ERVAN®

Pilot VERSION TRI-PROOF

Smarter tri-proof lighting

Multi-power options

Wider beam angle

Easy to repair

Pilot VERSION TRI-PROOF

Smarter tri-proof lighting

We can alsways be smarter. ERVAN pilot tri-proof could give you fantastic experience of how to be a smart tri-proof. Stocking separately the product and sensors, installers can finish the sensor installation in seconds. Win-win solution for saving stock and labor cost. Meanwhile, Microwave and PIR sensor options could meet most of the requirement to save energy.

Easy to repair

We always follow up the latest Ecodesign regulation, so that ERVAN pilot tri-proof lighting is a product good to repair with modular design. LED driver, PCB board, sensor etc..all easy to do maintenance, you will find out the product is prepared for the future.

Multi-power options

We are always headache about less of storage when facing different applicaiton requirement. Then we definitely need a multi-power function tri-proof as standard option, because it means we always have back up solution on different lumen options with in one product.

Wider beam angle

For the application such as parking garage, low racked warehouse etc..where the installation height is low, the biggest problem is how to keep the whole space even illuminated. ERVAN pilot tri-proof lighting has a very wide beam angle of 150° and 23% up lighting, this could guarantee enough light for the space.
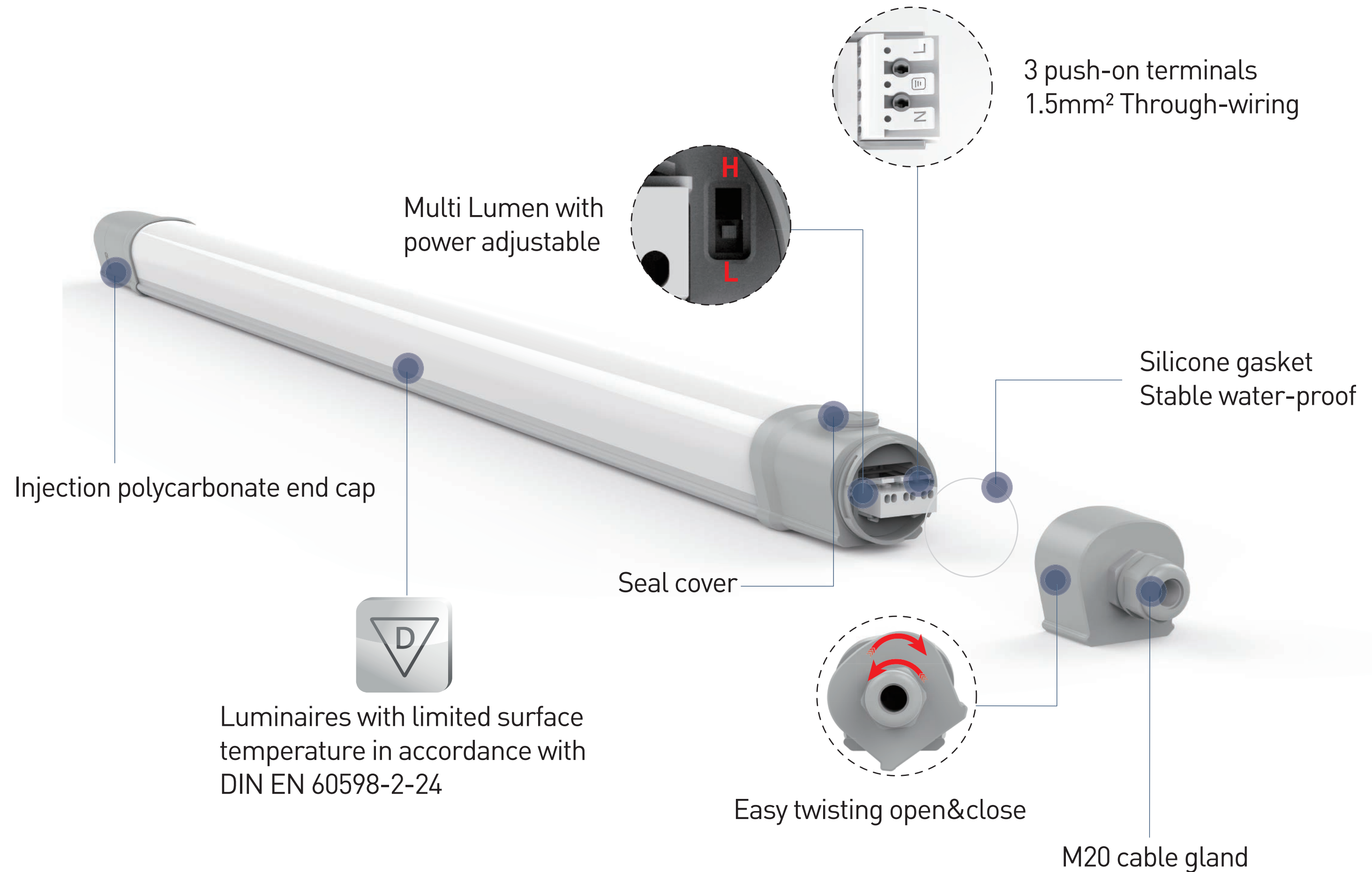
Feature

-MultiLumen with power adjustable

-Tool-free and fast installation

-3 Through-wiring

-High efficiency up to 160lm/W

-DIN EN 60598-2-24 D mark available
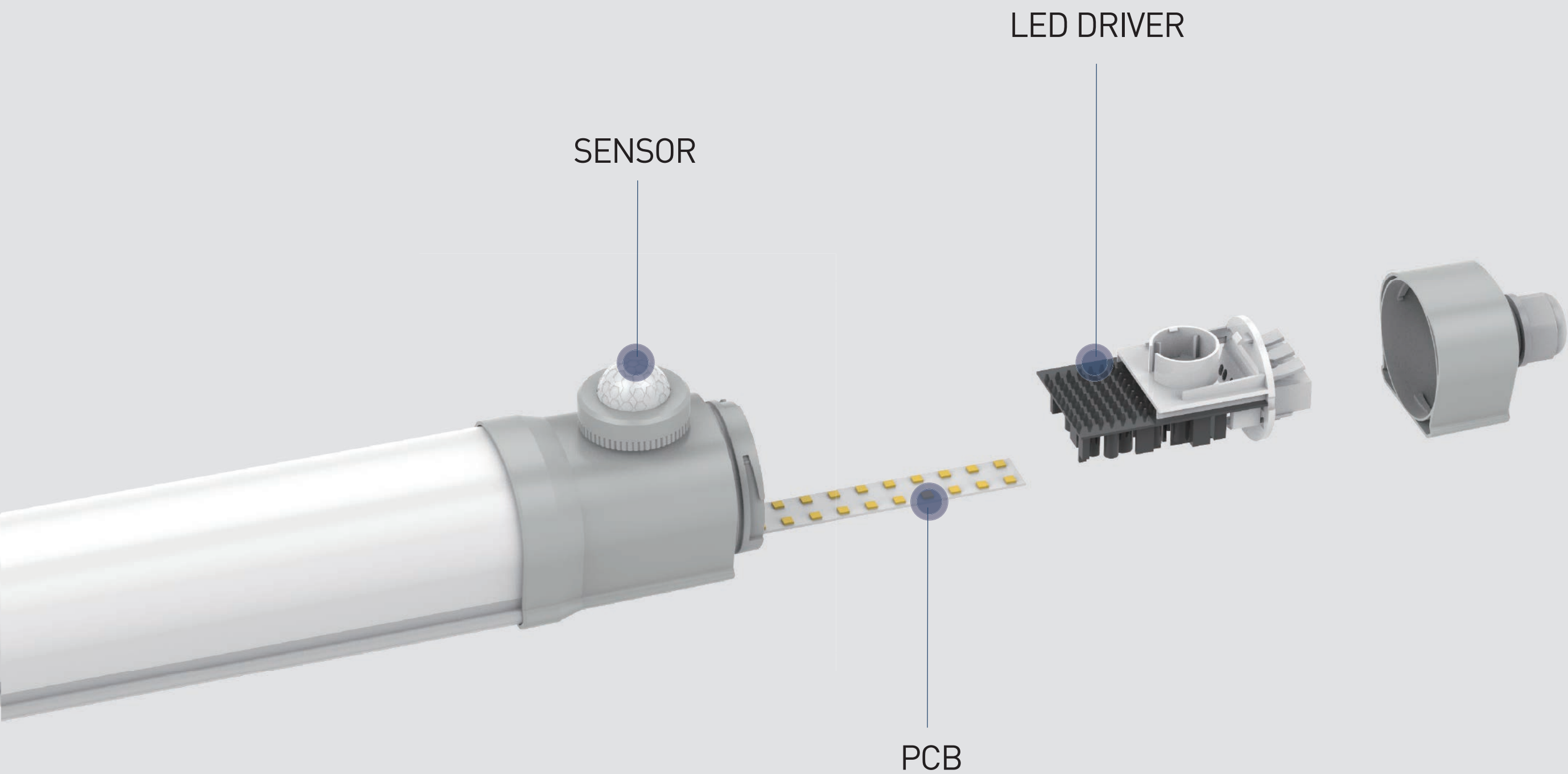
-PIR&Microwave sensor available

-Flicker free

PILOT VERSION TRI-PROOF

3 push-on terminals
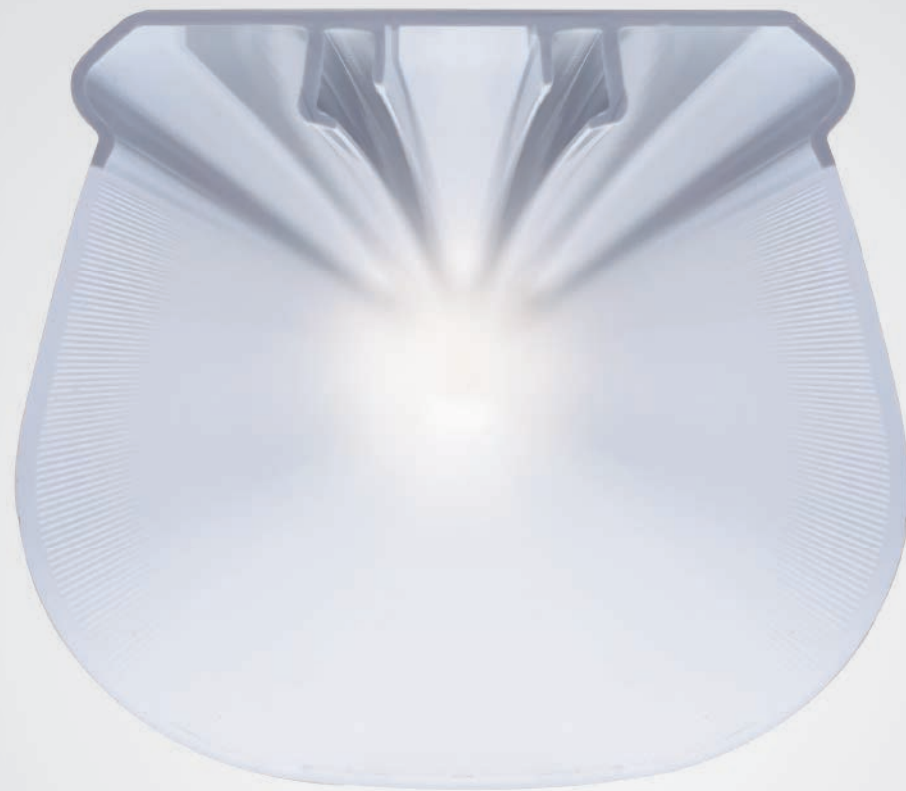1.5mm² Through-wiring

Multi Lumen with
power adjustable

Silicone gasket
Stable water-proof

Injection polycarbonate end cap

Seal cover

Luminaires with limited surface
temperature in accordance with
DIN EN 60598-2-24

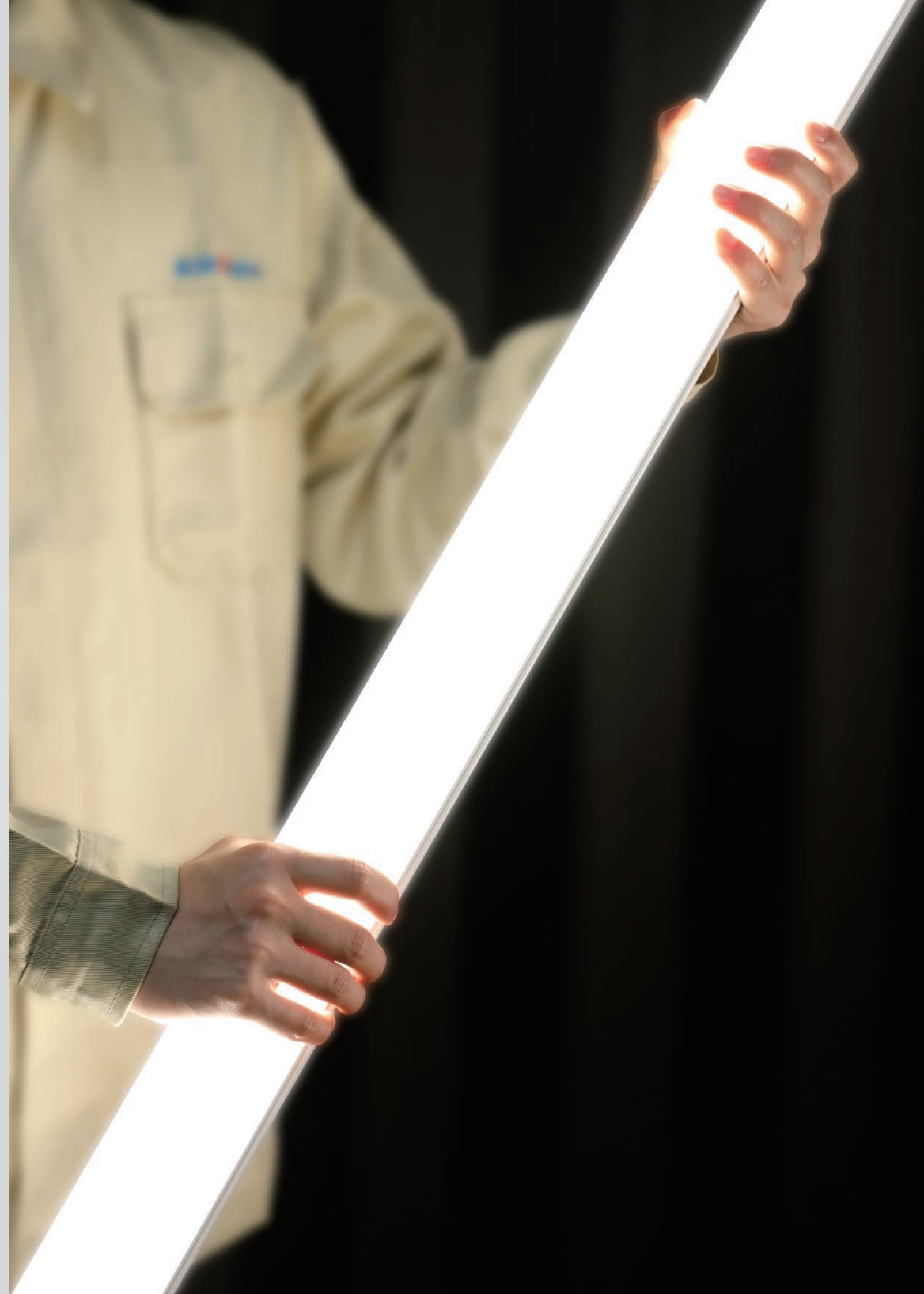Easy twisting open&close

M20 cable gland

EASY TO REPAIR

LED DRIVER

SENSOR

PCB
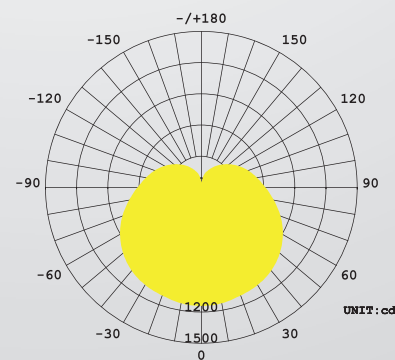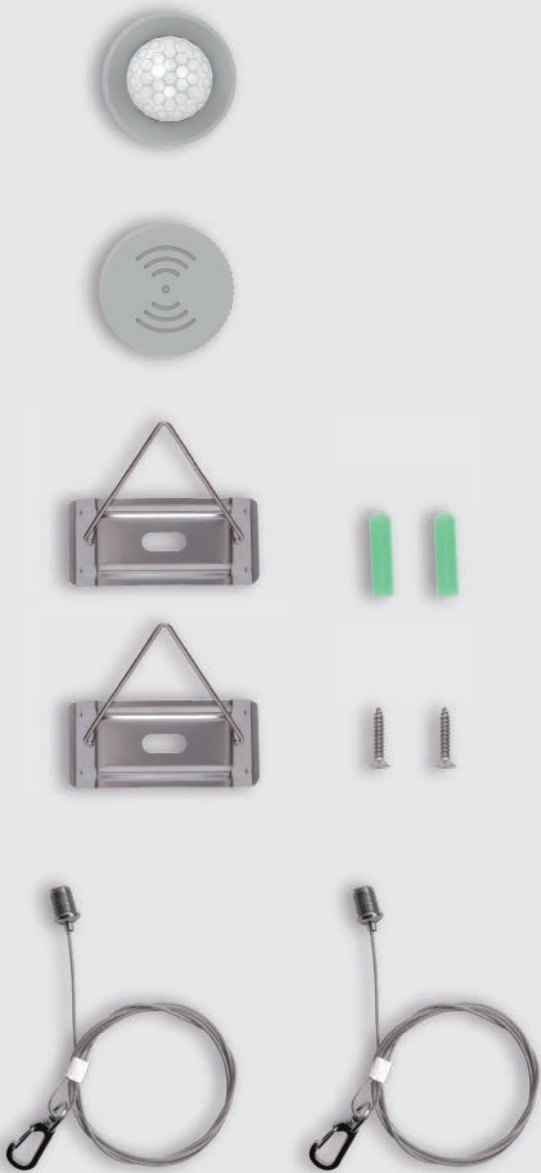
WIDER BEAM ANGLE

OPTIC

+ Efficacy 160lm/w
+ 150° beam angle
+ Up to 6400lm
+ η up(%): 23.7
+ SDCM<3
+ Ra > 80

CHARACTERISTICS

Mechanical characteristics — IK08 IP65

Profile	Extruded polycarbonate with UV protection
Endcaps	Injected polycarbonate
Gasket	Removable and recyclable silicone
Color	Grey(RAL7035)
Cable entry	M20 Cable gland

Electrical characteristics

Mains voltage	220~240Vac/50~60Hz
Connection	3 push-on terminal connector
Power factor	>0.93 full load
Flicker factor	<1%
SVM	<0.4
Pst	<1

Photometrical characteristics

SDCM	< 3
Beam angle	150°
CRI	>80, >90 on request
Luminous Flux	3520~6400lm
CCT	3000K, 4000K, 5000K, 6500K

Functional characteristics

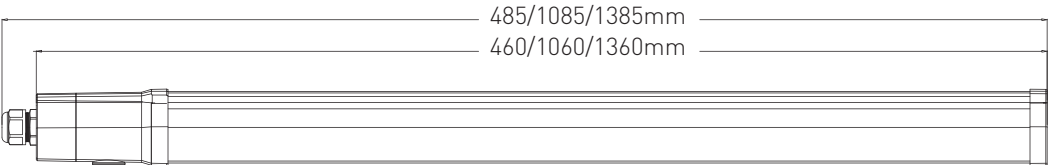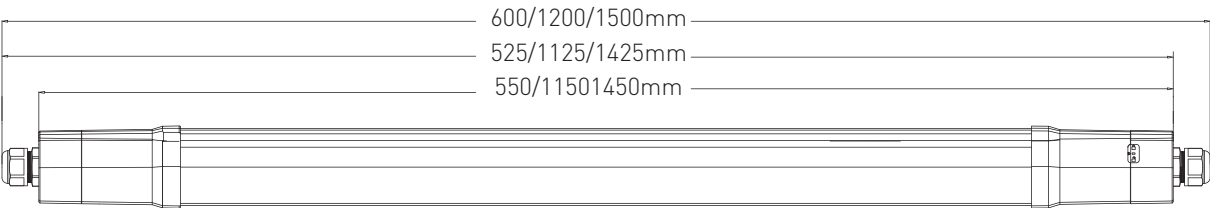|	
Lifetime	L80B10 100,000 hours at 25°C
Smart control	Microwave sensor/PIR
Fire protection	Glow wire test (EN 60595-2-11): 850°C

PARAMETERS

Microwave Sensor   PIR Sensor

61mm   61mm   61mm

57mm   68mm   80mm
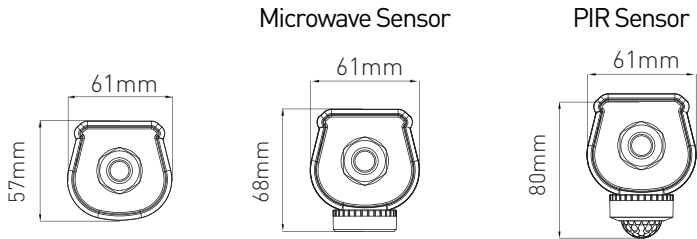
Non-through wiring

485/1085/1385mm
460/1060/1360mm

Through wiring

600/1200/1500mm
525/1125/1425mm
550/11501450mm

Standard version(Power adjustable)

Model NO. / Length	Power adjustable(W)	Multiple Lumens 160lm/W
TP01 / 1200mm	22/30W	3520/4800
TP01 / 1500mm	30/40W	4800/6400

1   2   3   n

SIZE	B10	B16	C10	C16
1200mm	23	38	39	62
1500mm	20	32	31	50

...nx

2x

SIZE	INPUT	NX	NX
1200mm	230vac	30(22W)	22(30W)
1500mm	230vac	22(30W)	16(40W)

SMARTER TRI-PROOF LIGHTING

ERVAN®

① Screw out the seal cover
② Screw in the microwave or PIR sensor
③ Done
④
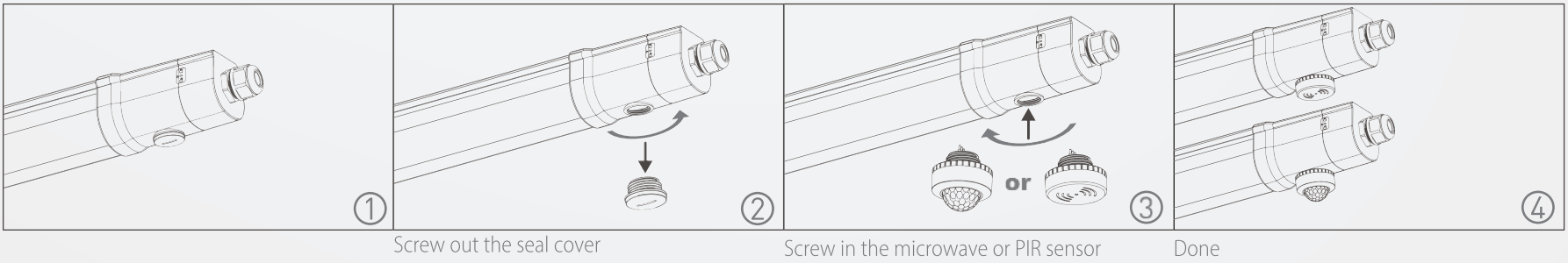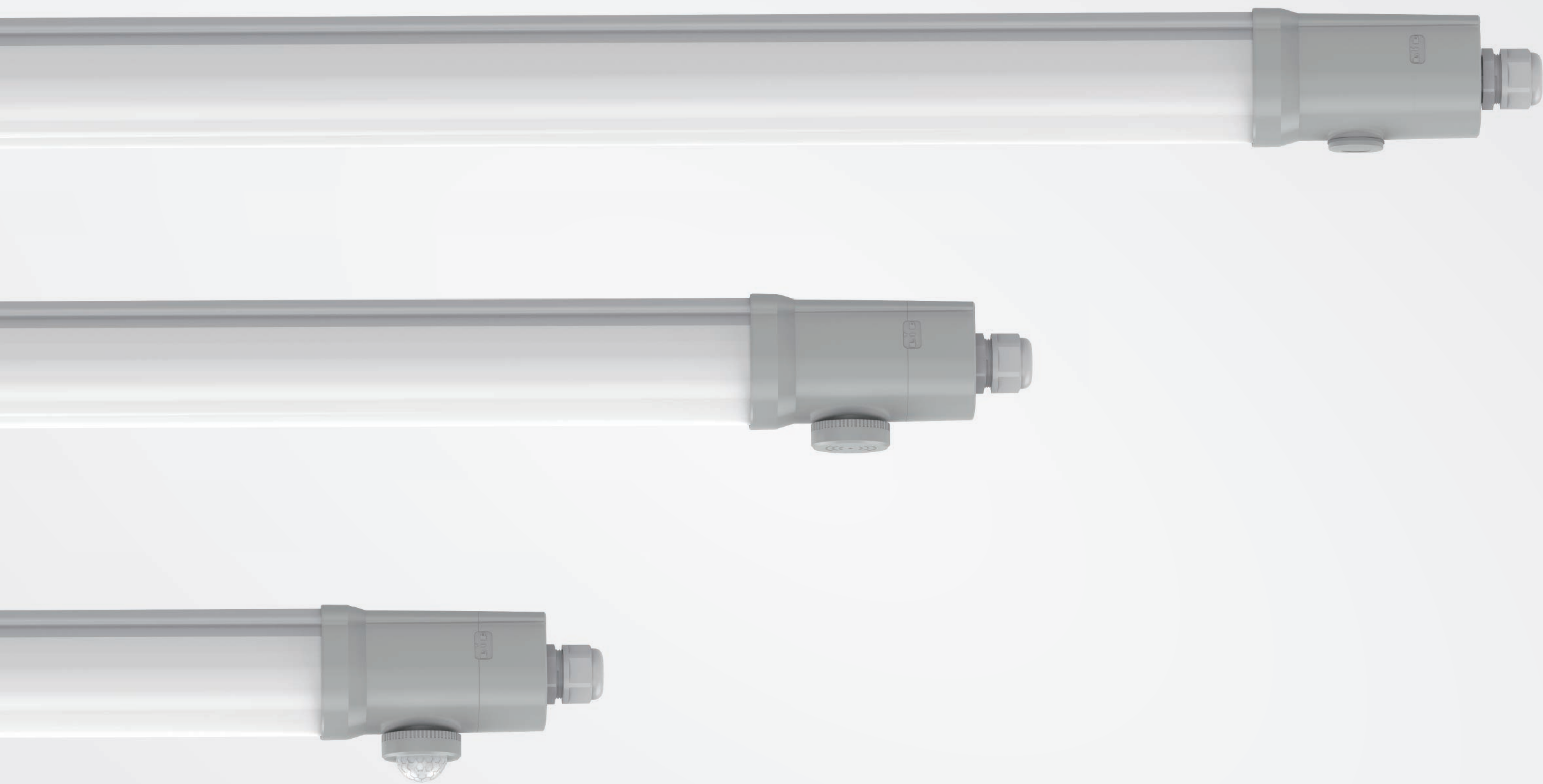
SMART SOLUTION

Sensor Parameters	Sensitivity	100%/75%/50%/25%
	Hold-time	3s/30s/90s/3min/5min/15min/20min/30min
	Daylight threshold	5Lux/15Lux/50Lux/100Lux/300Lux/Disable
	Stand-by period	0s/5s/30s/3min/5min/15min/45min/+∞
	Stand-by dimming level	10%/20%/30%/50%
	Detection height	Max.6m
	detection semidiameter	4-6m
	Default set：sensitivity 100%，Hold-on time 3s，Daylight threshold Disable	

Remote Control

ON/OFF	Auto Mode	Reset	Power 80%
Start	Memory	Apply	Power 100%

Sensitivity
25%	50%	75%	100%

Hold time
3s	30s	90s	3min
5min	15min	20min	30min

Stand-by dimming level
10%	20%	30%	50%

Stand-by period
0s	5s	30s	3min
5min	15min	45min	+∞

Daylight threshold
5Lux	15Lux	50Lux	Brightness +
100Lux	300Lux	Disable	Brightness -

6M

8-12M

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