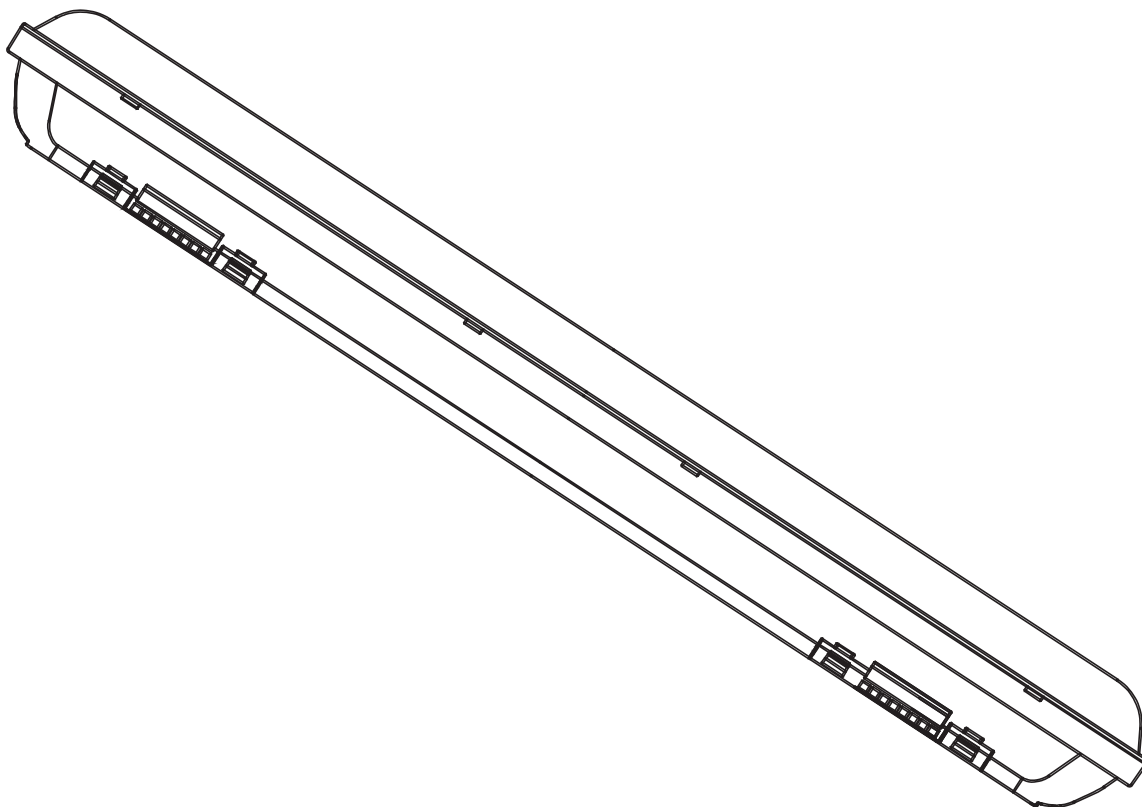


LONGER

L I G H T I N G



SPEED LED PLUS / 2020



SPEED LED PLUS



ISO 9001	LM 80	LM 79	TM 21	IK08	CE	CB
ISO 14001	IP 65	Ra >80	Input 220-240V	Efficacy 100lm/W	+35°C +4°C	



Product parameters

Model:	SPEED LED PLUS IP65 18W 40K 0.6m	SPEED LED PLUS IP65 40K 1.2m	SPEED LED PLUS IP65 40K 1.5m
Wattage(W):	18	34	45
Lumen(lm):	1900	3700	4900
Dimension(mm):	590x86x66	1180x86x66	1480x86x66
lm/W	104	110	109
Driver Tridonic	LC 19/350/54 fixC Ip SNC2	LC 35/300/121 fixC Ip SNC2	LC 50/300/170 fixC Ip SNC2
Beam angle(°):	120°		

LED chip brand:	EVERLIGHT ELECTRONICS CO., LTD
CRI:	>80(Optional upon request)
Lifetime:	L80 > 50,000hrs (according to TM-21 at Ta=35℃)
Operating temperature:	4℃ to 35℃
Electrical:	Class II AC 220-240V / 50~60Hz
Dimming:	N
Material:	Housing: PC Cover: PC
Finish color:	Grey
Impact resistance:	IK08
Standards & Certificates:	CE CB IEC LM80 LM79 TM21 IK08 ISO9001 ISO14001



SPEED LED PLUS

Product Description

- ⊕ SPEED LED PLUS series of luminaires are designed for use in warehouse, factory, garage, supermarket, workshop and indoor stadium.
- ⊕ With outstanding heat dissipation, top-brand EVERLIGHT 67-21S Series LEDs and high-quality electronic components, long lifespan can be assured.
- ⊕ High luminous efficiency 110lm/w and low energy consumption make the luminaire more competitive in the market.

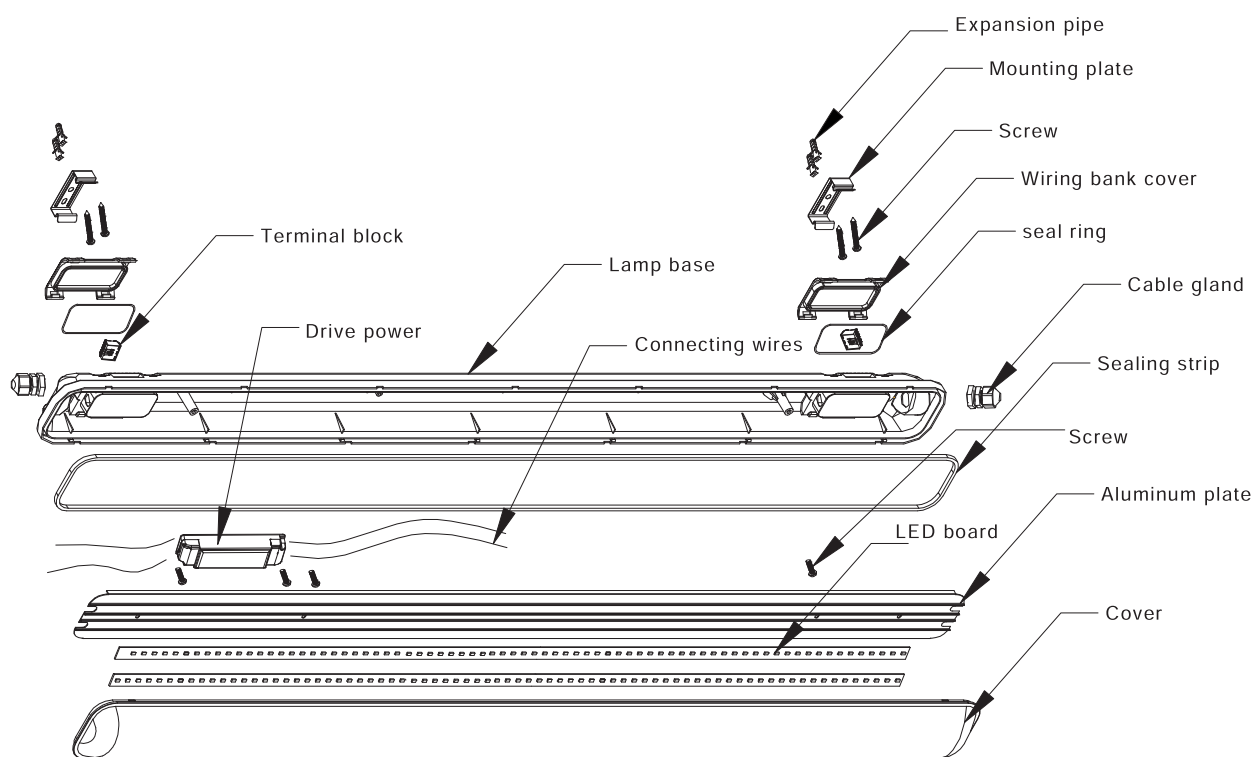
Features

- ⊕ Excellent heat dissipation to ensure long lifespan;
- ⊕ Impact protection grade up to IK08 makes the luminaire tougher;
- ⊕ Fully sealed by high temperature resistant silicon gasket against water and dust IP65;
- ⊕ High efficiency 100lm/w makes the luminaire brighter and less energy consumption;
- ⊕ Two mounting ways can meet different installation requirements.

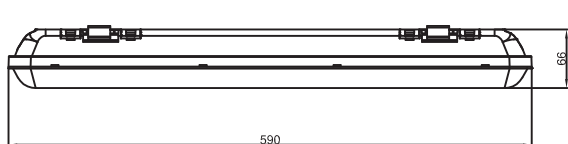
Application

- ⊕ Warehouse
- ⊕ Factories
- ⊕ Garages
- ⊕ Industrials
- ⊕ Workshops
- ⊕ Supermarkets
- ⊕ Indoor stadiums

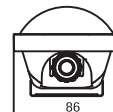
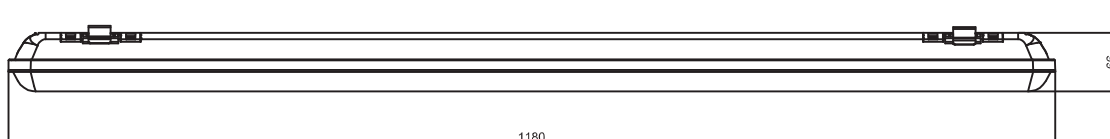
Function details



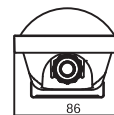
Dimension



18W



36W

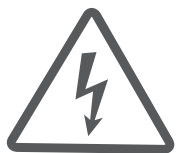


48W

Disposal of the Luminaire



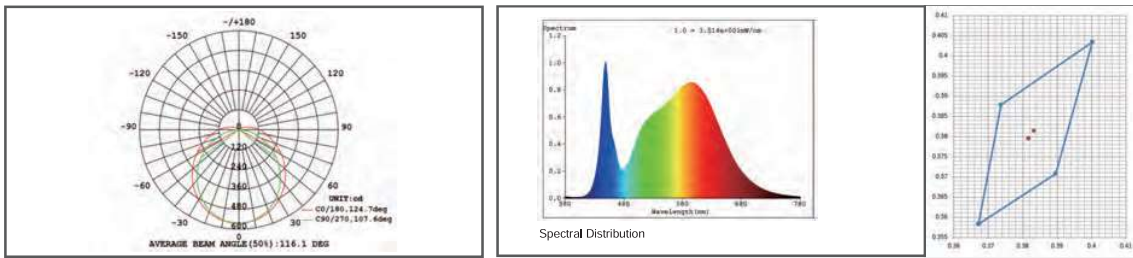
This marking indicates that this luminaire shall not be disposed with other household wastes. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where this product was purchased to ensure an environmentally and friendly recycling.



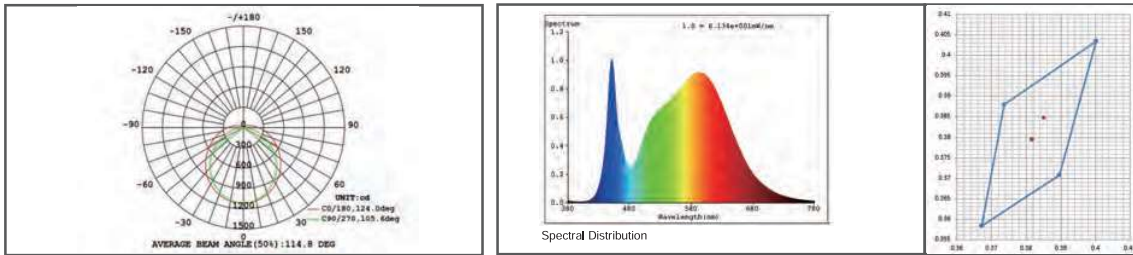
DANGER-Risk of electric shock-Disconnect power before installation.
The installation & maintenance for this luminaire shall only be replaced by the manufacturer or his service agent or a qualified electrician.



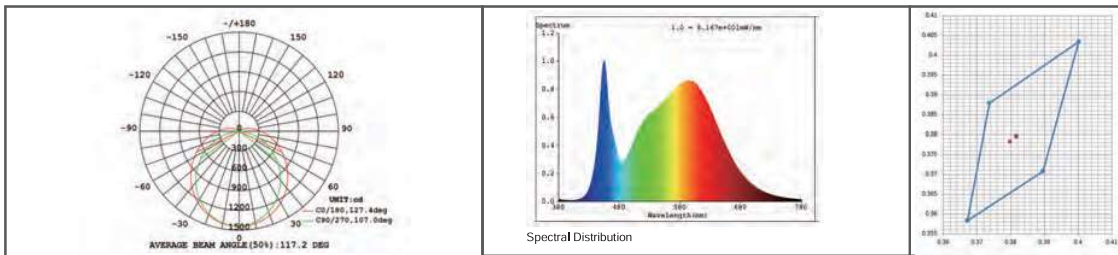
Light distribution



18W-4000K



34W-4000K



45W-4000K

Installation

1. Use H07RN-F, 2x1.0mm² rubber cable.
2. Luminaire should be installed by authorized electrician only acc. to national wiring rules.
If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or similar qualified person in order to avoid a hazard.
3. The power supply must be deactivated prior to assembly, maintenance, exchanging the bulb or cleaning processes. Remove the fuse or switch the fuse to OFF and secure from reactivation.
4. picture 1, screw the gland.
5. Use a screwdriver to open the box.
6. Connect brown wire (L) to terminal L, blue wire (N) to terminal N.
7. terminal box installed back, the terminal box must be installed the correct position.

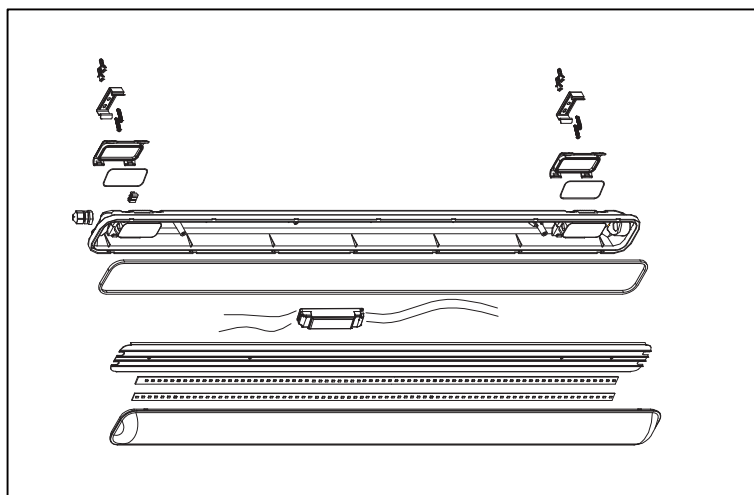
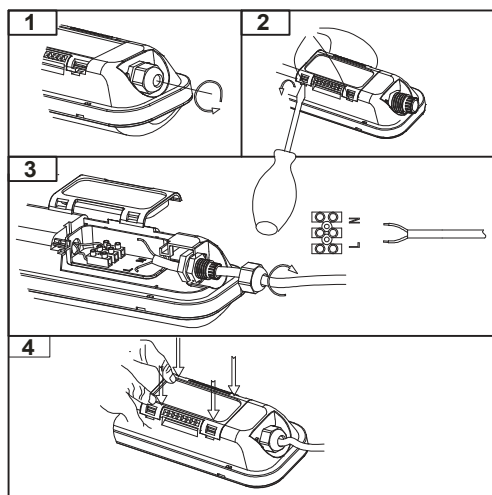


Table for Max. Loading of Automatic Circuit Breakers

Driver No.	C 10	C 13	C 16	C 20	B 10	B 13	B 16	B 20	Inrush Current	
LC 19/350/54 fixC Ip SNC2	75	95	120	150	65	90	110	130	8	80 μ s
LC 35/300/121 fixC Ip SNC2	41	53	65	82	41	53	65	82	5.5	20 μ s
LC 50/300/170 fixC Ip SNC2	30	39	48	60	30	39	48	60	15	100 μ s

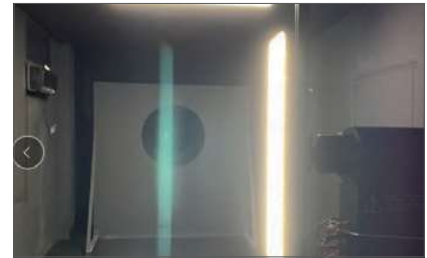
Product Testing



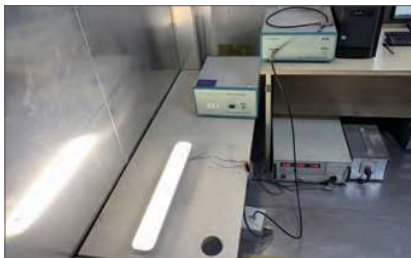
Thermal Test



Water-proof Test



Optical Distribution Test



EMI Conduction Test



Integrated Sphere Test



Mechanical Impact Test(IK Test)



High-voltage Insulation Test



Leakage Current Test



Radiation Disturbance Test

Packaging

Model:	18W	36W	48W
Inner box Size(mm):	620*88*69	1210*88*69	1510*88*69
Outer carton Size(mm):	64*28.4*30.8	123*20*30.8	153*20*33.2
QTY / CTN:	12PCS	8PCS	8PCS
N.W.(Kg):	8.4	9.7	11.9
G.W.(Kg):	10.5	12.2	14.1



Application

