



Professional Manufacturer of LED Lighting



HongKong Ervan Group Limited
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ERVAN

LED Since 2002.....

Light art Life

Science and technology

About Ervan

Established in 2005, Hong Kong Ervan Group, (Shenzhen Ruizi Light Electricity Technology Co., Ltd) located in Shenzhen, China

Ervan has built solid reputation for providing a superb range of commercial and industrial lighting.

• Product Portfolio

The product portfolio includes four series of LED lighting: LED Tube, LED Highbay, LED Panel, LED Tri-proof Light. Ervan lighting has been designed for a wide range of applications: office, industrial, health care, education, shop & retail, architectural and semi-outdoor.

Ervan's products meet all international standards such as UL, VDE, TUV, DLC, ROHS, SAA, and CE.

• Achievements

Ervan continues to develop and meet the needs of the customer's requirements.

Ervan is the first one not only to create LED tube in China but also to pass VDE standard. Ervan initially developed the 180 degree rotating Tube, tri-proof light with compact design and UFO high bay to the industry.

To-date, Ervan has more than 30 patents to its name.

• Service and Principle

Ervan is committed not only to create innovative, efficient, durable and easy to install lighting, but also to provide a reliable path for customers to get services such as SKD, CKD and ODM.

Ervan is open to developing and meeting the needs of our customers LED lighting design, and is willing to develop bespoke customized solutions that perfectly match the specific requirements.

European design and quality, with Chinese pricing.

ERVAN

LED Since 2002.....





Semi-outdoor

LED Tri-proof Light

UP(Universal)

• Universal Application

Universal LED Tri-proof Light

T21A(3 Phase) (40-80W)
01-10



Universal LED Tri-proof Light

T21B (40-80W)
11-12



AP(Aluminum & Plastic)

• Warehouse • Car parks • Corridors

Standard LED Tri-proof

L07G (20-65W)
13-14



Retrofit LED Tri-proof Light

T07 (20-65W)
15-16



HP(High Power)

• Warehouses • Industrial halls
• Manufacturing facilities

High power LED Linear

L20G (40-100W)
17-18



High power LED Tri-proof

T20G (40-100W)
19-20



RP(Round Plastic)

• Refrigeration rooms
• Food industry • Pools

Round LED Tri-proof Light

T60 (20-48W)
21-22



Round LED Tri-proof Light

T61 (20-60W)
23-24



FP(Full Plastic)

• Carwash • Farm • Food factory

Mini LED Tri-proof Light

T40 (20-35W)
25-26



Anticorrosion&Anti-oil LED Tri-proof

PA01C (20-50W)
27-32



LED High Bay

Square LED High Bay

H07 (60-320W)
33-38



Compact LED High Bay

H03CO (80-240W)
39-40



Linear LED High Bay

H05CO (60-150W)
41-46



Power

IP Rate

IK Rate

Certification

Dimmable

Motion Sensor

Emergency

LED Tri-proof Light

Universal LED Tri-proof Light

T21A(3 Phase) (P01-10)

40-80W

IP65

IK06

CE / ROHS

YES

YES

Universal LED Tri-proof Light

T21B (P11-12)

40-80W

IP65

IK10

CE / ROHS

YES

YES

Standard LED Tri-proof

L07G (P13-14)

20-65W

IP66

IK10

TUV / UL / SAA

YES

YES

YES

Retrofit LED Tri-proof Light

T07 (P15-16)

20-65W

IP65

IK06

CE / ROHS

High power LED Linear

L20G (P17-18)

40-100W

IP44

IK08

TUV / UL / SAA

YES

YES

High power LED Tri-proof

T20G (P19-20)

40-100W

IP65

IK10

TUV / UL / SAA

YES

YES

Round LED Tri-proof Light

T60 (P21-22)

20-48W

IP67

IK08

CE / ROHS

NO

NO

Round LED Tri-proof Light

T61 (P23-24)

20-60W

IP67

IK08

CE / ROHS

NO

Mini LED Tri-proof Light

T40 (P25-26)

20-35W

IP65

IK08

CE / ROHS

YES

NO

NO

Anticorrosion&Anti-oil LED Tri-proof

PA01C (P27-32)

20-50W

IP65

IK08

TUV / UL / SAA

YES

NO

LED High Bay

Square LED High Bay

H07 (P33-38)

60-320W

IP65

IK08

CE / ROHS

YES

NO

NO

Compact LED High Bay

H03CO (P39-40)

80-240W

IP65

IK08

TUV / UL / SAA

YES

YES

NO

Linear LED High Bay

H05CO (P41-46)

60-150W

IP65

IK08

TUV / UL / SAA

YES

YES

NO

LED Tube Light

Linear LED Fixture

Linear LED Light Fixture
L01 (15-54W)
47-56



T8 LED Tube

Professional T8 LED Tube
L05G-H (11-36W)
57-58



Internal Driver T8 LED Tube
L05C (9-36W)
59-60

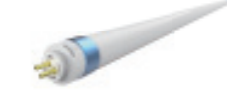


T5 LED Tube

Integrated T5 LED Tube
T5-AE (11-30W)
61-62



Internal Driver T5 LED Tube
L60G (11-30W)
63-64



T8 Multi-angle LED Tube

Multi-angle 70° / 2*120° / 220° Beam Angle
L05G-T / L06G / L06G-V (11-30W)
65-68



LED Panel Light

Side-lit LED Panel

Side-lit LED Panel Light
P01CO (15-84W)
69-74



Side-lit LED Panel Light
P06CO (15-84W)
75-76



Double-sided LED Panel

Double-sided LED Panel Light
P04CO (22-54W)
77-78



Back-lit LED Panel

Back-lit LED Panel Light
P20CO (36-84W)
79-80



Round LED Panel

Round LED Panel Light
R01CO (8-22W)
81-82



Ceiling Mounted LED Panel Light
R02CO (10-22W)
83-84



IP44 Round LED Panel Light
R03CO (10-22W)
85-90



LED Tube Light

	Power	IP Rate	IK Rate	Certification	Dimmable	Motion Sensor	Emergency
Linear LED Tube L01 (P47-56)	15-54W	IP20	IK03	CE / ROHS	NO	NO	NO
Professional T8 LED Tube L05G-H (P57-58)	11-36W	IP20	---	TUV / UL / SAA	YES	YES	YES
Internal Driver T8 LED Tube L05C (P59-60)	9-36W	IP20	---	TUV / UL / SAA	YES	NO	YES
Integrated T5 LED Tube T5-AE (P61-62)	11-30W	IP20	IK03	TUV / SAA	NO	NO	NO
Internal Driver T5 LED Tube L60G (P63-64)	11-30W	IP20	---	TUV / SAA	YES	NO	NO
Multi-angle 70° / 2*120° / 220° Beam Angle L05G-T (P65-68)	11-30W	IP20	---	TUV / SAA	YES	NO	NO

LED Panel Light

Side-lit LED Panel Light P01CO (P69-74)	15-84W	IP20	IK05	TUV / UL / SAA	YES	YES	YES
Side-lit LED Panel Light P06CO (P75-76)	15-84W	IP20	IK05	TUV / UL / SAA	YES	YES	YES
Double-sided LED Panel Light P04CO (P77-78)	22-54W	IP20	IK05	TUV / UL / SAA	YES	YES	YES
Back-lit LED Panel Light P20CO (P79-80)	36-84W	IP20	IK05	CE / ROHS	YES	YES	YES
Round LED Panel Light R01CO (P81-82)	8-22W	IP20	IK05	TUV / SAA	YES	NO	NO
Ceiling Mounted LED Panel Light R02CO (P83-84)	10-22W	IP20	IK05	CE / ROHS	YES	NO	NO
IP44 Round LED Panel Light R03CO (P85-90)	10-22W	IP44	IK05	CE / ROHS	YES	NO	NO

Smart Control System

Dimmable (P91-94)	Motion Sensor (P95-96)	Emergency (P97-98)
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Semi-outdoor

Semi-outdoor

Ervan provides semi-outdoor LED lighting for both using in commercial and industrial area like Corridors, Car parks, Car Wash and swimming pool ect. The using conditions are complicated and strict for many reasons like unstable weather. To make sure the lightings operating reliably, we've designed it with great structure with great heat dissipation and IP rate from IP65 to IP68 as well as IK10. Also various accessories have been developed to make easy installation for our customers.

LED Tri-proof Light



Suspending LED Tri-proof Light



Ceiling mounted LED Tri-proof Light

LED High Bay



Suspending LED High Bay Light



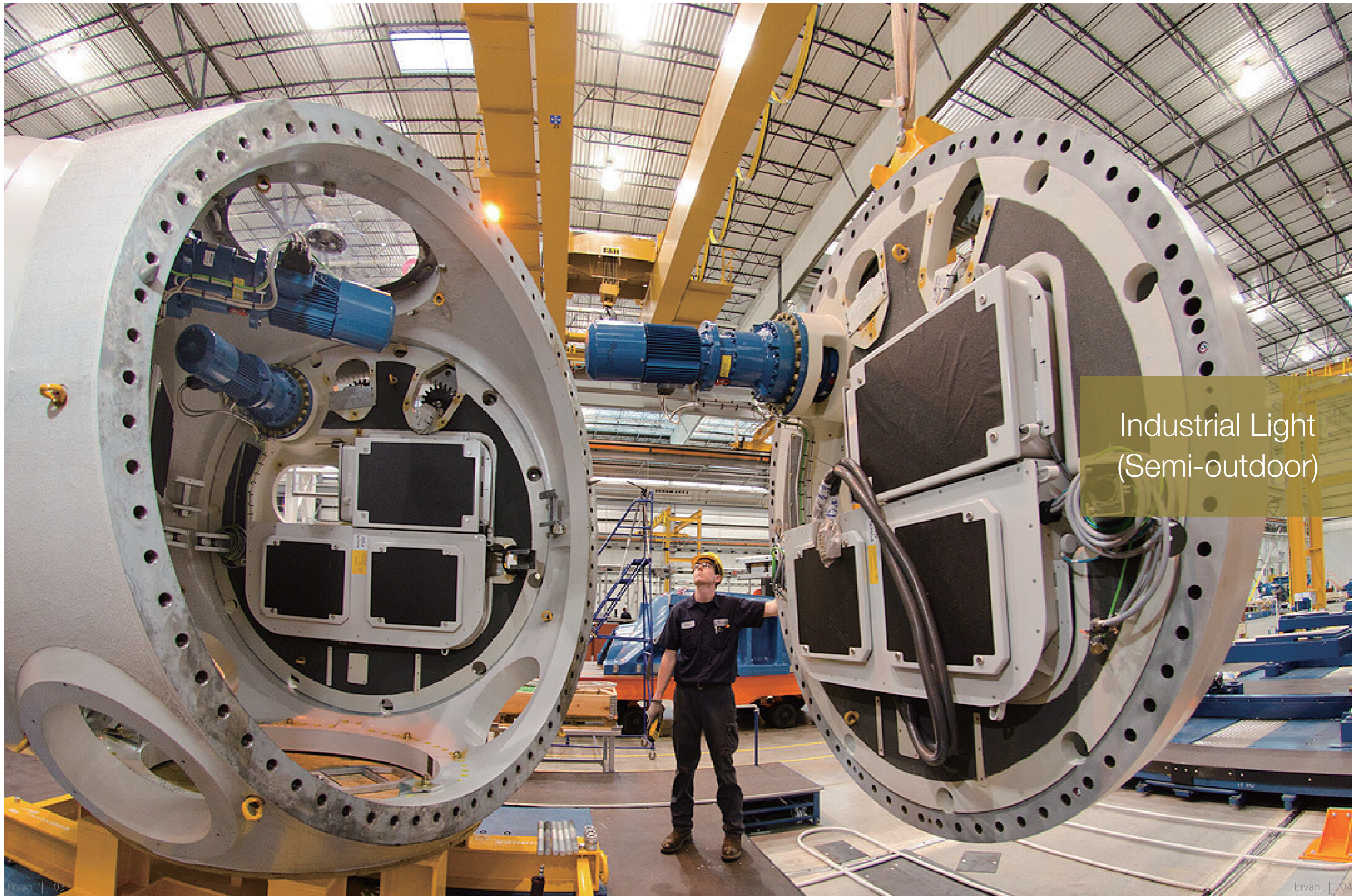
Ceiling/Wall Mounted LED High Bay Light



Suspending Linear LED High Bay



Ceiling mounted Linear LED High Bay



Industrial Light
(Semi-outdoor)



LED TRI-PROOF LIGHT

APPLICATION

Industrial	Education	Semi-outdoor	Shop & Retail	Architectural
Warehouses	Classrooms	Car parks	Shopping mall	Exhibition center
Production halls	Cafeterias	Pools	Supermarkets	Library
Food industry	Auditorium	Airports	Retail stores	Art Museum
Parking areas	Sports halls	Train stations	Food	Concert hall
Farms	Chemical Lab	Gas stations		Museum
Refrigeration rooms	Pools	Bus stations		
		Park		
		Toll stations		

Temperature Characteristics T-ambient 25°

Temperature
Operating -30~+50°C
Storage -40~+85°C

Electrical Characteristics

Input Voltage:	PF:≥0.93	THD<20%
US: AC100~277V 50/60Hz	Power Efficiency:≥0.87	
EU: AC100~240V 50/60Hz		
Ca: AC347V 50/60Hz		

UP(Universal)

• Universal Application

Universal LED Tri-proof Light
T21A(3 Phase) (40-80W)
09-10



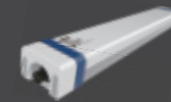
Universal LED Tri-proof Light
T21B (40-80W)
11-12



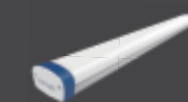
AP(Aluminum & Plastic)

• Warehouse • Car parks • Corridors

Standard LED Tri-proof
L07G (20-65W)
13-14



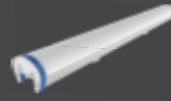
Retrofit LED Tri-proof Light
T07 (20-65W)
15-16



HP(High Power)

• Warehouses • Industrial halls
• Manufacturing facilities

High power LED Linear
L20G (40-100W)
17-18



High power LED Tri-proof
T20G (40-100W)
19-20



RP(Round Plastic)

• Refrigeration rooms
• Food industry • Pools

Round LED Tri-proof Light
T60 (20-48W)
21-22



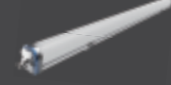
Round LED Tri-proof Light
T61 (20-60W)
23-24



FP(Full Plastic)

• Carwash • Farm • Food factory

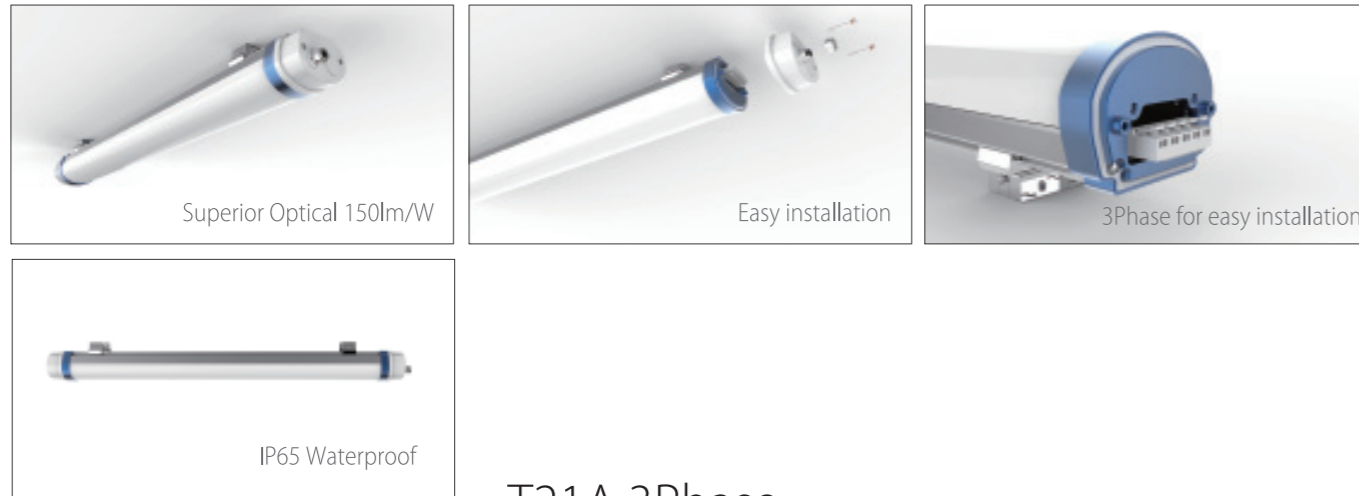
Mini LED Tri-proof Light
T40G (20-35W)
25-26



Anticorrosion&Anti-oil LED Tri-proof
PA01C (20-50W)
27-28







T21A 3Phase

Universal LED Tri-proof Light

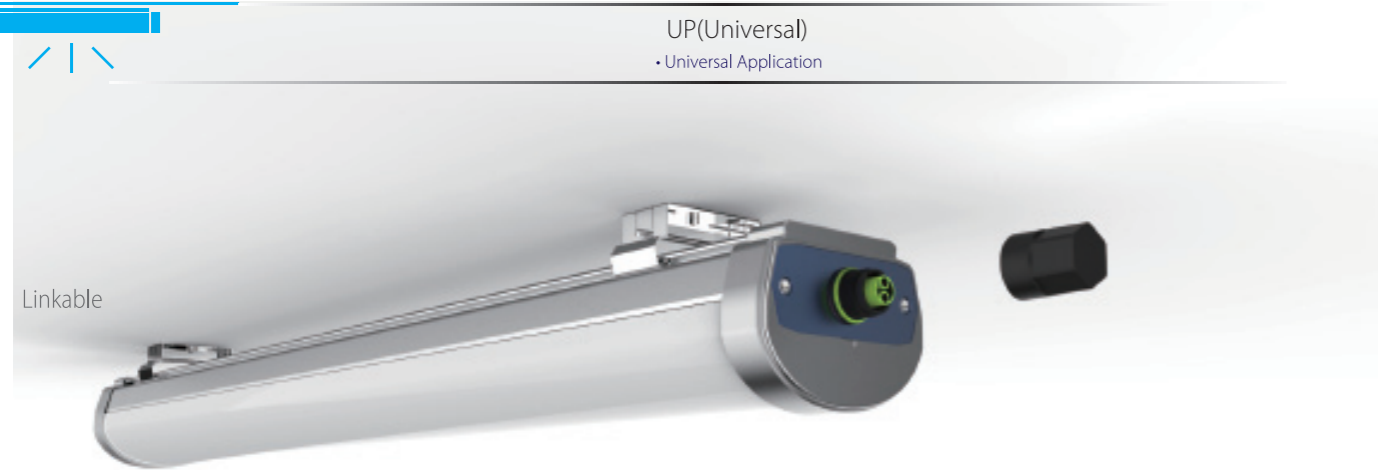
Universal LED Tri-proof Light T21A(3 Phase)

Multiple installation can match different application
Greatly reducing the costs of the installation
Tri-proof Patented Design
Special design for 3-8m application high
Universal AC input 220-240VAC
Ultra bright 150lm/w
Unique light distribution design for comfortable optic performance
Suspend and ceiling mounted for convenient installation and maintenance
Adjust installation Angle can change the direction of light
Can be linkable
Unique heatsink design for stable product performance
Patented design + Brand driver+ Brand LED
Product automatic protection (OVP OLP OTP OCP)
Water proof IP65 rate

Parameter

Model NO.	Power (W)	Clear Lumens	Cover Lm/W	
T21A 600mm(2FT)	40	5200	130	Light Source : 2835 CRI Range : 80 / 90 / 95 CCT Range : WW(3000K) NW(4000K) DW(5000K) CW(6500K) AC Input : 220-240V(EU) 100-277V(US) 347V(Ca) Beam Angle : 120° Light Efficiency : 130Lm/W, 150Lm/W Size : 109(W)*84(H) Waterproof : IP65 & IK06 Recommended Installation Height : 3-8M Function : •Dimmable •Emergency •Motion sensor
T21A 900mm(3FT)	60	7800	130	
T21A 1200mm(4FT)	40	5200	130	
T21A 1200mm(4FT)	50	6500	130	
T21A 1200mm(4FT)	80	10400	130	
T21A 1500mm(5FT)	80	10400	130	
Frosted cover is 10Lm/W less than clear cover Above lumens based on 4000K Ra : 80				





Universal LED Tri-proof Light

T21B



Universal LED Tri-proof Light T21B

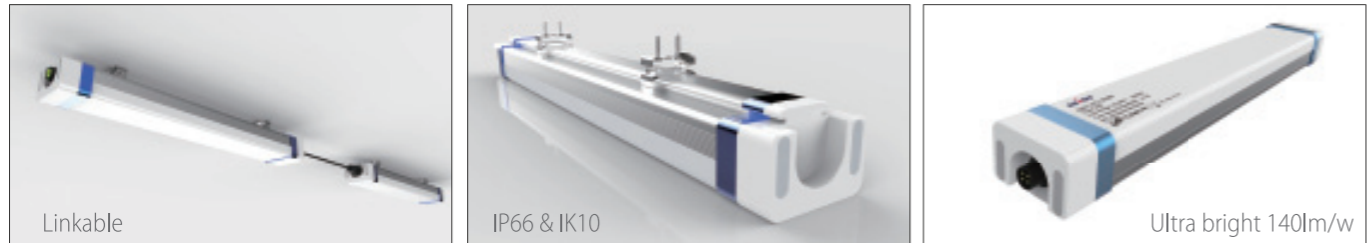
- 7 kinds of installation can match different installation requirements
- Greatly reducing the costs of the installation
- Tri-proof Patented Design
- Special design for 3- 8m application high
- Universal AC input 90-305VAC
- Unique light distribution design for comfortable optic performance
- Suspend and ceiling mounted for convenient installation and maintenance
- Adjust installation Angle can change the direction of light
- Can be linkable
- Unique heatsink design for stable product performance
- Patented design + Brand driver+ Brand LED
- Product automatic protection (OVP OLP OTP OCP)
- Water proof IP65 rate

Parameter

Model NO.	Power (W)	Clear Lumens	Cover Lm/W	
T21B 600mm(2FT)	40	5200	130	Light Source : 2835 CRI Range : 80 / 90 / 95 CCT Range : WW(3000K) NW(4000K) DW(5000K) CW(6500K) AC Input : 220-240V(EU) 100-277V(US) 347V(Ca) Beam Angle : 120° Light Efficiency : 130Lm/W, 150Lm/W Size : 109(W)*84(H) Waterproof : IP65 & IK10 Recommended Installation Height : 3-8M Function : •Dimmable •Emergency •Motion sensor
T21B 900mm(3FT)	60	7800	130	
T21B 1200mm(4FT)	40	5200	130	
T21B 1200mm(4FT)	50	6500	130	
T21B 1200mm(4FT)	80	10400	130	
T21B 1500mm(5FT)	80	10400	130	

Frosted cover is 10Lm/W less than clear cover
Above lumens based on 4000K Ra : 80





L07G

Standard LED Tri-proof Light

Standard LED Tri-proof Light L07G

- Tri-proof led fixture for IP66 waterproof, dust, corrosion and pressure-proof
- Patent and functional design with imaginative appearance
- High stability isolated driver
- Excellent heat dissipation depending on whole aluminum housing
- Widely used for ambient lighting application
- Maximum efficacy and minimum glare
- High-tech optical design
- No UV ,No lead, No Mercury

Parameter

Model NO.	Power (W)	Clear Lumens	Cover Lm/W	
L07G/600mm(2FT)	20	2200	110	Light Source : 2835 CRI Range : 80 / 90 / 95 CCT Range : WW(3000K) NW(4000K) DW(5000K) CW(6500K) AC Input : 220-240V(EU) 100-277V(US) 347V(Ca) Beam Angle : 120° Light Efficiency : 110Lm/W, 140Lm/W Size : 83(W)*63(H) Waterproof : IP66 & IK10 Recommended Installation Height : 3-8M Function : ●Dimmable ●Emergency ●Motion sensor
L07G/900mm(3FT)	30	3300	110	
L07G/1200mm(4FT)	40	4400	110	
L07G/1500mm(5FT)	50	5500	110	
L07G/1500mm-A(5FT)	65	7150	110	
Frosted cover is 10Lm/W less than clear cover Above lumens based on 4000K Ra : 80				



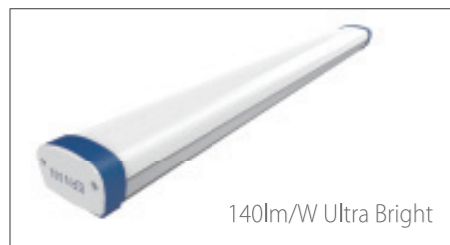
AP(Aluminum & Plastic)
 • Warehouse • Car parks • Corridors



Refrofit the traditional lamp

Refrofit LED Tri-proof Light

T07



OTHER VOLTAGES

 PC 850 C IK06
 Rated voltage 100-277V Frequency 50-60Hz

 +40°C
 -20°C

Refrofit LED Tri-proof Light T07

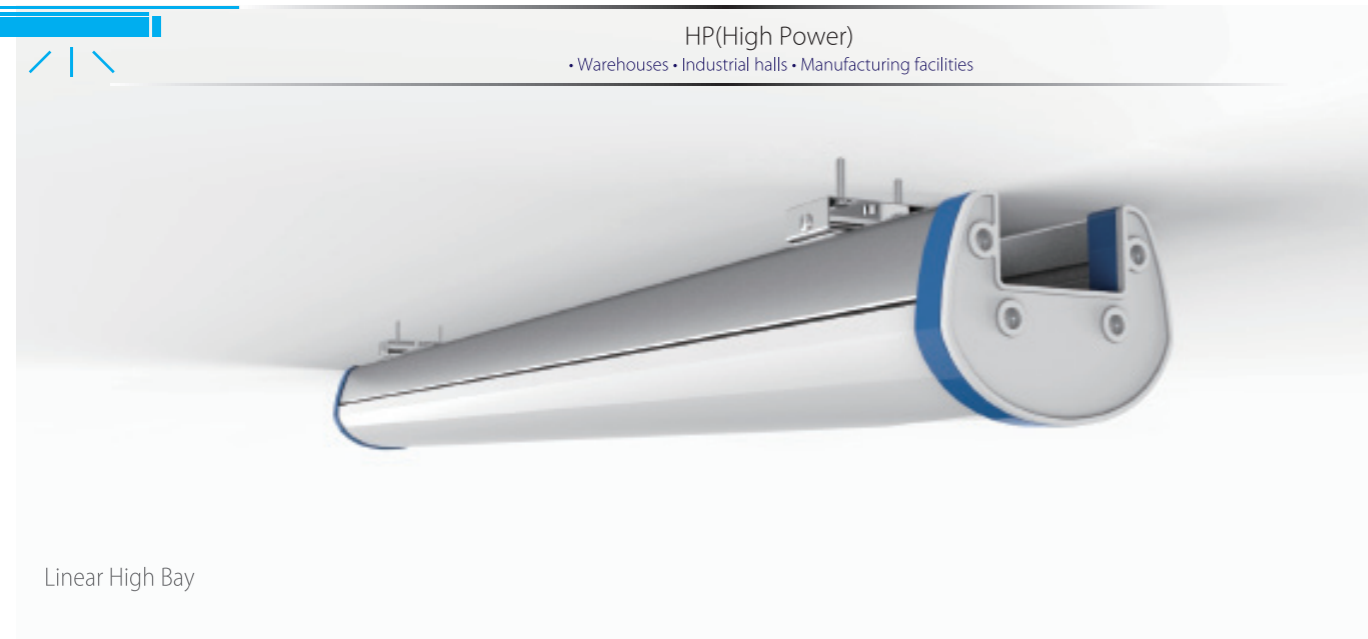
- Tri-proof led fixture for IP65 waterproof, dust, corrosion and pressure-proof
- Patent and functional design with imaginative appearance
- Greatly reducing the costs of the installation
- Special design for 3- 8m application high
- Universal AC input 100-277VAC
- Unique light distribution design for comfortable optic performance
- Suspend and ceiling mounted for convenient installation and maintenance
- Adjustable installation Angle can change the direction of light
- Can be linkable
- Unique heatsink design for stable product performance
- Patented design + Brand driver+ Brand LED
- Product automatic protection (OVP OLP OTP OCP)
- Water proof IP65 rate

Parameter

Model NO.	Power (W)	Clear Lumens	Cover Lm/W	
T07 600mm(2FT)	20	2400	120	Light Source : 2835 CRI Range : 80 / 90 / 95 CCT Range : WW(3000K) NW(4000K) DW(5000K) CW(6500K) AC Input : 220-240V(EU) 100-277V(US) 347V(Ca) Beam Angle : 120° Light Efficiency : 120Lm/W, 150Lm/W Size : 83(W)*55(H) Waterproof : IP65 & IK06 Recommended Installation Height : 3-8M Function : ◦Dimmable ◦Emergency ◦Motion sensor
T07 1200mm(4FT)	40	4800	120	
T07 1500mm(5FT)	50	6000	120	
T07 1500mm(5FT)	65	7800	120	

Frosted cover is 10Lm/W less than clear cover
 Above lumens based on 4000K Ra : 80





Linear High Bay

High power LED Linear Light

L20G



High power LED Linear Light L20G

- Directly replace the tube fixtures
- Save more purchasing and assembling cost
- Convenient installation with linkable connector
- Comfortable optical design without dark space and shadow
- High efficiency and energy saving
- Ultra bright 150lm/W
- Light up the real color with high CRI for fruits and vegetables displays
- Water-proof IP44
- Can get to max 100 watts
- Economic solution for replacing tube fixtures

Parameter

Model NO.	Power (W)	Clear Lumens	Cover Lm/W	
L20G/600mm(2FT)	40	4800	120	Light Source : 2835 CRI Range : 80 / 90 / 95 CCT Range : WW(3000K) NW(4000K) DW(5000K) CW(6500K) AC Input : 220-240V(EU) 100-277V(US) 347V(Ca) Beam Angle : 120° Light Efficiency : 120Lm/W, 150Lm/W Size : 109(W)*85(H) Waterproof : IP44 & IK08 Recommended Installation Height : 3-8M Function : ●Dimmable ○Emergency ●Motion sensor
L20G/900mm(3FT)	60	7200	120	
L20G/1200mm(4FT)	40	4800	120	
L20G/1200mm(4FT)	80	9600	120	
L20G/1500mm(5FT)	50	6000	120	
L20G/1500mm(5FT)	100	12000	120	
Frosted cover is 10Lm/W less than clear cover Above lumens based on 4000K Ra : 80				



T20G

High power LED Tri-proof Light

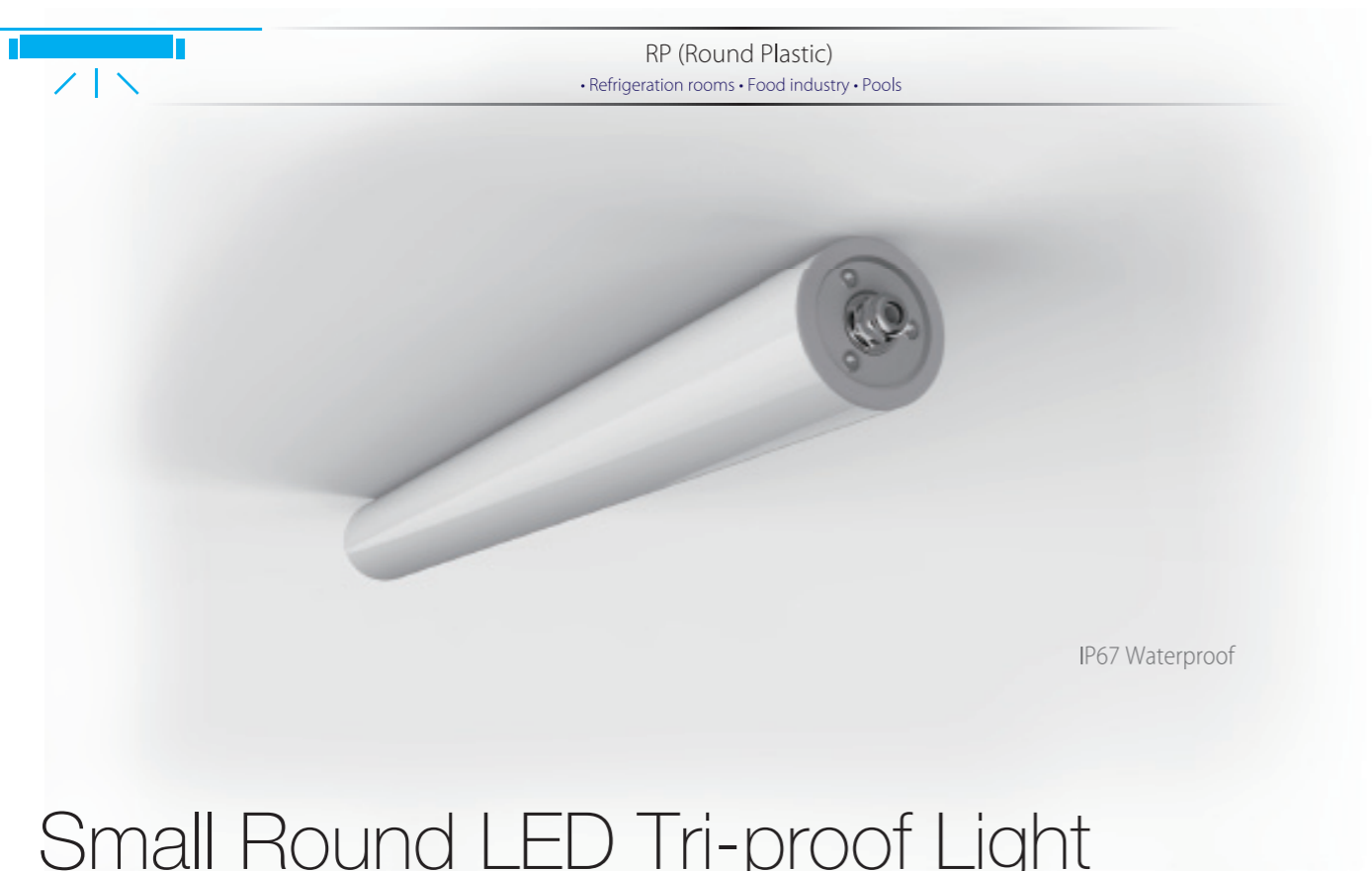
High power LED Tri-proof Light T20G

Tri-proof Patented Design
 Special design for 3-8m application height
 Universal AC 100-240/277V input
 Ultra bright 150lm/w
 Unique light distribution design for comfortable optic performance
 Suspend and ceiling mounted for convenient installation and maintenance
 Adjust installation angle can change the direction of light
 Can be linkable
 Unique heatsink design for stable product performance
 Patented design + Brand driver+ Brand LED
 Product automatic protection (OVP OLP OTP OCP)
 Water proof IP65 rate

Parameter

Model NO.	Power (W)	Clear Lumens	Cover Lm/W	
T20G/600mm(2FT)	40	4800	120	Light Source : 2835 CRI Range : 80 / 90 / 95 CCT Range : WW(3000K) NW(4000K) DW(5000K) CW(6500K) AC Input : 100-240V(EU) 100-277V(US) 347V(Ca) Beam Angle : 140° Light Efficiency : 120Lm/W, 150Lm/W Size : 109(W)*85(H) Waterproof : IP65 & IK10 Recommended Installation Height : 3-8M Function : ●Dimmable ●Emergency ●Motion sensor
T20G/900mm(3FT)	60	7200	120	
T20G/1200mm(4FT)	40	4800	120	
T20G/1200mm(4FT)	80	9600	120	
T20G/1500mm(5FT)	50	6000	120	
T20G/1500mm(5FT)	100	12000	120	
Frosted cover is 10Lm/W less than clear cover Above lumens based on 4000K Ra : 80				





RP (Round Plastic)
• Refrigeration rooms • Food industry • Pools

IP67 Waterproof

Small Round LED Tri-proof Light

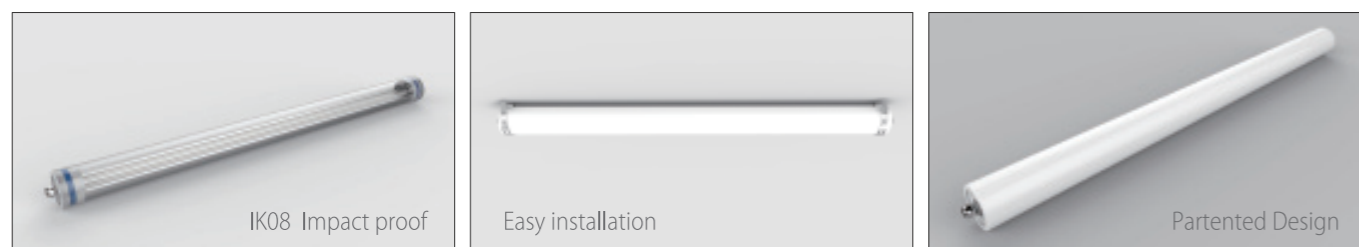
T60

Small Round LED Tri-proof Light T60

- Application for refrigeration rooms • Food industry • Pools.
- IP67 water proof
- IK08 rating indicates excellent resistance to external impacts
- Waterproof dustproof impactproof available
- Different accessories design greatly reducing the costs of the installation
- Tri-proof Patented Design
- Ultra bright 160lm/w
- Unique light distribution design for comfortable optic performance
- Suspend and ceiling mounted for convenient installation and maintenance
- Adjustable installation angle can change the direction of light
- Can be linkable
- Product automatic protection (OVP OLP OTP OCP)

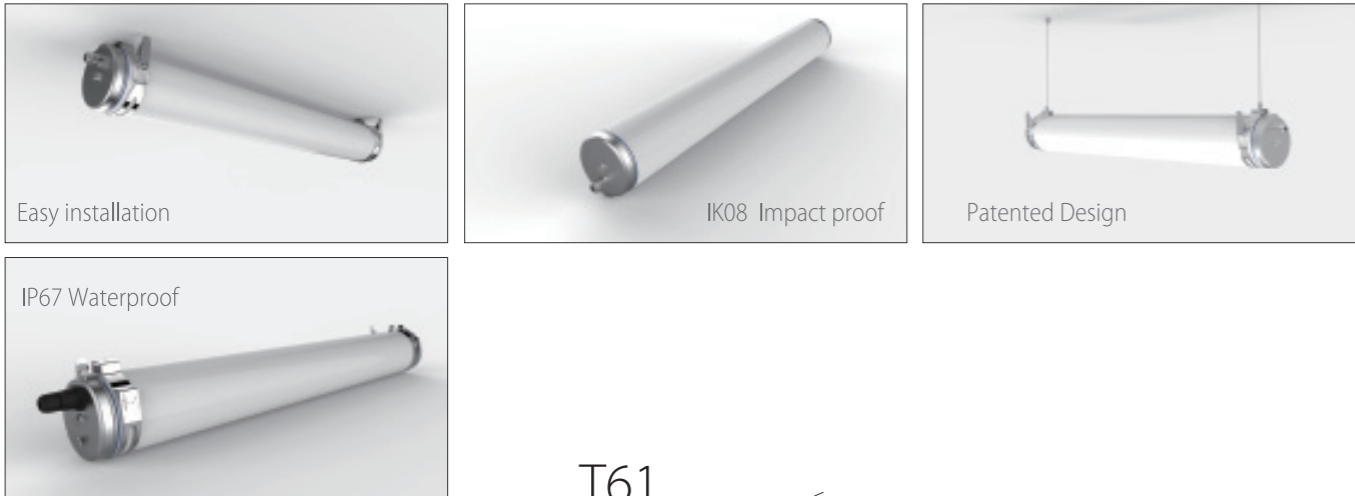
Parameter

Model NO.	Power (W)	Clear Lumens	Cover Lm/W	
T60 600mm	20	2600	130	Light Source : 2835 CRI Range : 80 / 90 / 95 CCT Range : WW(3000K) NW(4000K) DW(5000K) CW(6500K) AC Input : 100-240V(EU) 100-277V(US) 347V(Ca) Beam Angle : 120° Light Efficiency : 130Lm/W, 160Lm/W Size : 70(W)*70(H) Waterproof : IP67 & IK08 Recommended Installation Height : 3-8M Function : <input checked="" type="checkbox"/> Dimmable <input type="checkbox"/> Emergency <input type="checkbox"/> Motion sensor
T60 1200mm	36	4680	130	
T60 1500mm	48	6240	130	
Frosted cover is 10Lm/W less than clear cover Above lumens based on 4000K Ra : 80				



Application:Refrigeration rooms, Food industry, Pools





T61

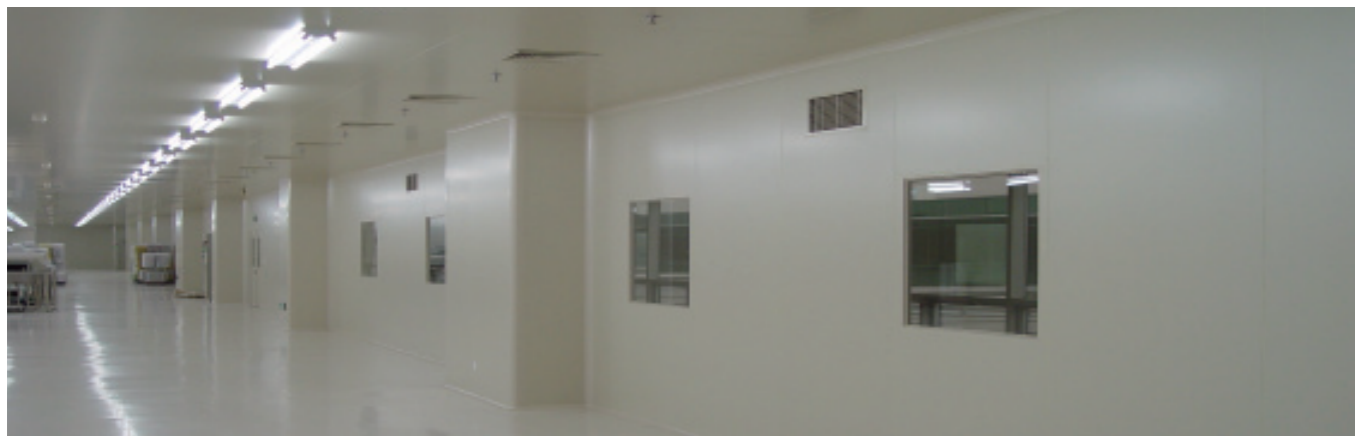
Round LED Tri-proof Light

Round LED Tri-proof Light T61

Application for refrigeration rooms • Food industry • Pools.
IP67 water proof
IK08 rating indicates excellent resistance to external impacts
Waterproof dustproof impactproof available
Different accessories design greatly reducing the costs of the installation
Tri-proof Patented Design
Ultra bright 160lm/w
Unique light distribution design for comfortable optic performance
Suspend and ceiling mounted for convenient installation and maintenance
Adjustable installation angle can change the direction of light
Can be linkable
Product automatic protection (OVP OLP OTP OCP)

Parameter

Model NO.	Power (W)	Clear Lumens	Cover Lm/W	
T61 600mm	20	2600	130	Light Source : 2835 CRI Range : 80 / 90 / 95 CCT Range : WW(3000K) NW(4000K) DW(5000K) CW(6500K) AC Input : 100-240V(EU) 100-277V(US) 347V(Ca) Beam Angle : 120° Light Efficiency : 130Lm/W, 160Lm/W Size : 113(W)*110(H) Waterproof : IP67 & IK08 Recommended Installation Height : 3-8M Function : <input checked="" type="checkbox"/> Dimmable <input type="checkbox"/> Emergency <input checked="" type="checkbox"/> Motion sensor
T61 1200mm	40	5200	130	
T61 1200mm	50	6500	130	
T61 1500mm	50	6500	130	
T61 1500mm-A	60	7800	130	
Frosted cover is 10Lm/W less than clear cover Above lumens based on 4000K Ra : 80				



Rated voltage 100-277V Frequency 50-60Hz $+40^{\circ}\text{C}$ -20°C





T40

Mini LED Tri-proof Light

Mini LED Tri-proof Light T40

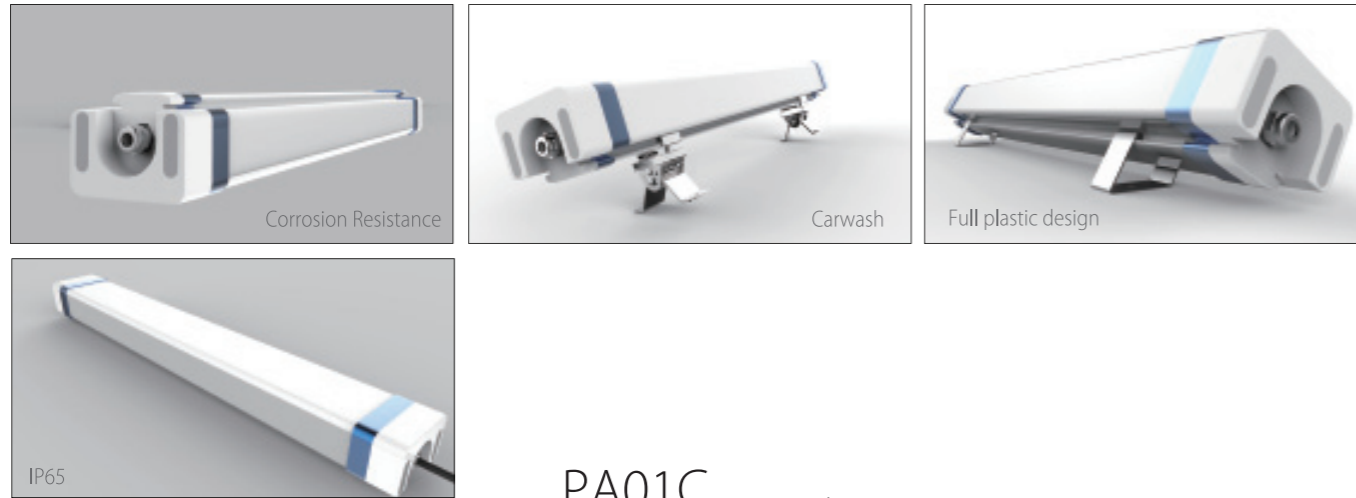
Mini LED Tri-proof Light for 2-4m height of application
 IP66 waterproof , dust-proof , corrosion and pressure-proof
 Widely used with multifunction design
 Full plastic design enhance the waterproof performance
 Patent and functional design with imaginative appearance
 Unique light distribution design for comfortable optic performance
 Multiple installation way can be save the labor cost
 Product automatic protection OVP OLP OTP OCP
 No UV, No Lead , No Mercury

Parameter

Model NO.	Power (W)	Clear Lumens	Cover Lm/W	
T40/600mm	20	2400	120	Light Source : 2835 CRI Range : 80 / 90 / 95 CCT Range : WW(3000K) NW(4000K) DW(5000K) CW(6500K) AC Input : 220-240V(EU) 100-277V(US) 347V(Ca) Beam Angle : 120° Light Efficiency : 120Lm/W, 150Lm/W Size : 55(W)*55(H) Waterproof : IP65 & IK08 Recommended Installation Height : 2-6M Function : ●Dimmable ○Emergency ○Motion sensor
T40/900mm	25	3000	120	
T40/1200mm	30	3600	120	
T40/1500mm	35	4200	120	
Frosted cover is 10Lm/W less than clear cover Above lumens based on 4000K Ra : 80				



FP(Full Plastic)
 • Food industry(PC) • Car Wash(PA)



PA01C

Anticorrosion&Anti-oil LED Tri-proof Light



Anticorrosion&Anti-oil LED Tri-proof Light PA01C

Acid proof, Alkali proof, Ammonia proof, Oil proof, Corrosion proof
 Install application as carwash, chicken farm, pig farm, flour mill and food factory
 Water proof IP65 rate
 Special material for corrosion resistance
 Universal AC input 90-305VAC
 Suspending and ceiling mounted for convenient installation and maintenance
 Patented design + Brand driver+ Brand LED
 Product automatic protection (OVP OLP OTP OCP)

Parameter

Model NO.	Power (W)	Clear Lumens	Cover Lm/W	
PA01C/600mm	20	2200	110	Light Source : 2835 CRI Range : 80 / 90 / 95 CCT Range : WW(3000K) NW(4000K) DW(5000K) CW(6500K) AC Input : 220-240V(EU) 100-277V(US) 347V(Ca) Beam Angle : 120° Light Efficiency : 110Lm/W, 140Lm/W Size : 83(W)*63(H) Waterproof : IP65 & IK08 Recommended Installation Height : 3-8M Function : ●Dimmable ○Emergency ●Motion sensor
PA01C/900mm	30	3300	110	
PA01C/1200mm	40	4400	110	
PA01C/1500mm	50	5500	110	
Frosted cover is 10Lm/W less than clear cover Above lumens based on 4000K Ra : 80				



Tri-proof Light Accessories List

L07G Accessories

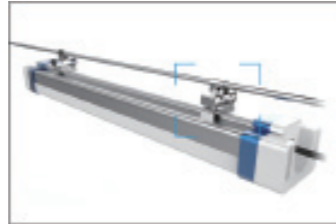
Water-proof Linkable connector



45°Adjustable bracket



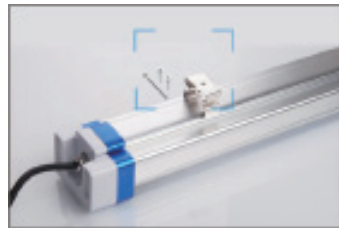
Sling Bracket



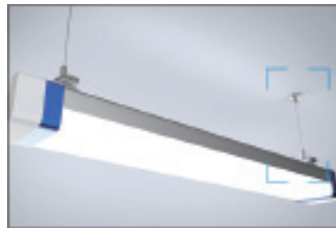
Ceiling Bracket



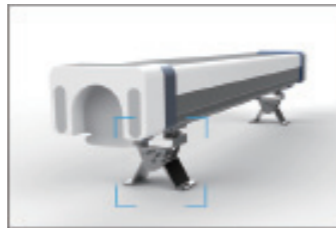
Ceiling Bracket



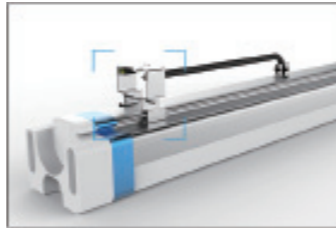
Suspending steel



Adjustable Bracket

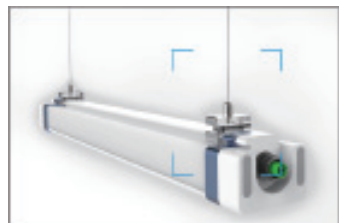


Ceiling Bracket

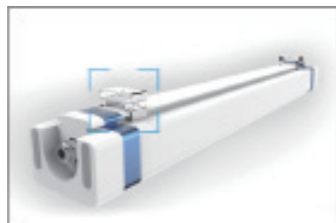


PA01C Accessories

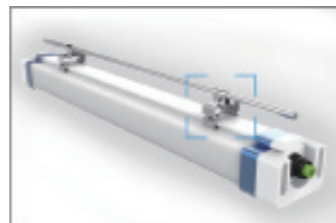
Suspending steel



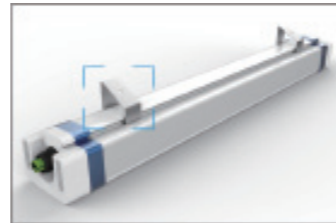
Ceiling Bracket



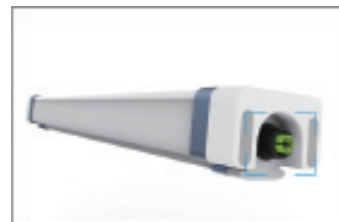
Sling Bracket



45°Adjustable bracket



Water-proof Linkable connector

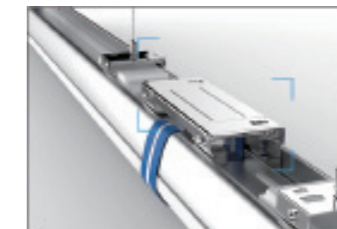


Adjustable Bracket

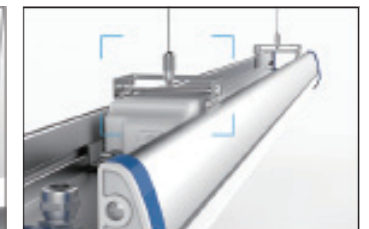


L20G Accessories

Linkable Bracket



Suspending steel



Ceiling Bracket

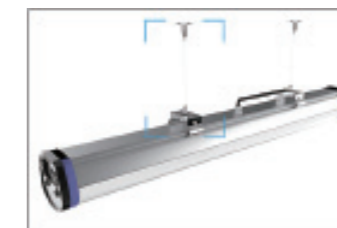


Adjustable Bracket

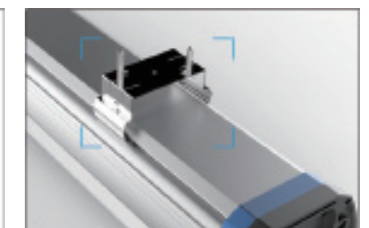


T20G Accessories

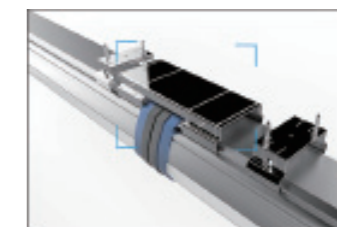
Suspending steel



Ceiling Bracket



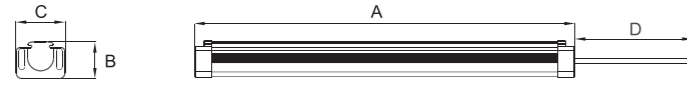
Linkable Bracket



Adjustable Bracket

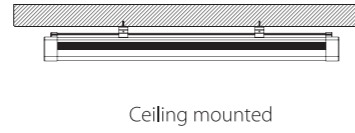
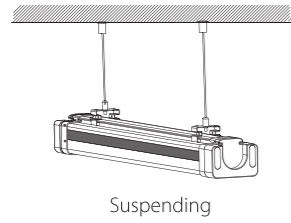


■ Product Dimension



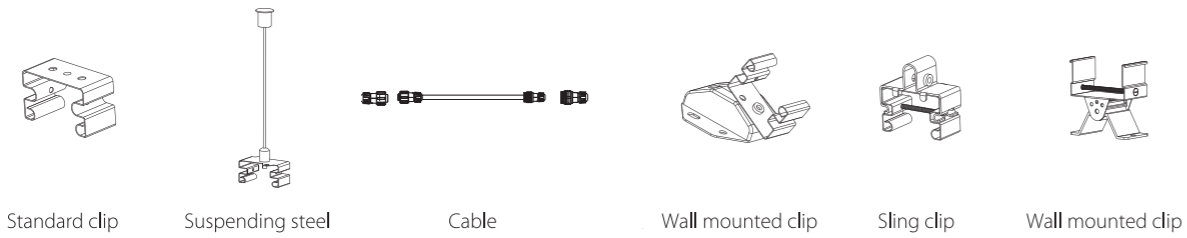
Model NO.	Size A(mm)	Size B(mm)	Size C(mm)	Size D(mm)
L07G 600mm	600	63	83	1000
L07G 900mm	900	63	83	1000
L07G 1200mm	1200	63	83	1000
L07G 1500mm	1500	63	83	1000
L07G 1500mm-A	1500	63	83	1000

■ Installation

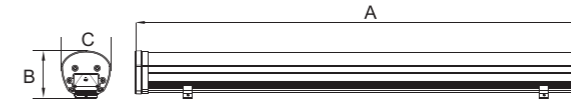


■ Recommended installation height: 2-6m

■ Accessories list

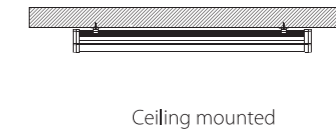
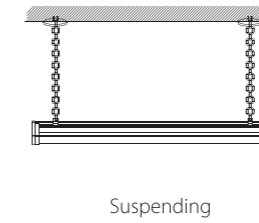


■ Product Dimension



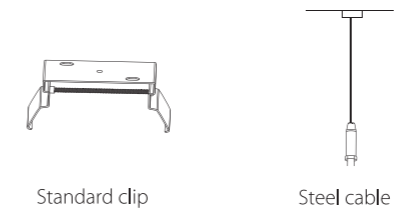
Model NO.	Size A(mm)	Size B(mm)	Size C(mm)
T20G 600mm	600	85	109
T20G 900mm	900	85	109
T20G 1200mm	1200	85	109
T20G 1500mm	1500	85	109

■ Installation



■ Recommended installation height: 3-8m

■ Accessories list





LED HIGH BAY LIGHT

APPLICATION

Industrial	Education	Semi-outdoor	Shop & Retail	Architectural
Warehouses	Classrooms	Car parks	Shopping mall	Exhibition center
Production halls	Cafeterias	Pools	Supermarkets	Library
Food industry	Auditorium	Airports	Retail stores	Art Museum
Parking areas	Sports halls	Train stations	Food	Concert hall
Farms	Chemical Lab	Gas stations		Museum
Refrigeration rooms	Pools	Bus stations		
		Park		
		Toll stations		

Temperature Characteristics T-ambient 25°

Temperature

Operating -30~+50°C
Storage -40~+85°C

Electrical Characteristics

Input Voltage:
US: AC100~277V 50/60Hz
EU: AC100~240V 50/60Hz
Ca: AC347V 50/60Hz
PF:≥0.93 THD<20%
Power Efficiency:≥0.9

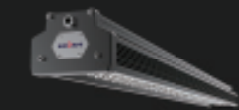
Square LED High Bay
H07 (60-320W)
37-38



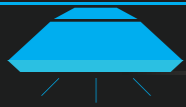
Compact LED High Bay
H03CO (80-240W)
39-40



Linear LED High Bay
H05CO (60-150W)
41-42

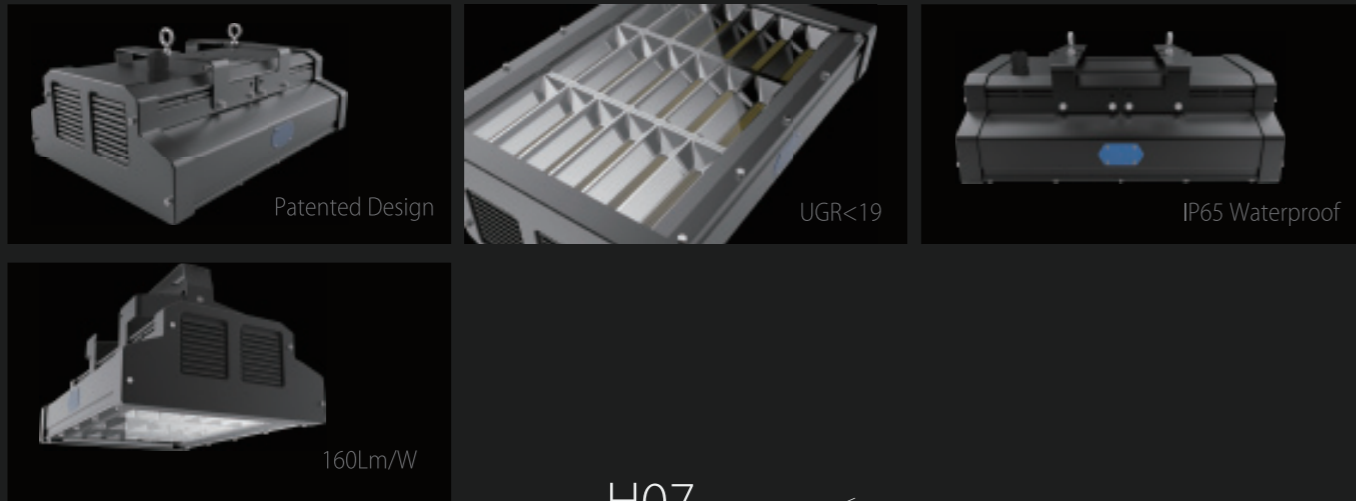






Square High Bay

• Industrial • Education • Semi-outdoor • Shop & Retail • Architectural



H07

Square LED High Bay

Square LED High Bay H07

- Square LED high bay more suit industry requirement
- UGR<19 make optical more comfortable
- 160lm/W urtral bright get more energy save
- Loop hang and wall mounted for convenient installation and maintenance
- Unique heatsink design for stable product performance
- Bulit-in active PFC function
- Patented design + Brand driver+ Brand LED
- Product automatic protection (OVP OLP OTP OCP)
- Water proof IP65 rate

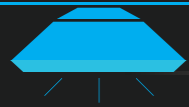
Parameter

Model NO.	Power (W)	Clear Cover (Without reflector)	
		Lumens	Lm/W
H07 289mm	80	12800	160
H07 411mm	120	19200	160
H07 532mm	160	25600	160
H07 654mm	200	32000	160
H07 775mm	240	38400	160
H07 897mm	280	44800	160
H07 1018mm	320	51200	160

Above lumens based on 4000K Ra : 80

Light Source : 3030
 CRI Range : 70 / 80 / 90
 CCT Range : WW(3000K) NW(4000K) DW(5000K) CW(6500K)
 AC Input : 100-240V(EU) 100-277V & 480V(US) 347V(Ca)
 Beam Angle : 60x90°
 Light Efficiency : 160Lm/W
 Size : 289(W)*130(H)
 Waterproof : IP65 & IK10(Toughened glass IK08)
 Recommended Installation Height : 6-12M
 Function : Dimmable Emergency Motion sensor





Compact High Bay

• Industrial • Education • Semi-outdoor • Shop & Retail • Architectural



Patented Design

Compact LED High Bay

H03CO



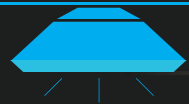
Compact LED High Bay H03CO

- UFO High Bay Patented Design
- 4 Series products can meet the demands of different customers and markets
- Universal AC 90-305V input
- Loop hang and wall mounted for convenient installation and maintenance
- 60°/90°/110° beam angle with Lens and reflector
- Unique heatsink design for stable product performance
- Built-in active PFC function
- Patented design + Brand driver+ Brand LED
- Product automatic protection (OVP OLP OTP OCP)
- Water proof IP65 rate

Parameter

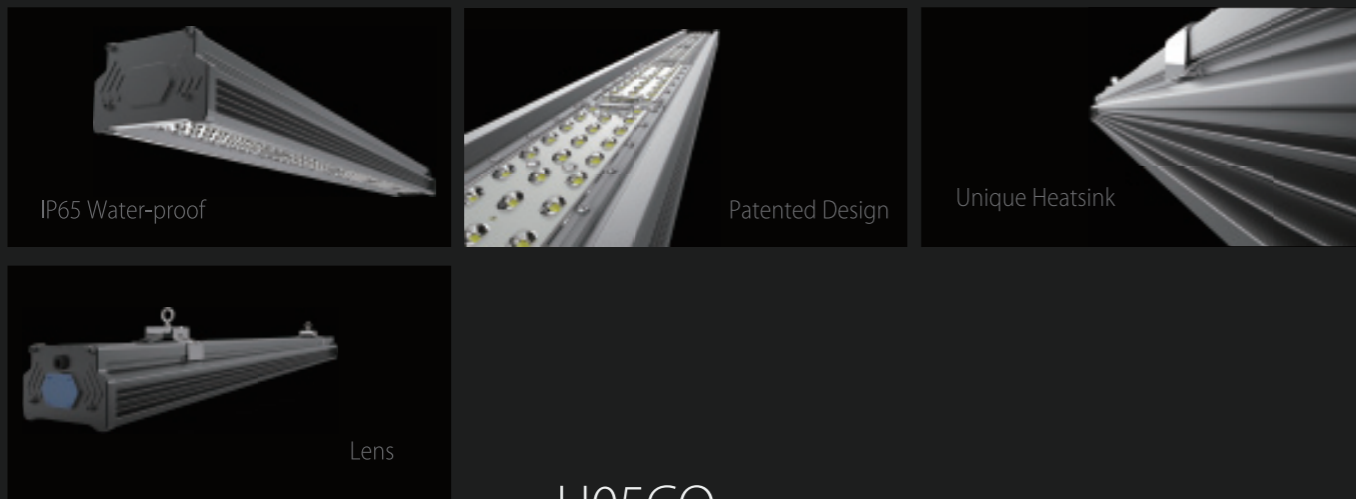
Model NO.	Power (W)	Clear Cover (Without reflector)		
		Lumens	Lm/W	
H03CO-10NC-R380	100	13000	130	Light Source : 3030 CRI Range : 70 / 80 / 90 CCT Range : WW(3000K) NW(4000K) DW(5000K) CW(6500K) AC Input : 100-240V(EU) 100-277V & 480V(US) 347V(Ca) Beam Angle : 60° / 90° / 110° Light Efficiency : 130Lm/W, 140Lm/W, 150Lm/W Size : Ø380*220(H) / Ø320*195(H) Waterproof : IP65 & IK08 Recommended Installation Height : 6-12M Function : ●Dimmable ○Emergency ●Motion sensor
H03CO-15NC-R380	150	19500	130	
H03CO-20NC-R380	200	26000	130	
H03CO-24NC-R380	240	31200	130	
H03CO-08NC-R320	80	10400	130	
H03CO-10NC-R320	100	13000	130	
H03CO-12NC-R320	120	15600	130	
H03CO-15NC-R320	150	19500	130	
Above lumens based on 4000K Ra : 80				





Linear High Bay

• Industrial • Education • Semi-outdoor • Shop & Retail • Architectural



H05CO

Linear LED High Bay



Linear LED High Bay H05CO

Linear LED High Bay patented design
 4 series products can meet the demand of different customers and markets
 Universal AC input 90-305VAC
 Loop hang and wall mount for convenient installation and maintenance
 Between lamp and lamp can be spliced
 30x70°/60x90°/90x150°beam angle with Lens
 Unique heatsink design for stable product performance
 Built-in active PFC function
 Patented design + Brand driver+ Brand LED
 Product automatic protection (OVP OLP OTP OCP)
 Water proof IP65 rate

Parameter

Model NO.	Power (W)	Clear Cover (Without reflector)	
		Lumens	Lm/W
H05CO/600mm	60	7200	120
H05CO/900mm	90	10800	120
H05CO/1200mm	120	14400	120
H05CO/1500mm	150	18000	120

Above lumens based on 4000K Ra : 80

Light Source : 3030
 CRI Range : 70 / 80 / 90
 CCT Range : WW(3000K) NW(4000K) DW(5000K) CW(6500K)
 AC Input : 100-240V(EU) 100-277V & 480V(US) 347V(Ca)
 Beam Angle : 30x70° / 60x90° / 90x150°
 Light Efficiency : 120Lm/W, 150Lm/W
 Size : 142(W)*155(H)
 Waterproof : IP65 & IK08
 Recommended Installation Height : 6-12M
 Function : ●Dimmable ○Emergency ●Motion sensor



High Bay Accessories List

H03CO Accessories

Hook



Adjustable bracket



USA Hook



Motion Sensor



Alu Reflector



Iron chain



Water Proof Connector

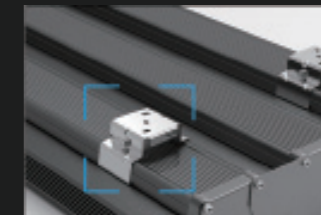


Climbing hook

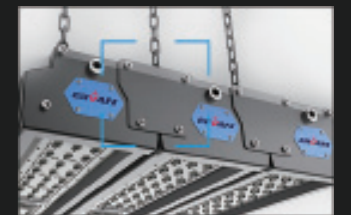


H05CO Accessories

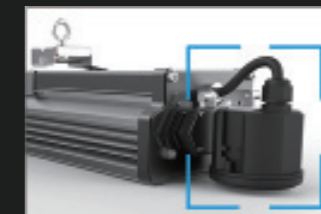
Ceiling Bracket



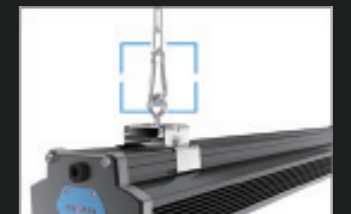
Spliced Card



Motion Sensor



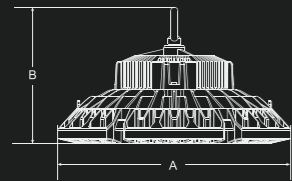
Climbing hook



Iron chain

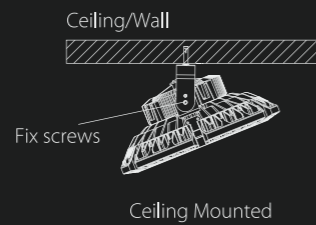
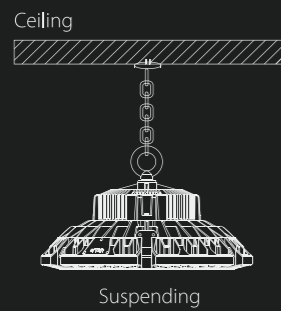


■ Product Dimension



Model NO.	Size A(mm)	Size B(mm)
H03CO-XXNC-R380	380	220
H03CO-XXNC-R320	320	195

■ Installation

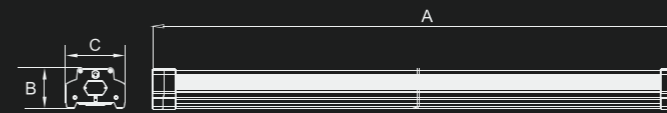


■ Recommended installation height: 6-12m

■ Accessories list

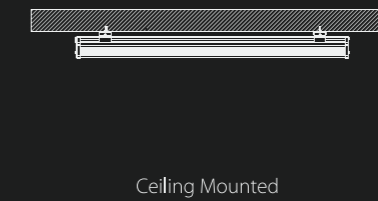
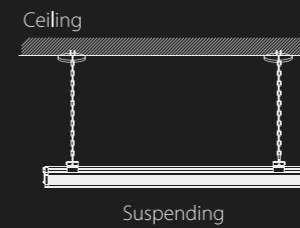


■ Product Dimension



Model NO.	Size A(mm)	Size B(mm)	Size C(mm)
H05CO 600mm	670	97	142
H05CO 900mm	970	97	142
H05CO 1200mm	1270	97	142
H05CO 1500mm	1570	97	142

■ Installation



■ Recommended installation height: 6-12m

■ Accessories list





Indoor

Indoor

Ervan provides LED lighting for indoor application such as airport, office, shopping mall, hotel, exhibition center, gas station ect. We are not just to provide the LED lighting with high quality, unique design and smart functions, but also to make the area with optimum lighting atmospheres to stay or work.

LED Tube Light



LED Tube Light

LED Panel Light



Built in LED Panel Light



Recessed LED Panel Light



Suspending LED Panel Light



Commercial Light
(Indoor)



LED TUBE LIGHT

APPLICATION

Office Corridors and stairways Meeting rooms Entrance areas Open-plan offices Offices Sanitary areas	Education Classrooms Cafeterias Auditorium Sports halls Chemical Lab Pools	Health & Care Normal care Intensive care OR sector Examination rooms Sanitary areas	Shop & Retail Shopping mall Supermarkets Retail stores Food	Architectural Exhibition center Library Art Museum Concert hall Museum
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Temperature Characteristics T-ambient 25°

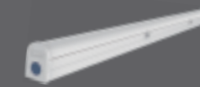
Temperature	Humidity
Operating -20~+40°C	Operating 10%-80%
Storage -40~+85°C	Storage 10%-80%

Electrical Characteristics

Input Voltage: US: AC100~277V 50/60Hz EU: AC220~240V 50/60Hz Ca: AC347V 50/60Hz	PF:≥0.93 THD<20% Power Efficiency:≥0.9
---	---

Linear LED Fixture

Linear LED Light Fixture
L01 (15-54W)
55-56



T8 LED Tube

Professional T8 LED Tube
L05G-H (11-36W)
57-58

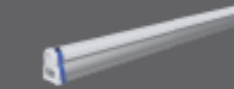


Internal Driver T8 LED Tube
L05C (9-36W)
59-60



T5 LED Tube

Integrated T5 LED Tube
T5-AE (11-30W)
61-62

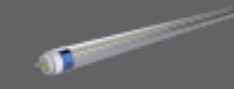


Internal Driver T5 LED Tube
L60G (11-30W)
63-64

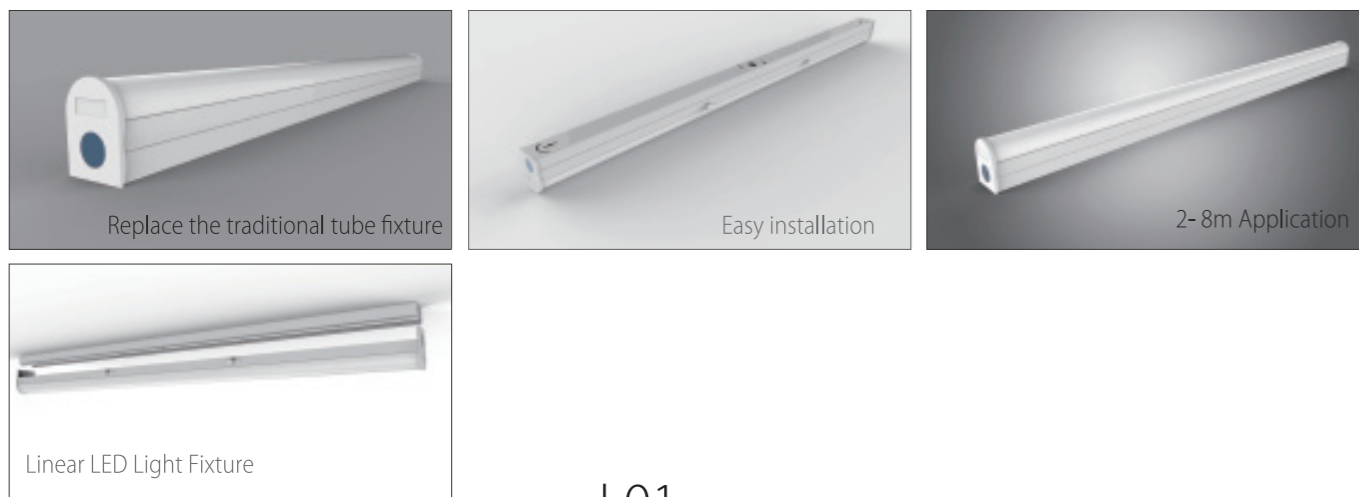


T8 Multi-angle LED Tube

Multi-angle 70° / 2*120° / 220° Beam Angle
L05G-T/L06G / L06G-V (11-30W)
65-66







L01

Linear LED Light Fixture



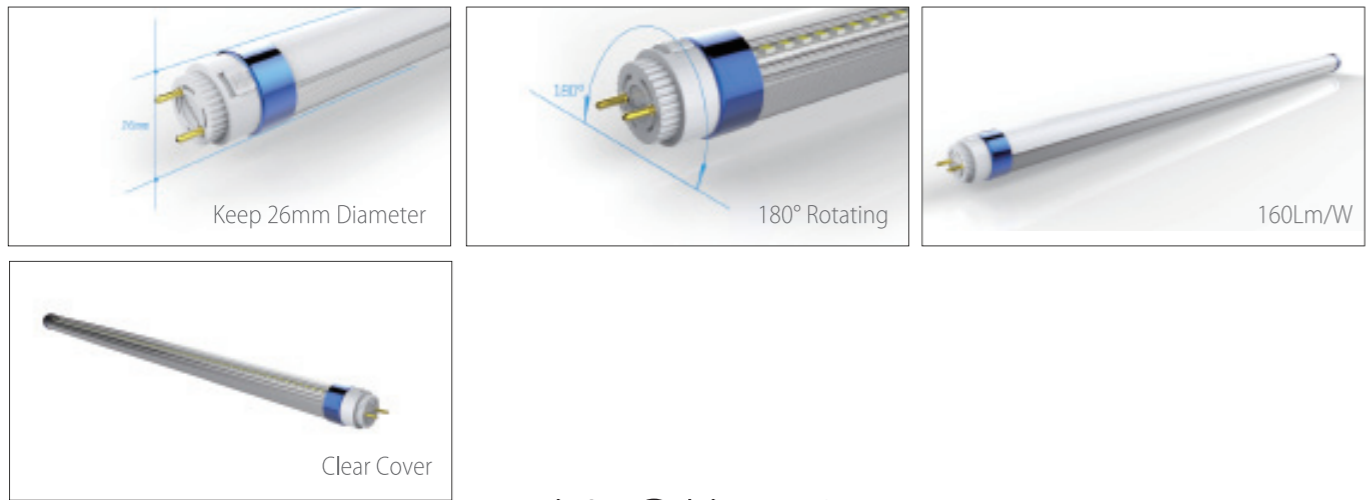
Linear LED Light Fixture L01

Linear LED Light Fixture
Can replace traditional fixture tubes
Universal AC input 100-277VAC
Provide ceiling mounted and retrofit installation way
50% energy save and label cost
2 ways of installation greatly reducing the costs of the installation
Special design for 2-8m application high
Ultra bright 150lm/w
Unique light distribution design for comfortable optic performance
Unique heatsink design for stable product performance
Product automatic protection (OVP OLP OTP OCP)

Parameter

Model NO.	Power (W)	Frosted Lumens	Cover Lm/W	
L01 600mm(2FT)	9	1080	120	Light Source : 2835 CRI Range : 80 / 90 / 95 CCT Range : WW(3000K) NW(4000K) DW(5000K) CW(6500K) AC Input : 220-240V(EU) 100-277V(US) 347V(Ca) Beam Angle : 120° Light Efficiency : 120Lm/W, 150Lm/W Size : 109(W)*84(H) Waterproof : IP20 & IK03 Recommended Installation Height : 2-8M Function : ●Dimmable ○Emergency ○Motion sensor
L01 1200mm(4FT)	15	1800	120	
L01 1200mm(4FT)	24	2880	120	
L01 1200mm(4FT)	36	4320	120	
L01 1500mm(5FT)	36	4320	120	
L01 1500mm(5FT)	54	6780	120	
Above lumens based on 4000K Ra: 80				





L05G-H Professional T8 LED Tube Light



Professional T8 LED Tube L05G-H

- 160lm/w ultra bright
- Patented 180Deg rotating end cap design for the best lighting result
- Just replace starter with Ervan LED fuse for retrofit
- Single end power anti electric shock ensures safety
- Maximum efficacy and minimum glare
- High-tech optical design
- TUV/UL certification

Parameter

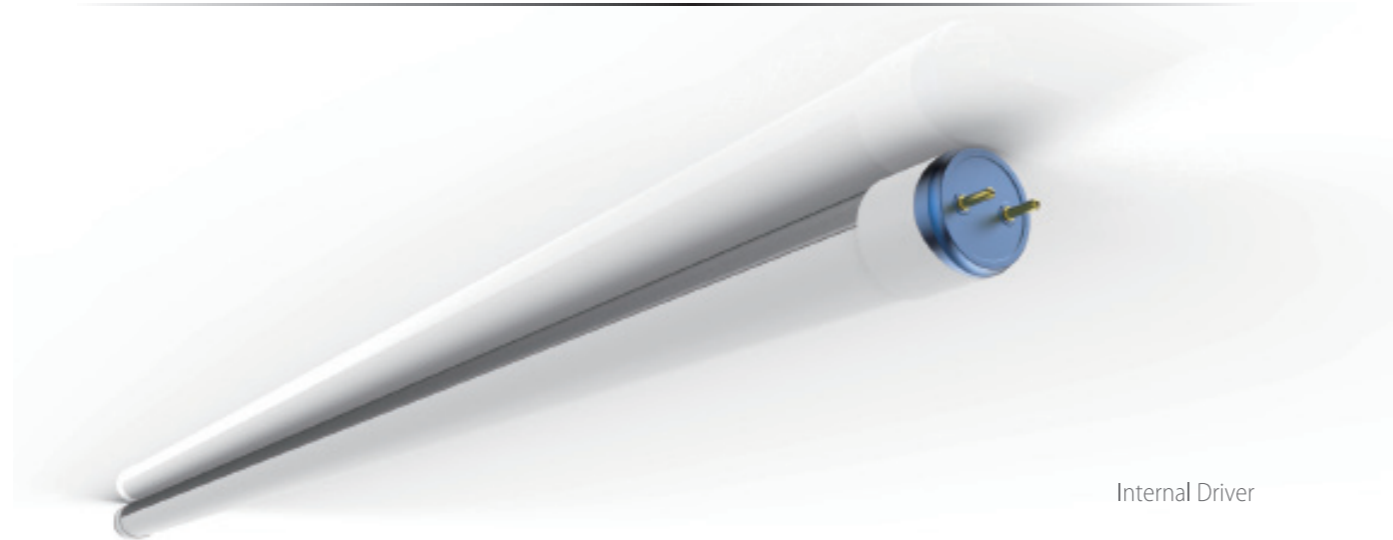
Model NO.	Power (W)	Clear Lumens	Cover Lm/W
L05G-H/600mm(2FT)	11	1430	130
L05G-H/900mm(3FT)	17	2210	130
L05G-H/1200mm(4FT)	20	2600	130
L05G-H/1500mm(5FT)	24	3120	130
L05G-H/1500mm(5FT)	30	3900	130
L05G-H/1800mm(6FT)	30	3900	130
L05G-H/2400mm(8FT)	36	4680	130

Light Source : 2835
 CRI Range : 80 / 90 / 95
 CCT Range : WW(3000K) NW(4000K) DW(5000K) CW(6500K)
 AC Input : 220-240V(EU) 100-277V(US) 347V(Ca)
 Beam Angle : 120°
 Light Efficiency : 130Lm/W, 160Lm/W
 Size : Ø26mm
 Waterproof : IP20
 Recommended Installation Height : 3-8M
 Function : ●Dimmable ●Emergency ○Motion sensor

Forsted cover is 10Lm/W less than clear cover
 Above lumens based on 4000K Ra : 80

WELAND 1h/3h OTHER VOLTAGES DALI Dimmable PC 850°C Rated voltage 100-277V Frequency 50-60Hz +40°C -20°C

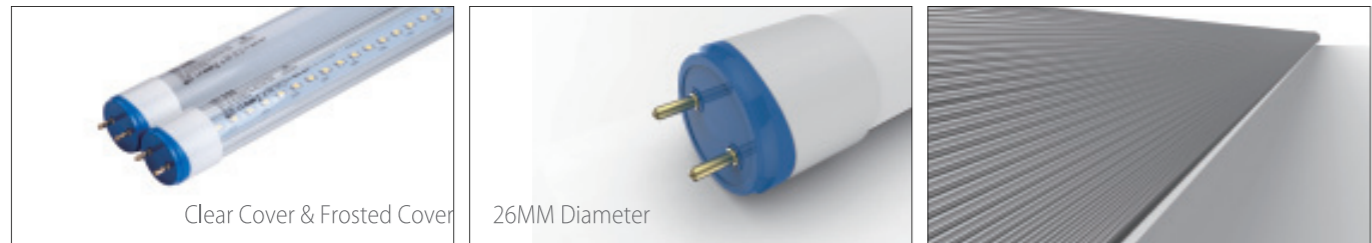




Internal Driver

Internal Driver T8 LED Tube

L05C



WELAND 1h/3h OTHER VOLTAGES PC 850 C Rated voltage 100-277V Frequency 50-60Hz +40°C -20°C

Internal Driver T8 LED Tube L05C

Just replace starter with Ervan LED fuse for retrofit
 Single end power anti electric shock ensures safety
 Maximum efficacy and minimum glare
 High-tech optical design

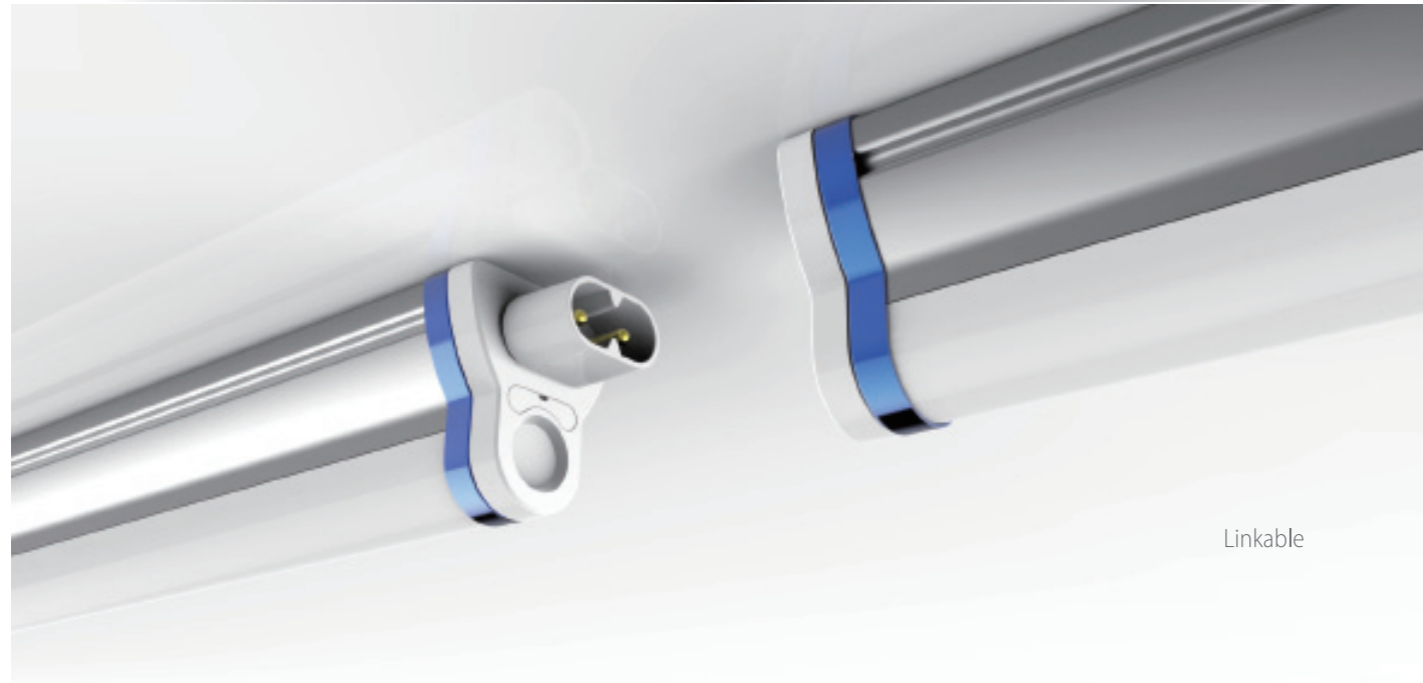
Parameter

Model NO.	Power (W)	Clear Lumens	Cover Lm/W	
L05C/600mm(2FT)	11	1430	130	Light Source : 2835 CRI Range : 80 / 90 / 95 CCT Range : WW(3000K) NW(4000K) DW(5000K) CW(6500K) AC Input : 220-240V(EU) 100-277V(US) 347V(Ca) Beam Angle : 120° Light Efficiency : 130Lm/W, 160Lm/W Size : Ø26mm Waterproof : IP20 Recommended Installation Height : 2-6M Function : ●Dimmable ●Emergency ○Motion sensor
L05C/900mm(3FT)	17	2210	130	
L05C/1200mm(4FT)	20	2600	130	
L05C/1500mm(5FT)	24	3120	130	
L05C/1500mm(5FT)	30	3900	130	
Frosted cover is 10Lm/W less than clear cover Above lumens based on 4000K Ra : 80				



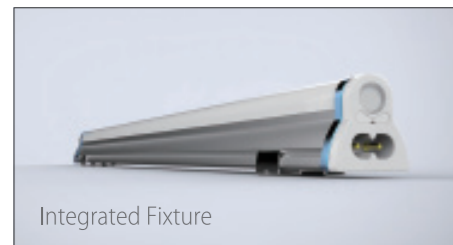
T5 LED Tube

• Hospital • Supermarkets • Shopping mall • School



Integrated T5 LED Tube

T5-AE



Integrated Fixture



With Switch



Suspending



Integrated T5 LED Tube T5-AE

- Quick installation and easy maintenance
- Aluminum PCB better heat dissipation than FR4
- Maximum efficacy and minimum glare
- High-tech optical design

Parameter

Model NO.	Power (W)	Clear Lumens	Cover Lm/W	
T5-AE/600mm(2FT)	11	1320	120	Light Source : 2835 CRI Range : 80 / 90 / 95 CCT Range : WW(3000K) NW(4000K) DW(5000K) CW(6500K) AC Input : 100-240V(EU) 100-277V(US) 347V(Ca) Beam Angle : 120° Light Efficiency : 120Lm/W, 150Lm/W Size : 29(W)*33(H)mm Waterproof : IP20 & IK03 Recommended Installation Height : 3-8M Function : ◦Dimmable ◦Emergency ◦Motion sensor
T5-AE/900mm(3FT)	17	2040	120	
T5-AE/1200mm(4FT)	20	2400	120	
T5-AE/1500mm(5FT)	24	2880	120	
T5-AE /1500mm(5FT)	30	3600	120	
Frosted cover is 10Lm/W less than clear cover Above lumens based on 4000K Ra : 80				

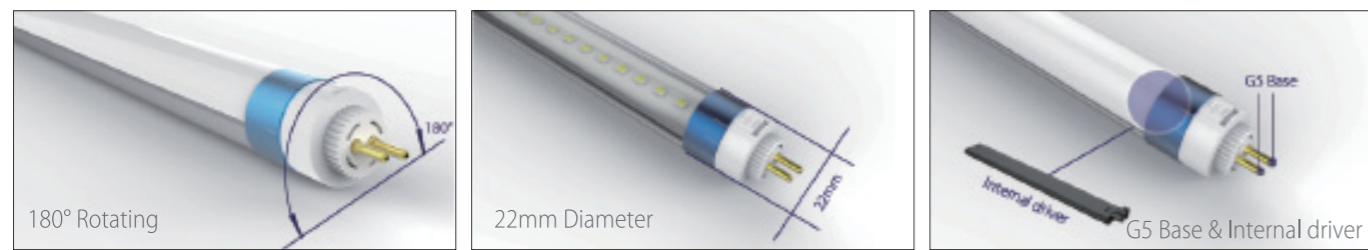




Internal Driver

Internal Driver T5 LED Tube

L60G



OTHER VOLTAGES
 DALI
 Dimmable
 PC
 850 C
 Rated voltage 100-277V
 Frequency 50-60Hz
 +40°C
 -20°C

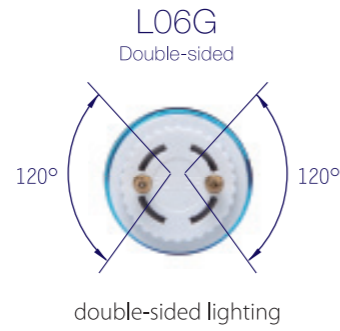
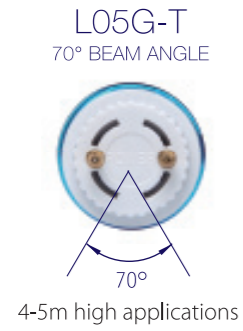
Internal Driver T5 LED Tube L60G

Best solution for traditional fluorescent T5 retrofit
 Patented 180Deg rotating end cap design for the best lighting result
 Single end power anti electric shock ensures safety
 Maximum efficacy and minimum glare
 High-tech optical design
 T6 tube with T5 base
 Internal LED driver for convenient installation

Parameter

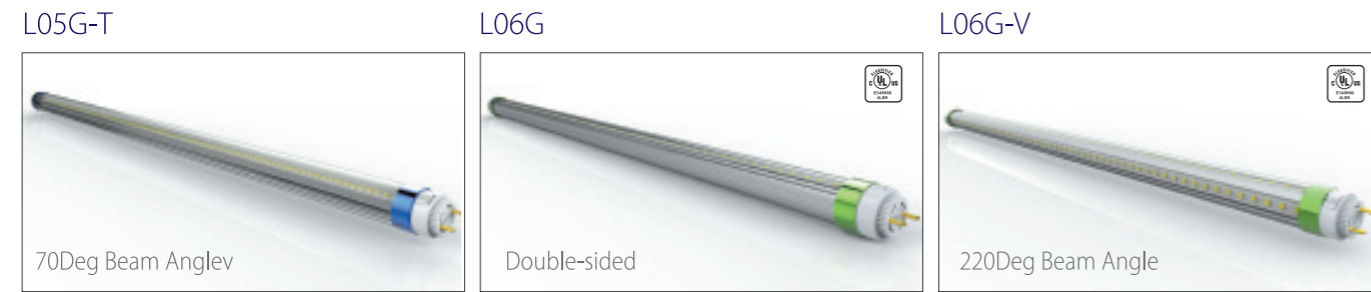
Model NO.	Power (W)	Clear Lumens	Cover Lm/W	
L60G/600MM(2FT)	11	1430	130	Light Source : 2835 CRI Range : 80 / 90 / 95 CCT Range : WW(3000K) NW(4000K) DW(5000K) CW(6500K) AC Input : 220-240V(EU) 100-277V(US) 347V(Ca) Beam Angle : 120° Light Efficiency : 130Lm/W, 160Lm/W Size : Ø22mm Waterproof : IP20 Recommended Installation Height : 2-6M Function : ◦Dimmable ◦Emergency ◦Motion sensor
L60G/900MM(3FT)	17	2210	130	
L60G/1200MM(4FT)	20	2600	130	
L60G/1500MM(5FT)	24	3120	130	
L60G/1500MM(5FT)	30	3900	130	
Frosted cover is 10Lm/W less than clear cover Above lumens based on 4000K Ra : 80				





Multi-Angle LED Tube

L05G-T/L06G/L06G-V



Multi-Angle LED Tube L05G-T/L06G/L06G-V

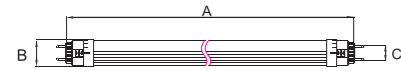
- Three different beam angles provide many wide application
- Patented 180Deg rotating end cap design for the best lighting result
- Aluminum PCB better heat dissipation than FR4
- Just replace starter with Ervan LED fuse for retrofit
- Single end power anti electric shock ensures safety
- Maximum efficacy and minimum glare
- High-tech optical design
- Isolated driver inside

Parameter

Model NO.	Power (W)	Clear Lumens	Cover Lm/W	
L05G-T/600mm(2FT)	11	1265	115	Light Source : 2835 CRI Range : 80 / 90 / 95 CCT Range : WW(3000K) NW(4000K) DW(5000K) CW(6500K) AC Input : 100-240V(EU) 100-277V(US) 347V(Ca) Beam Angle : 70°(L05G-T) , 2*120°(L06G) , 220°(L06G-V) Light Efficiency : 115Lm/W, 145Lm/W Size : 26mm(Ø) Waterproof : IP20 Recommended Installation Height : 3-8M Function : ●Dimmable ○Emergency ○Motion sensor
L06G/L06G-V/600mm(2FT)	15	1955	115	
L0XX/900mm(3FT)	17	1955	115	
L0XX/1200mm(4FT)	20	2300	115	
L0XX/1500mm(5FT)	24	2760	115	
L0XX/1500mm(5FT)	30	3450	115	
Frosted cover is 10Lm/W less than clear cover Above lumens based on 4000K Ra : 80				



Product Dimension

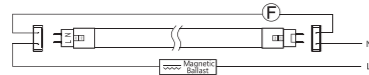


Model NO.	Size A (mm)	Size B(mm)	Size C(Base)
L05G-H/600mm(2FT)	588	26	G13
L05G-H/900mm(3FT)	894	26	G13
L05G-H/1200mm(4FT)	1198	26	G13
L05G-H/1500mm(5FT)	1498	26	G13
L05G-H/1800mm(6FT)	1798	26	G13
L05G-H/2400mm(8FT)	2398	26	G13

Installation

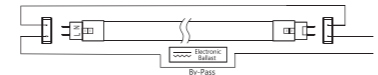
A.Installation for Europe

1. Installation For Magnetic Ballast

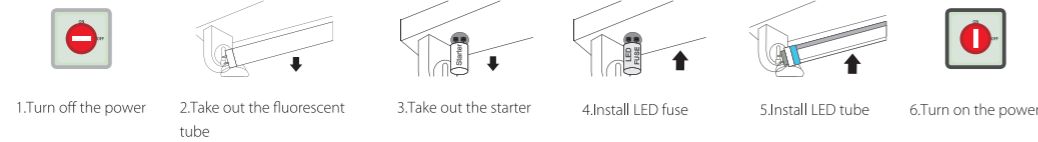


ATTENTION Just replace starter with fuse for retrofit only suitable for battens with magnetic ballast, not electronic ballast

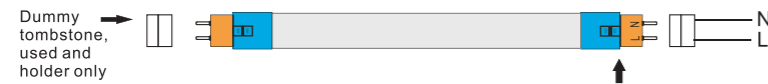
2. Installation For Electronic Ballast



ATTENTION Electronic ballast must be by-passed by a registered electrician



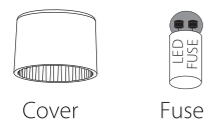
B.Installation for USA



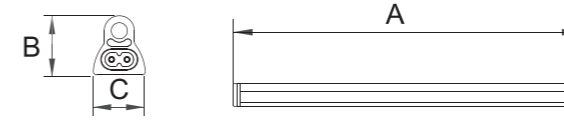
NOTE: Before installation please make sure the power is turned off

Recommended installation height: 2-6m

Accessories list

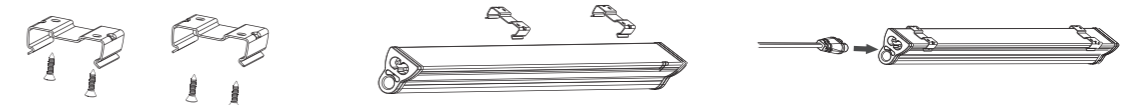


Product Dimension



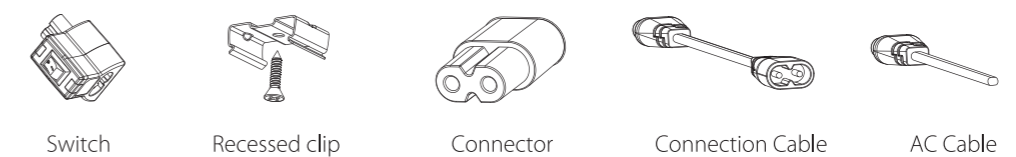
Model NO.	Size A(mm)	Size B(mm)	Size C(mm)
T5-AE/600mm(2FT)	565	33	29
T5-AE/900mm(3FT)	869	33	29
T5-AE/1200mm(4FT)	1174	33	29
T5-AE/1500mm(5FT)	1475	33	29

Installation



Recommended installation height: 2-6m

Accessories list





LED PANEL LIGHT

APPLICATION

Office	Education	Health & Care	Shop & Retail	Architectural
Corridors and stairways	Classrooms	Normal care	Shopping mall	Exhibition center
Meeting rooms	Cafeterias	Intensive care	Supermarkets	Library
Entrance areas	Auditorium	OR sector	Retail stores	Art Museum
Open-plan offices	Sports halls	Examination rooms	Food	Concert hall
Offices	Chemical Lab	Sanitary areas		Museum
Sanitary areas	Pools			

Temperature Characteristics T-ambient 25°

Temperature	Humidity
Operating -20~+40°C	Operating 10%-80%
Storage -40~+85°C	Storage 10%-80%

Electrical Characteristics

Input Voltage:	PF:≥0.93	THD<20%
US: AC100~277V 50/60Hz	Power Efficiency:≥0.9	
EU: AC220~240V 50/60Hz		
Ca: AC347V 50/60Hz		

Side-lit LED Panel

Side-lit LED Panel Light
P01CO (15-84W)
73-74



Side-lit LED Panel Light
P06CO (15-84W)
75-76



Double-sided LED Panel

Double-sided LED Panel Light
P04CO (22-54W)
77-78



Back-lit LED Panel

Back-lit LED Panel Light
P20CO (36-84W)
79-80



Round LED Panel

Round LED Panel Light
R01CO (8-22W)
81-82



Ceiling Mounted LED Panel Light
R02CO (10-22W)
83-84



IP44 Round LED Panel Light
R03CO (10-22W)
85-86







LED Panel Light

• Office • Health & Care • Hotel • Education • Shop & Retail • Architectural



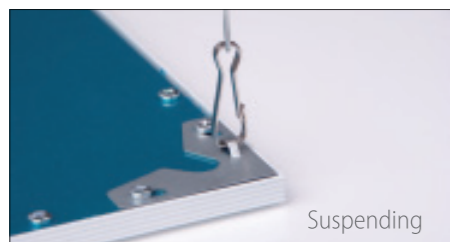
IP20



UGR<19



130lm/W Ultra Bright



Suspending

P01CO

Side-lit LED Panel Light



Side-lit LED Panel Light P01CO

Perfect heat dissipation performance

Using optical PMMA light guide

Using indirect lighting for downy light and visually comfortable

Application in the design of concise interior space

AL6063-T5 Aluminium frame better heat dissipation

Maximum efficacy and minimum glare

Illuminance Uniformity

No UV ,No lead, No Mercury, Up to 70% energy saving

Parameter

Model NO.	Power (W)	Luminous Flux(lm)	Efficiency (lm/W)
P01CO-84NL-1206	84	8400	100
P01CO-54NL-6262	54	5400	100
P01CO-54NL-0606	54	5400	100
P01CO-54NL-1203	54	5400	100
P01CO-40NL-6262	40	4000	100
P01CO-40NL-0606	40	4000	100
P01CO-36NL-0606	36	3600	100
P01CO-27NL-0606	27	3510	130
P01CO-40NL-1203	40	4000	100
P01CO-22NL-0603	22	2200	100
P01CO-15NL-0303	15	1500	100

Above lumens based on 4000K Ra : 80

Light Source : 2835
 CRI Range : 80 / 90 / 95
 CCT Range : WW(3000K) NW(4000K) DW(5000K) CW(6500K)
 AC Input : 100-240V(EU) 100-277V(US) 347V(Ca)
 Beam Angle : 120°
 Light Efficiency : 100Lm/W, 130Lm/W
 Size(EU) : 1195x595, 1195x295, 620x620, 595x595, 595x295, 295x295mm
 Size(US) : 4ftx2ft, 4ftx1ft, 2ftx2ft, 2ftx1ft, 1ftx1ft
 Waterproof : IP20 & IK05
 Recommended Installation Height : 2-6M
 Function : •Dimmable •Emergency •Motion sensor





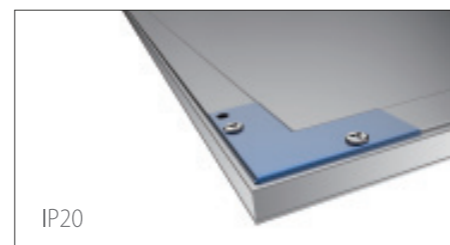
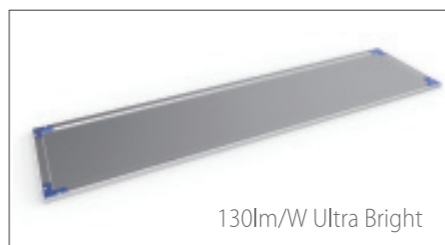
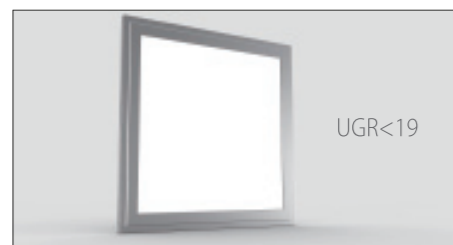
LED Panel Light

• Office • Health & Care • Hotel • Education • Shop & Retail • Architectural



Side-lit LED Panel Light

P06CO



Side-lit LED Panel Light P06CO

Using optical PMMA light guide

Using indirect lighting for downy light and visually comfortable

Application in the design of concise interior space

AL6063-T5 Aluminium frame better heat dissipation

Maximum efficacy and minimum glare

IIIuminance Uniformity

No UV ,No lead, No Mercury, Up to 70% energy saving

Parameter

Model NO.	Power (W)	Luminous Flux(lm)	Efficiency (lm/W)
P06CO-84NL-1206	84	8400	100
P06CO-54NL-6262	54	5400	100
P06CO-54NL-0606	54	5400	100
P06CO-54NL-1203	54	5400	100
P06CO-40NL-6262	40	4000	100
P06CO-40NL-0606	40	4000	100
P06CO-40NL-1203	40	4000	100
P06CO-22NL-0603	22	2200	100
P06CO-15NL-0303	15	1500	100

Above lumens based on 4000K Ra : 80

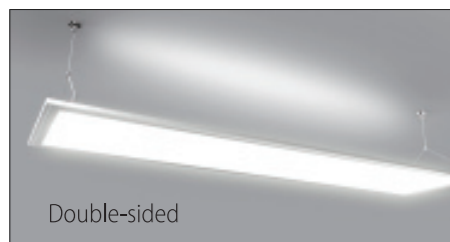
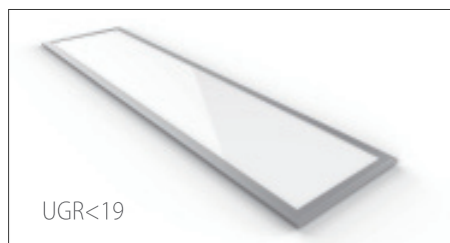
Light Source : 2835
 CRI Range : 80 / 90 / 95
 CCT Range : WW(3000K) NW(4000K) DW(5000K) CW(6500K)
 AC Input : 100-240V(EU) 100-277V(US) 347V(Ca)
 Beam Angle : 120°
 Light Efficiency : 100lm/W, 130lm/W
 Size(EU) : 1195x595, 1195x295, 620x620, 595x595, 595x295, 295x295mm
 Size(US) : 4ftx2ft, 4ftx1ft, 2ftx2ft, 2ftx1ft, 1ftx1ft
 Waterproof : IP20 & IK05
 Recommended Installation Height : 2-6M
 Function : •Dimmable •Emergency •Motion sensor





LED Panel Light

• Office • Health & Care • Hotel • Education • Shop & Retail • Architectural



P04CO

Double-side LED Panel Light

Double-side LED Panel Light P04CO

The frame is strong enough not be deformed
 Double-sided LED panel light with perfect optical design effect
 The unique advantage for replacing the traditional lighting
 Using optical PMMA light guide
 Using indirect lighting for downy light and visually comfortable
 Application in the design of concise interior space
 AL6063-T5 Aluminium frame better heat dissipation
 Maximum efficacy and minimum glare
 Illuminance Uniformity

Parameter

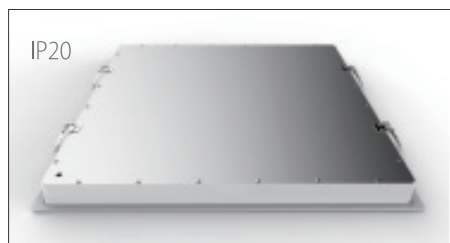
Model NO.	Power (W)	Luminous Flux(lm)	Efficiency (lm/W)	
P04CO-54NA-1203	54	4860	90	Light Source : 2835 CRI Range : 80 / 90 / 95 CCT Range : WW(3000K) NW(4000K) DW(5000K) CW(6500K) AC Input : 100-240V(EU) 100-277V(US) 347V(Ca) Beam Angle : 2*120° Light Efficiency : 90Lm/W, 120Lm/W Size : 1195x295, 595x295mm Size : 4ftx1ft, 2ftx1ft Waterproof : IP20 & IK05 Recommended Installation Height : 2-6M Function : •Dimmable •Emergency •Motion sensor
P04CO-40NA-1203	40	3600	90	
P04CO-22NA-0603	22	1980	90	
Above lumens based on 4000K Ra : 80				





LED Panel Light

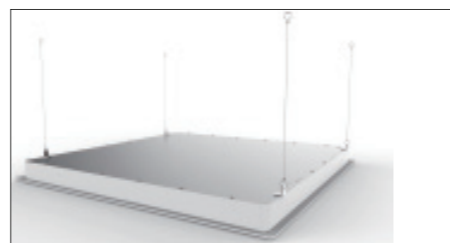
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IP20



140lm/W Ultra Bright



UGR<19

P20CO

Back-lit LED Panel Light

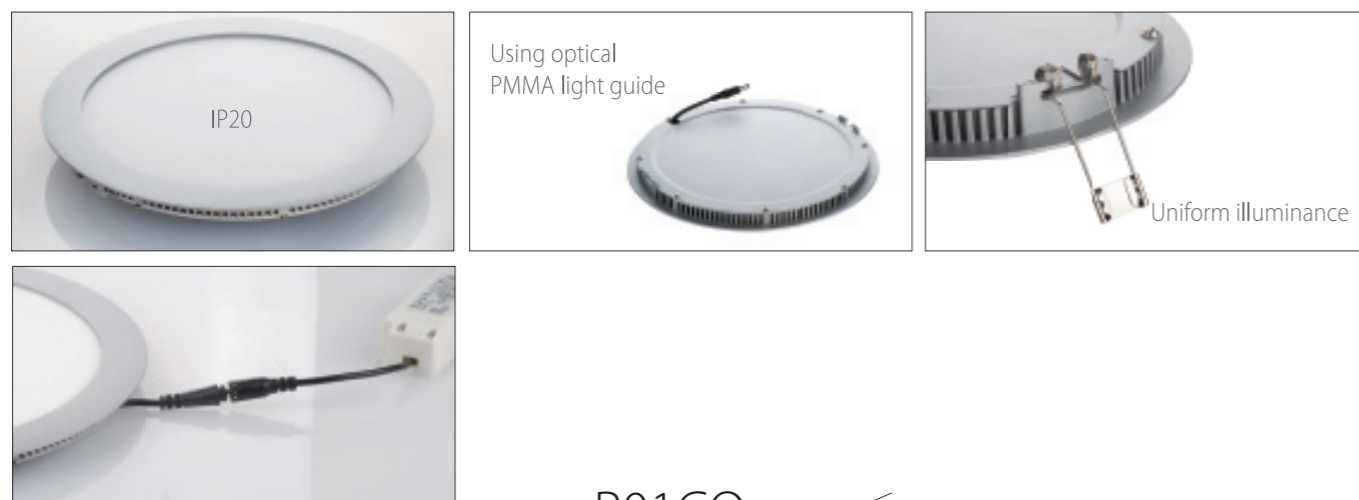
Back-lit LED Panel Light P20CO

- Frame integrated design
- Thoroughly solve the issues of water ripple
- Solve the issues of yellowing caused by material
- Ultra bright 140lm/w
- Universal AC input 90-305VAC
- UGR<19 for comfortable optic performance
- Suspend, recessed for convenient installation and maintenance
- Expand the cooling area for stable product performance
- Patented design + Brand driver+ Brand LED
- Product automatic protection (OVP OLP OTP OCP)
- Water proof IP44 rate

Parameter

Model NO.	Power (W)	Luminous Flux(lm)	Efficiency (lm/W)	
P20CO-84NL-1203	84	9240	110	Light Source : 2835 CRI Range : 80 / 90 / 95 CCT Range : WW(3000K) NW(4000K) DW(5000K) CW(6500K) AC Input : 100-240V(EU) 100-277V(US) 347V(Ca) Beam Angle : 120° Light Efficiency : 110Lm/W, 140Lm/W Size(EU) : 1195x295, 595x595mm Size(US) : 4ftx1ft, 2ftx2ft Waterproof : IP44 & IK05 Recommended Installation Height : 2-6M Function : •Dimmable •Emergency •Motion sensor
P20CO-54NL-1203	54	5940	110	
P20CO-40NL-1203	40	4400	110	
P20CO-54NL-0606	54	5940	110	
P20CO-40NL-0606	40	4400	110	
P20CO-36NL-0606	36	3960	110	
Above lumens based on 4000K Ra : 80				





R01CO

Round LED Panel Light

Round LED Panel Light R01CO

Using optical PMMA light guide
 Using indirect lighting for downy light and visually comfortable
 Application in the design of concise interior space
 AL6063-T5 Aluminium frame better heat dissipation
 Maximum efficacy and minimum glare
 Illuminance Uniformity
 No UV ,No lead, No Mercury, Up to 70% energy saving

Parameter

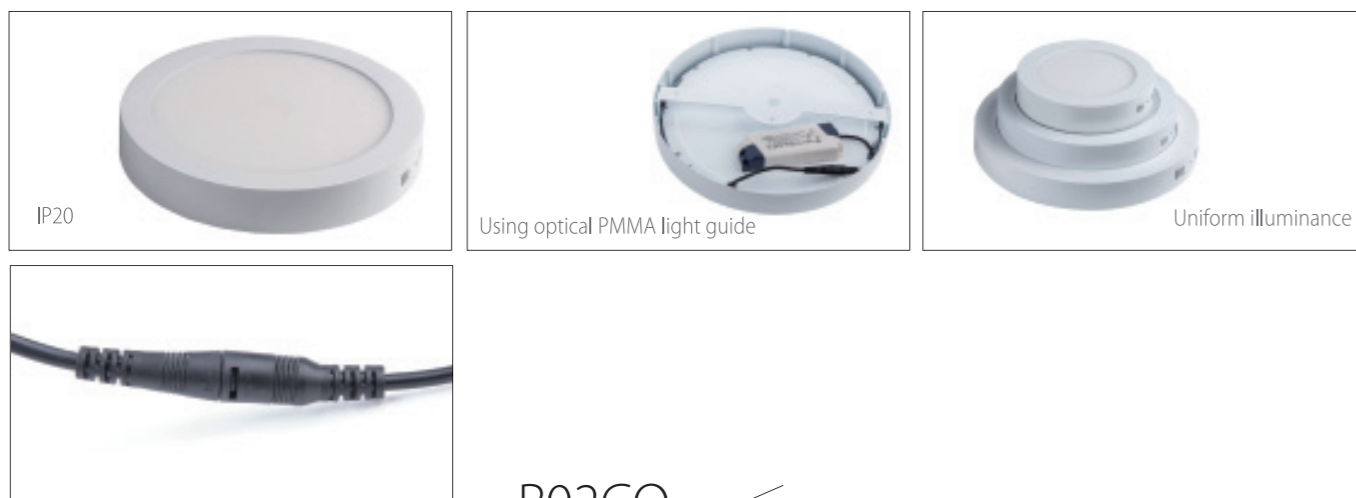
Model NO.	Size (mm)	Power (W)	Luminous Flux(lm)	Efficiency (lm/W)	
R01CO-08NL-R145	Ø145	08	680	85	Light Source : 2835 CRI Range : 80 / 90 / 95 CCT Range : WW(3000K) NW(4000K) DW(5000K) CW(6500K) AC Input : 100-240V(EU) 100-277V(US) 347V(Ca) Beam Angle : 120° Light Efficiency : 85Lm/W, 115Lm/W Size : Ø145x12.5(H), Ø180x12.5(H), Ø240x12.5(H), Ø300x12.5(H)mm Waterproof : IP20 & IK05 Recommended Installation Height : 2-6M Function : ●Dimmable ○Emergency ○Motion sensor
R01CO-10NL-R180	Ø180	10	850	85	
R01CO-15NL-R240	Ø240	15	1275	85	
R01CO-22NL-R300	Ø300	22	1870	85	
Above lumens based on 4000K Ra : 80					





LED Panel Light

• Office • Health & Care • Hotel • Education • Shop & Retail • Architectural



R02CO

Ceiling Mounted LED Panel Light

Ceiling Mounted LED Panel Light R02CO

- Ceiling mounted convenient installation
- Using optical PMMA light guide
- Using indirect lighting for downy light and visually comfortable
- Application in the design of concise interior space
- AL6063-T5 Aluminium frame better heat dissipation
- Maximum efficacy and minimum glare
- Uniform illuminance
- No UV ,No lead, No Mercury, Up to 70% energy saving

Parameter

Model NO.	Size (mm)	Power (W)	Luminous Flux(lm)	Efficiency (lm/W)	
R02CO-10NL-R180	Ø180	10	800	85	Light Source : 2835 CRI Range : 80 / 90 / 95 CCT Range : WW(3000K) NW(4000K) DW(5000K) CW(6500K) AC Input : 100-240V(EU) 100-277V(US) 347V(Ca) Beam Angle : 120° Light Efficiency : 85Lm/W, 115Lm/W Size : Ø180x40(H), Ø240x40(H), Ø300x40(H)mm Waterproof : IP20 & IK05 Recommended Installation Height : 2-6M Function : ●Dimmable ○Emergency ○Motion sensor
R02CO-15NL-R240	Ø240	15	1200	85	
R02CO-22NL-R300	Ø300	22	1760	85	
Above lumens based on 4000K Ra : 80					





LED Panel Light

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IP44 Round LED Panel Light

R03CO



IP44 Round LED Panel Light R03CO

- Using optical PMMA light guide
- Using indirect lighting for downy light and visually comfortable
- Application in the design of concise interior space
- AL6063-T5 Aluminium frame better heat dissipation
- Maximum efficacy and minimum glare
- Illuminance Uniformity
- No UV, No lead, No Mercury, Up to 70% energy saving
- Water proof IP44 rate

Parameter

Model NO.	Size (mm)	Power (W)	Luminous Flux(lm)	Efficiency (lm/W)	
R03CO-10NL-R180	Ø180	10	850	85	Light Source : 2835 CRI Range : 80 / 90 / 95 CCT Range : WW(3000K) NW(4000K) DW(5000K) CW(6500K) AC Input : 100-240V(EU) 100-277V(US) 347V(Ca) Beam Angle : 120° Light Efficiency : 85Lm/W, 115Lm/W Size : Ø180x22(H), Ø240x22(H), Ø300x22(H)mm Waterproof : IP44 & IK05 Recommended Installation Height : 2-6M Function : ●Dimmable ○Emergency ○Motion sensor
R03CO-15NL-R240	Ø240	15	1275	85	
R03CO-22NL-R300	Ø300	22	1870	85	
Above lumens based on 4000K Ra : 80					

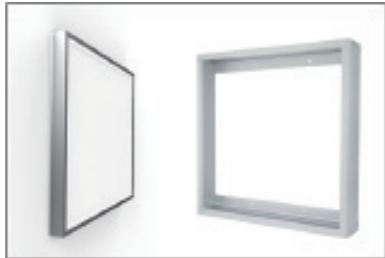


LED Panel Light Accessories List

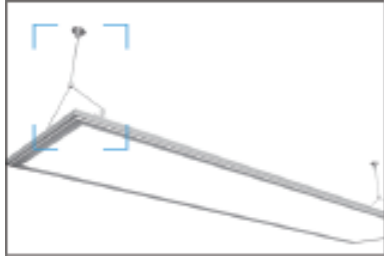
Mounted Frame 01



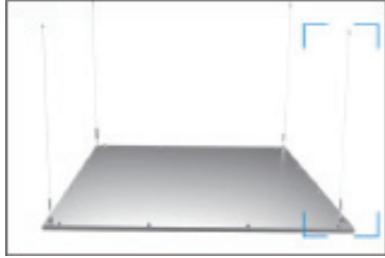
Mounted Frame 02



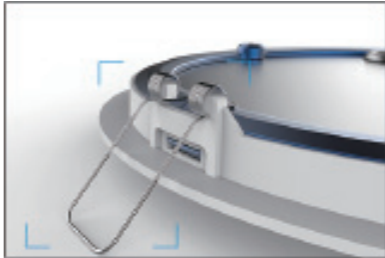
"Y" Suspending Steel Cable



Suspending Steel Cable



Recessed Clip 03



Recessed Clip 04



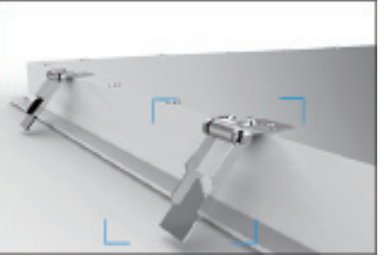
Recessed Clip 05



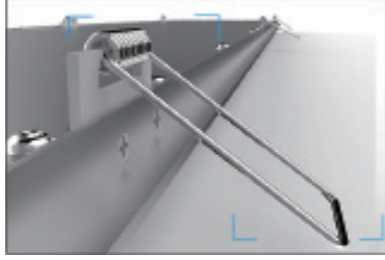
DC Connector



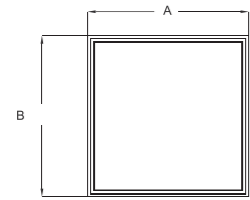
Recessed Clip 01



Recessed Clip 02

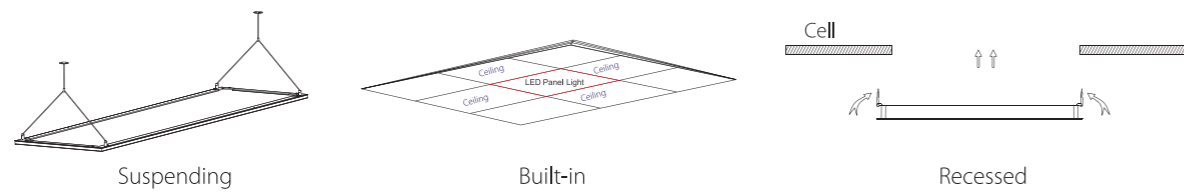


■ Product Dimension



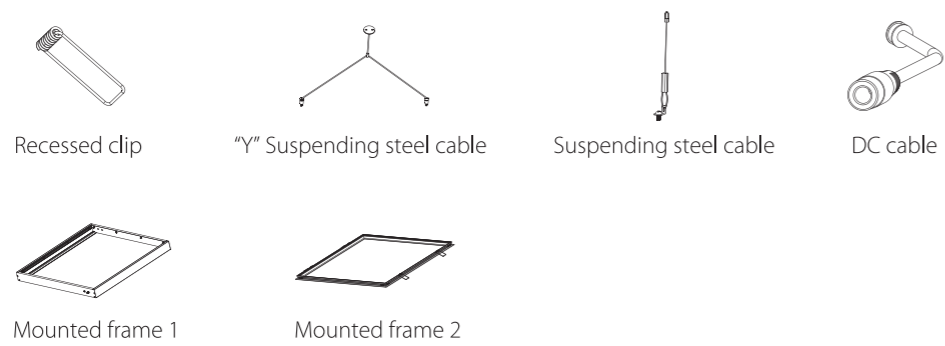
Model NO.	SizeA(mm)	Size B(mm)
P0XCO-84NH-1206	1195	595
P0XCO-54NH-0606	595	595
P0XCO-40NH-6262	620	620
P0XCO-40NH-1203	1195	295
P0XCO-22NH-0603	595	295
P0XCO-15NH-0303	295	295

■ Installation

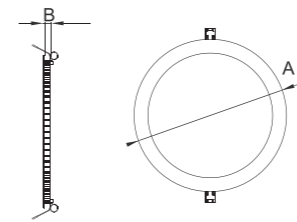


■ Recommended installation height: 2-6m

■ Accessories list

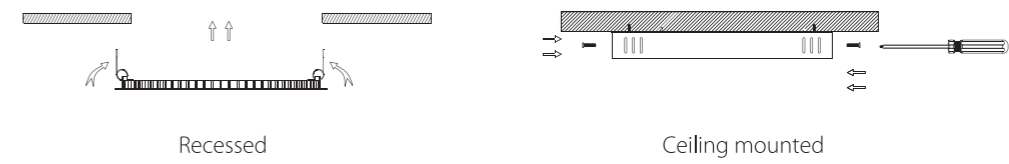


■ Product Dimension



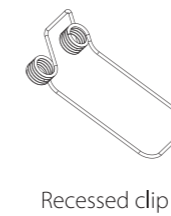
Model NO.	SizeA(mm)	Size B(mm)	Cut out(mm)
R01CO-08NL-R145	145	12.5	133
R01CO-10NL-R180	180	12.5	168
R01CO-15NL-R240	240	12.5	228
R01CO-22NL-R300	300	12.5	288

■ Installation

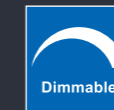


■ Recommended installation height: 2-6m

■ Accessories list



SMART CONTROL SYSTEM



Fitting For Commercial & Industry Lighting Fixture
All of products can match below function



Fitting For Commercial & Industry Lighting Fixture
All of products can match below function



Fitting For Commercial & Industry Lighting Fixture
All of products can match below function

Smart Control System

APPLICATION

Office

Corridors and stairways, Meeting rooms, Entrance areas, Open-plan offices, Offices, Sanitary areas

Industrial

Warehouses, Production halls, Food industry, Parking areas, Farms, Refrigeration rooms

Health & Care

Normal care, Intensive care, OR sector, Examination rooms, Sanitary areas

Education

Classrooms, Cafeterias and auditorium, Sports halls, Chemical Lab, Pools

Semi-outdoor

Car parks, Pools, Airports, Train stations, Gas stations, Bus stations, MTR stations, Park, Toll stations

Shop & Retail

Shopping mall, Supermarkets, Retail stores, Food

Architectural

Exhibition center, Library, Art Museum, Concert hall, Museum

Function



L05G-MS



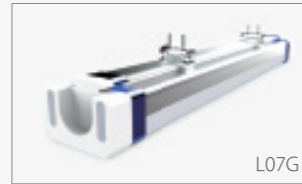
Motion Sensor T8 LED TUBE



L05G-YJ / L05G-ZT / L05G-DA



1-10V Dimmable / DALI Dimmable / Emergency T8 LED TUBE



L07G



Standard LED Tri-proof



T20G



High power LED Tri-proof



PA01C



Anticorrosion&Anti-oil LED Tri-proof Light



L20G



High power LED Linear



H03CO



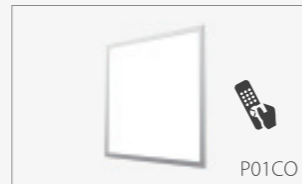
Compact LED High Bay



H05CO



Motion Sensor LED High Bay



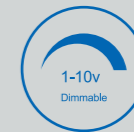
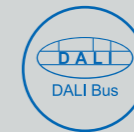
P01CO



Side-lit LED Panel Light

Dimmable

All of products can match below function
Fitting For Commercial & Industry Lighting Fixture



Features

1-10V & Dali dimmable
Energy-efficient with dimmable

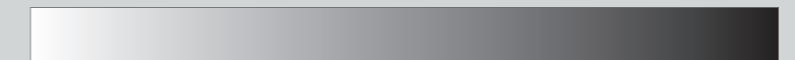
Electrical Characteristics

Input Voltage: AC 100~277V 50/60Hz
PF:≥0.93 THD<20%
Power Efficiency:≥0.87

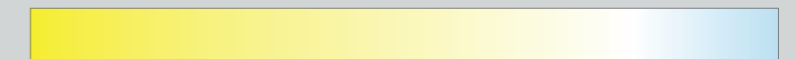
Certification



Brightness changed



Color temperature changed





Motion Sensor

Fitting For Commercial & Industry Lighting Fixture

All of products can match below function

- Microwave sensor and driver integrated
- 3 or 2 steps dimming control
- Mounting height 2.5-10m
- Energy-efficient with Motion Sensor
- Wider detection area 25m Max

Features

- 2 or 3 steps dimming control
- Motion Sensor and driver integrated
- Energy-efficient with Motion Sensor

Electrical Characteristics

- Input Voltage: AC 100~277V 50/60Hz
- PF: ≥0.93 THD < 20%
- Power Efficiency: ≥0.87

Certification



Sensor Distance
MAX.10m



Mounting Height
MAX.10M



Hold Time
Optional



Micro-Wave
5.8GHZ



Lux Sensor
Optional

Motion Sensor Technical Data

1.Motion-sensor Data

Option 1: 3 steps dim Lighting 100%-20%-0

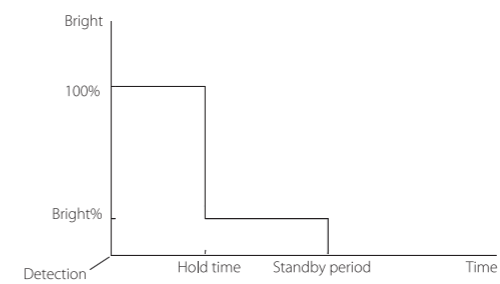
- Microwave frequency: 5.8GHz+/-75MHz
- Detection Distance: 10m Max.
- Mounting height: 2.5-10m
- Detection area: R(10)m,H(3m)
- Detection angle: 150°
- Daylight threshold: NO
- Sensitivity Settings: NO
- Hold time : 30s
- Standby dimming level: 20%
- 3 steps dim Standby period: 1min

Option 2: 2 steps dim Lighting 100%-20%

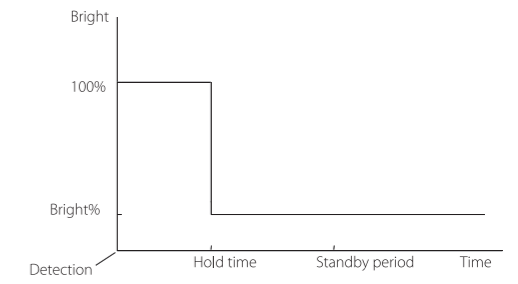
- Microwave frequency : 5.8GHz+/-75MHz
- Detection Distance : 10m Max
- Mounting height : 2.5-10m
- Detection area : R(10)m,H(3m)
- Detection angle : 150°
- Daylight threshold : NO
- Sensitivity Settings: NO
- Hold time : 30s
- Standby dimming level : 20%
- 2 steps dim Standby period : All the time

2.The difference about bright with time on 3 steps and 2 steps

3.Steps

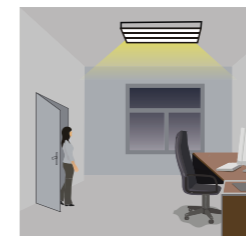


2.Steps



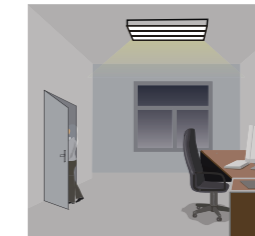
Steps dimming control demonstration

Step 1



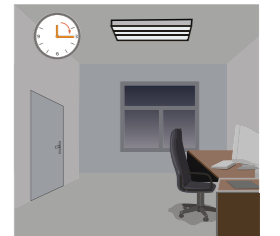
The sensor switches on the light automatically when person enters the room

Step 2



People left, light dims to 20% standby level after the hold time

Step 3



Light switches off automatically after the standby period elapsed.

Emergency

Fitting For Commercial & Industry Lighting Fixture
 All of products can match below function

External driver with NI-MH battery
 3 hours emergency lighting industry standard
 For all of the lighting fixture

Emergency System



Features

Fitting For Commercial & Industry Lighting Fixture
 3 hours emergency lighting industry standard
 External driver with NI-MH battery

Temperature Characteristics T-ambient 25°

Temperature	Humidity
Ambient -20~+40 °C	Operating 10%-80%
Storage -40~+85 °C	Storage 10%-80%

Electrical Characteristics

Input Voltage: AC100~277V 50/60Hz
 PF:≥0.93 THD<20%
 Power Efficiency:≥0.87

Parameter

Model	EDE01-xxx; xxx can be 100-200 Representative supply to LED module current:100-200mA
Emergency duration	Minimum 3 hours (at 8W output)
Supply voltage to LED module	DC 30-40V
Supply current to LED module	DC 100-200mA (adjustable)
Supply power to LED module	Maximum 8W
power supply	US: AC100-277V 50/60Hz EU:AC100-240V 50/60Hz
Input power	Maximum 6W
Battery	Sealed Nickel Metal Hydride battery,high-temperature type,4AH 7.2V
Battery charge rating	max.9V,200mA
Initial charge time	24 hours
Battery discharge rating	9V-6V,max.2A