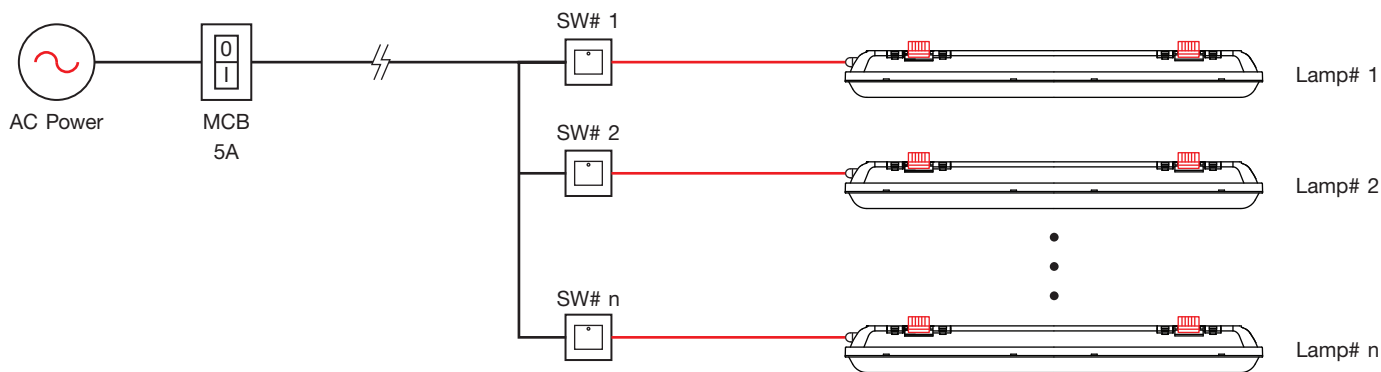
### SenseMini™ Dim

SKU No. 2910024, 2910025

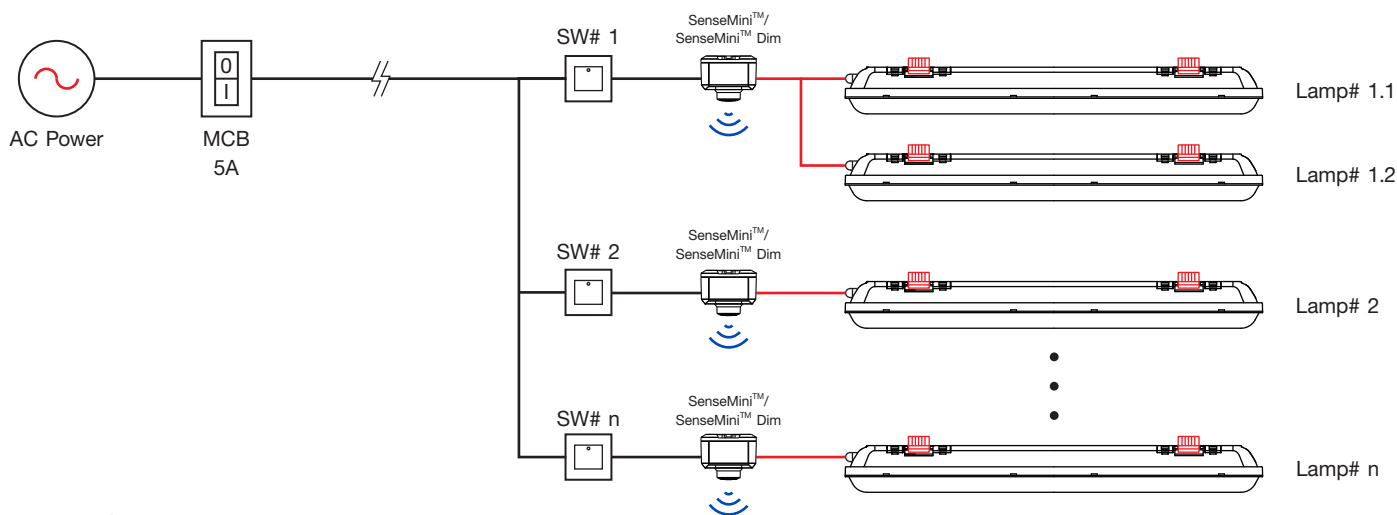


## Wiring Diagram

### 1. Direct Power Connection



### 2. Wiring with Microwave Motion Sensor (SenseMini™/SenseMini™ Dim)



## Ordering information

Model	Series No.	System Power	Input Voltage	IP Rating	Diffuser Type	CRI Value	CCT	Optional Code
IN-LV	S1	11W5	220	IP65	TR	8	65	D
LineVision™	S1 = Series 1	11W5 = 11.5W	220 = AC220-240V,	IP65	TR =	8 = 80-89	40 = 4000K	D = Dimmable
	S2 = Series 2	023W = 23W	50-60Hz		Transperent		65 = 6500K	0-10V
	S3 = Series 3	030W = 30W			DF =			
	Sx = Series x	036W = 36W			Diffused Milky			
	EM = Emergency	048W = 48W						
		058W = 58W						

Product Code	Product Description	Inner Carton Dimension (mm)	Q'ty/Carton (pcs)	Outer Carton Dimension (mm)	Gross Weight (kg.)
<b>LineVision™ S1</b>					
2070001	IN-LVS1/11W5/220/IP65/DF/840	89 x 93 x 657	12	679 x 387 x 287	11.6
2070002	IN-LVS1/11W5/220/IP65/DF/865	89 x 93 x 657	12	679 x 387 x 287	11.6
2070003	IN-LVS1/11W5/220/IP65/TR/840	89 x 93 x 657	12	679 x 387 x 287	11.6
2070004	IN-LVS1/11W5/220/IP65/TR/865	89 x 93 x 657	12	679 x 387 x 287	11.6
2070005	IN-LVS1/023W/220/IP65/DF/840	89 x 93 x 1267	8	1288 x 200 x 376	13.7
2070006	IN-LVS1/023W/220/IP65/DF/865	89 x 93 x 1267	8	1288 x 200 x 376	13.7
2070007	IN-LVS1/023W/220/IP65/TR/840	89 x 93 x 1267	8	1288 x 200 x 376	13.7
2070008	IN-LVS1/023W/220/IP65/TR/865	89 x 93 x 1267	8	1288 x 200 x 376	13.7
2070009	IN-LVS1/030W/220/IP65/DF/840	89 x 93 x 1267	6	1588 x 200 x 287	13.1
2070010	IN-LVS1/030W/220/IP65/DF/865	89 x 93 x 1567	6	1588 x 200 x 287	13.1
2070011	IN-LVS1/030W/220/IP65/TR/840	89 x 93 x 1567	6	1588 x 200 x 287	13.1
2070012	IN-LVS1/030W/220/IP65/TR/865	89 x 93 x 1567	6	1588 x 200 x 287	13.1

Product Code	Product Description	Inner Carton Dimension (mm)	Q'ty/Carton (pcs)	Outer Carton Dimension (mm)	Gross Weight (kg.)
<b>LineVision™ S2</b>					
2070013	IN-LVS2/023W/220/IP65/DF/840	130 x 93 x 657	8	679 x 387 x 280	11.8
2070014	IN-LVS2/023W/220/IP65/DF/865	130 x 93 x 657	8	679 x 387 x 280	11.8
2070015	IN-LVS2/023W/220/IP65/TR/840	130 x 93 x 657	8	679 x 387 x 280	11.8
2070016	IN-LVS2/023W/220/IP65/TR/865	130 x 93 x 657	8	679 x 387 x 280	11.8
2070017	IN-LVS2/048W/220/IP65/DF/840	130 x 93 x 1267	6	1288 x 294 x 280	14.2
2070018	IN-LVS2/048W/220/IP65/DF/865	130 x 93 x 1267	6	1288 x 294 x 280	14.2
2070019	IN-LVS2/048W/220/IP65/TR/840	130 x 93 x 1267	6	1288 x 294 x 280	14.2
2070020	IN-LVS2/048W/220/IP65/TR/865	130 x 93 x 1267	6	1288 x 294 x 280	14.2
2070021	IN-LVS2/058W/220/IP65/DF/840	130 x 93 x 1567	4	1588 x 200 x 280	12.8
2070022	IN-LVS2/058W/220/IP65/DF/865	130 x 93 x 1567	4	1588 x 200 x 280	12.8
2070023	IN-LVS2/058W/220/IP65/TR/840	130 x 93 x 1567	4	1588 x 200 x 280	12.8
2070024	IN-LVS2/058W/220/IP65/TR/865	130 x 93 x 1567	4	1588 x 200 x 280	12.8
<b>LineVision™ S3</b>					
2070025	IN-LVS3/018W/220/IP65/DF/840	69 x 88 x 620	12	640 x 294 x 308	10.5
2070026	IN-LVS3/018W/220/IP65/DF/865	69 x 88 x 620	12	640 x 294 x 308	10.5
2070027	IN-LVS3/018W/220/IP65/TR/840	69 x 88 x 620	12	640 x 294 x 308	10.5
2070028	IN-LVS3/018W/220/IP65/TR/865	69 x 88 x 620	12	640 x 294 x 308	10.5
2070029	IN-LVS3/036W/220/IP65/DF/840	69 x 88 x 1210	8	1230 x 200 x 308	12.2
2070030	IN-LVS3/036W/220/IP65/DF/865	69 x 88 x 1210	8	1230 x 200 x 308	12.2
2070031	IN-LVS3/036W/220/IP65/TR/840	69 x 88 x 1210	8	1230 x 200 x 308	12.2
2070032	IN-LVS3/036W/220/IP65/TR/865	69 x 85 x 1210	8	1230 x 200 x 308	12.2
2070033	IN-LVS3/048W/220/IP65/DF/840	75 x 85 x 1510	8	1530 x 200 x 332	14.1
2070034	IN-LVS3/048W/220/IP65/DF/865	75 x 85 x 1510	8	1530 x 200 x 332	14.1
2070035	IN-LVS3/048W/220/IP65/TR/840	75 x 85 x 1510	8	1530 x 200 x 332	14.1
2070036	IN-LVS3/048W/220/IP65/TR/865	75 x 85 x 1510	8	1530 x 200 x 332	14.1
<b>LineVision™ EM</b>					
2070037	IN-LVEM/A23W/220/IP65/DF/865	89 x 93 x 1267	8	1288 x 200 x 376	13.7
2070038	IN-LVEM/A30W/220/IP65/DF/865	89 x 93 x 1567	6	1588 x 200 x 287	13.1
2070039	IN-LVEM/B23W/220/IP65/DF/865	130 x 93 x 657	8	679 x 387 x 280	11.8
2070040	IN-LVEM/B48W/220/IP65/DF/865	130 x 93 x 1267	6	1288 x 294 x 280	14.2
2070041	IN-LVEM/B58W/220/IP65/DF/865	130 x 93 x 1567	4	1588 x 200 x 280	12.8

Product Code	Product Description	Q'ty/Carton (pcs)	Outer Carton Dimension (mm)	Gross Weight (kg.)
<b>SenseMini™</b>				
2910022	AC-SENSEMINI/AC230/IP20/CM	50	330 x 630 x 225	5.5
2910023	AC-SENSEMINI/AC230/IP20/WM	50	330 x 630 x 225	5.5
<b>SenseMini™ Dim</b>				
2910024	AC-SENSEMINI/AC230/IP20/CM/DIM	50	330 x 630 x 225	5.5
2910025	AC-SENSEMINI/AC230/IP20/WM/DIM	50	330 x 630 x 225	5.5

### Safety Precautions

1. Risk of electric shock. Ground wire must be connected. Double check the waterproof cable gland after installation.
2. Risk of fire hazard. Do not connect the loads higher than specified maximum wattages as this may cause a fire hazard or permanent product failure.
3. Risk of injury or damage. Unit may fall if product is not installed properly. Follow strictly installation instructions.
4. SenseMini™ or SenseMini™ Dim is SUITABLE FOR DRY LOCATION INSTALLATION ONLY.
5. Risk of injury. Wear safety glasses and gloves during installation and servicing.
6. Study the detail in installation manual completely and carefully before install and use this product.
7. Do not attempt to repair this product yourself. Contact your nearest distributor for assistant in case of failure.

### Note

1. Dimmable version is available for LineVision™ S1, LineVision™ S2 and LineVision™ S3 Only. Contact your nearest distributor for information or product ordering information.
2. The emission of this microwave sensor is less than 0.2mW, only 1/5000 of the GSM mobile phone or Microwave oven. A long-term use WILL NOT cause harmful to human, animal or plant.

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Important Notice: The values given in this material for the technical parameters are only for statistic values that do not necessarily correspond to the actual parameters of an individual luminaire. This information may be updated and changed at any time without notice as new manufacturing process and technology is developed.

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