DUALRAYS
Intelligent . Safe . Efficient

SPECIFICATION

5 YEAR WARRANTY

D6 LED TRIPROOF LIGHT
(Anti-UV / Ammonia for Farm Lighting)

CE RoHS ENEC LM79 SAA APPROVALS

Features

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Intelligent . Healthy . Efficient

5 YEAR WARRANTY

D6 LED TRIPROF LIGHT

Anti-UV / Ammonia for Farm / Marine Lighting

* IP69K IK06 (PMMA) Anti-ammonia/UV, IP69K / IK10 (PC) Anti-UV Protection;
* Toolless Fast End-cap for Easy Wiring and Labor Cost Saving;
* Power Adjustable with DIP Switch to Reduce SKU for Stocking;
* Against Water Pressure of 100bar(1450psi) and Temperature of 80°C;
* Phase (L1/L2/L3/N/FG) can be Easily Selected with DIP Switch;
* Tri-Color Optional (A: 3000-4000-5000K; B: 3000-4500-6000K; C: 4000-5000-6000K);
* Single or Double Wiring Optional,Linkabkle Through Double End Wiring;
* 304/316 Stainless Steel End Cap & Bracket, corrosion-proof;
* 120° / 180° / 240° / 360° Optics Optional;
* L70/B20 @ 54.000h;

ISO 9001 ISO 14001 Registered | UKAS ENVIRONMENTAL MANAGEMENT | CE | RoHS | TÜV GS | SAA APPROVALS | CB

> High Brightness SAN'AN SMD2835 LEDs, BOKE High PF Flicker-free Driver,DIP Switch Power Adjustment Optional;
> Tri-Color optional (A: 3000-4000-5000K; B: 3000-4500-6000K; C: 4000-5000-6000K);
> Single Phase (L/N/E) or Three Phase (L1/L2/L3/N/FG)Optional;
> Tailored Knob End-cap Design,quick & convenient to open and relock for wiring, greatly improve efficiency and save labor cost;
> Against Water Pressure of 100bar(1450psi) and Temperature of 80°C;
> IP69K PMMA IK06 Anti-ammonia/UV /PC IK10 Anti-UV Protection;
> 120°/200°/280°beam angle optional;
> Single or Double Wiring Optional,Linkabkle Thorugh Double End Wiring;
> Multiple Installations: Suspension, Wall Mounting, Magnetic Holding;
> Various intelligent control: 1-10V, DALI, Motion sensor,Daylight sensor, Zigbee and Emergency;
> 304/316 Stainless Steel End Cap & Bracket, corrosion-proof;
> No UV or IR and completely mercury free;
> L70/B20 @ 65.000h;
> Customized supported for special projects;

Options:
> Driver: BOKE fixed power driver,DIP switch power adjustable driver;
> Controls and Dimming: 1-10V Dimming / DALI / Motion Sensor,Daylight Sensor, Zigbee and Emergency;
> 120°/200°/280°beam angle optional;
> Fix CCT or Tri-color;
> Plug: European / Australia plug with 0.75mm2/1.5mm2/2.5mm2 3-pins or 5-pins (dimming) cable;
> Installation : Suspension, Wall Mounting, Magnetic Holding;
> Wiring: Single or double wiring;

Application

> Replacement for fluorescent NCF;
> Cattle farm ;
> Pig farm ;
> Industrial and Agricultural applications

Web: www.DUALRAYS.com | Tel: +86-(0)755-2306 6948
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Add: 3rd Floor,Building A3 | Tianrui Industrial Park | #35,Fuyuan 1st Road,Fuyong Town,Bao'an Dist | Shenzhen 518103

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Technical Parameters

Model No.	DR-TP020-FG2XP	DR-TPL030-FG4XP	DR-TPL040-FG5XP	DR-TPL050-FG5XP
System Watts/W	20W / DIP Switch	30W / DIP Switch	40W / DIP Switch	50W / DIP Switch
System Efficiency/LPW	130LPW / 160LPW Optioanl			
Lumen Output/lm	2.600/3.200±5%	3.900/4.800±5%	5.200/6.400±5%	6.500/8.000±5%
Rated Input Voltage/V	AC200~240V 50/60Hz (AC100~277V, 50/60Hz Optional)			
LEDs Light Source	SMD2835			
SDCM	<6			
CCT/K	5000K for Standard (3000K/4000K/5700K/6500K Optional)			
CRI/Ra	>80Ra (>70Ra for Option)			
Power Factor	>0.92			
THD	<10%			
Beam Angle(Optional)	120° / 200° / 280° Optional			
UGR	<22			
LED Driver	BOKE Fixed Power/ DIP Switch Power Adjustable Optional			
IP Rating	IP66			
IK Level	IK10 (PC) / IK08 (PMMA)			
Dimming(Optional)	1-10V, DALI, Zigbee			
Protection	IP69K			
Sensor (Optional)	Daylight sensor/Microwave Sensor			
Protection Class	Class I			
Finishing Color(Optional)	RAL9016 Matt White			
Material	PC+PC (PMMA / Tempered Glass Optional)			
Lifespan/hrs	65.000 Hrs (Ta=30℃@L70)			
Operation Temp/℃	−40°C to + 50°C(−40°F to 122°F)			
Storage Temp/℃	−40°C to + 65°C(−40°F to 149°F)			
Installation	Suspension / Ceiling Mounting / Magnetic Optional			
Certificate	CE(EMC+LVD),RoHS,ENEC ,SAA,RCM Available			

Dimensions

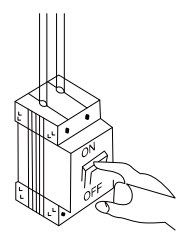| Character/Length	2ft	4ft	5ft
A	608.3mm	1208.3mm	1508.3mm
B	537mm	1137mm	1437mm
C	80mm	80mm	80mm

Photometry Disgram

120°
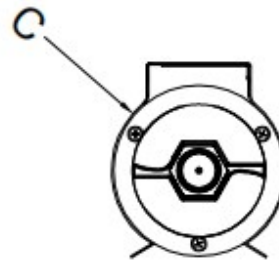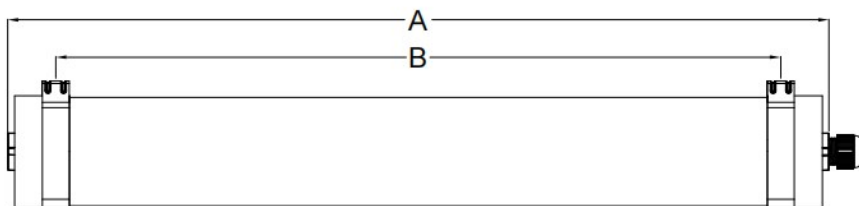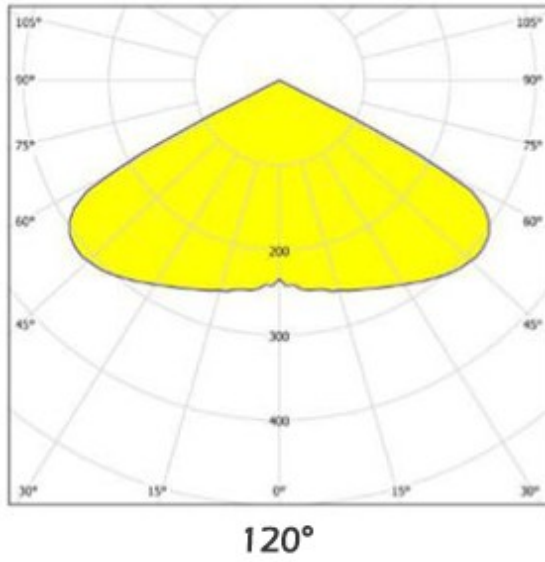
Installation

Ceiling Mounted

1 **2** **3**

4 **5** **6**

7 **8** **9**
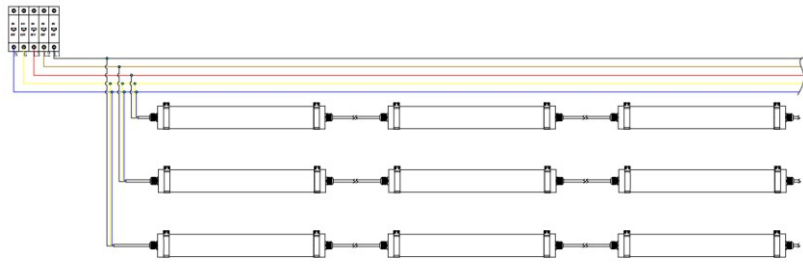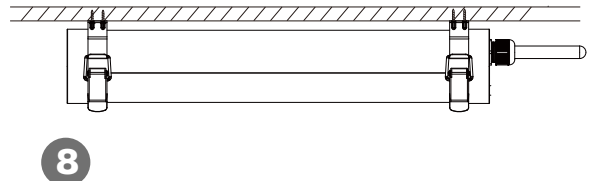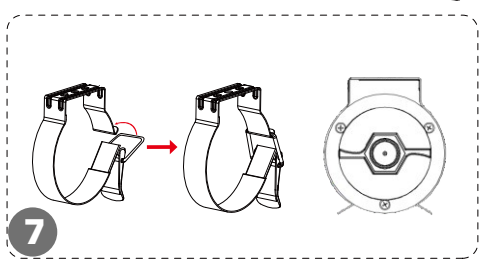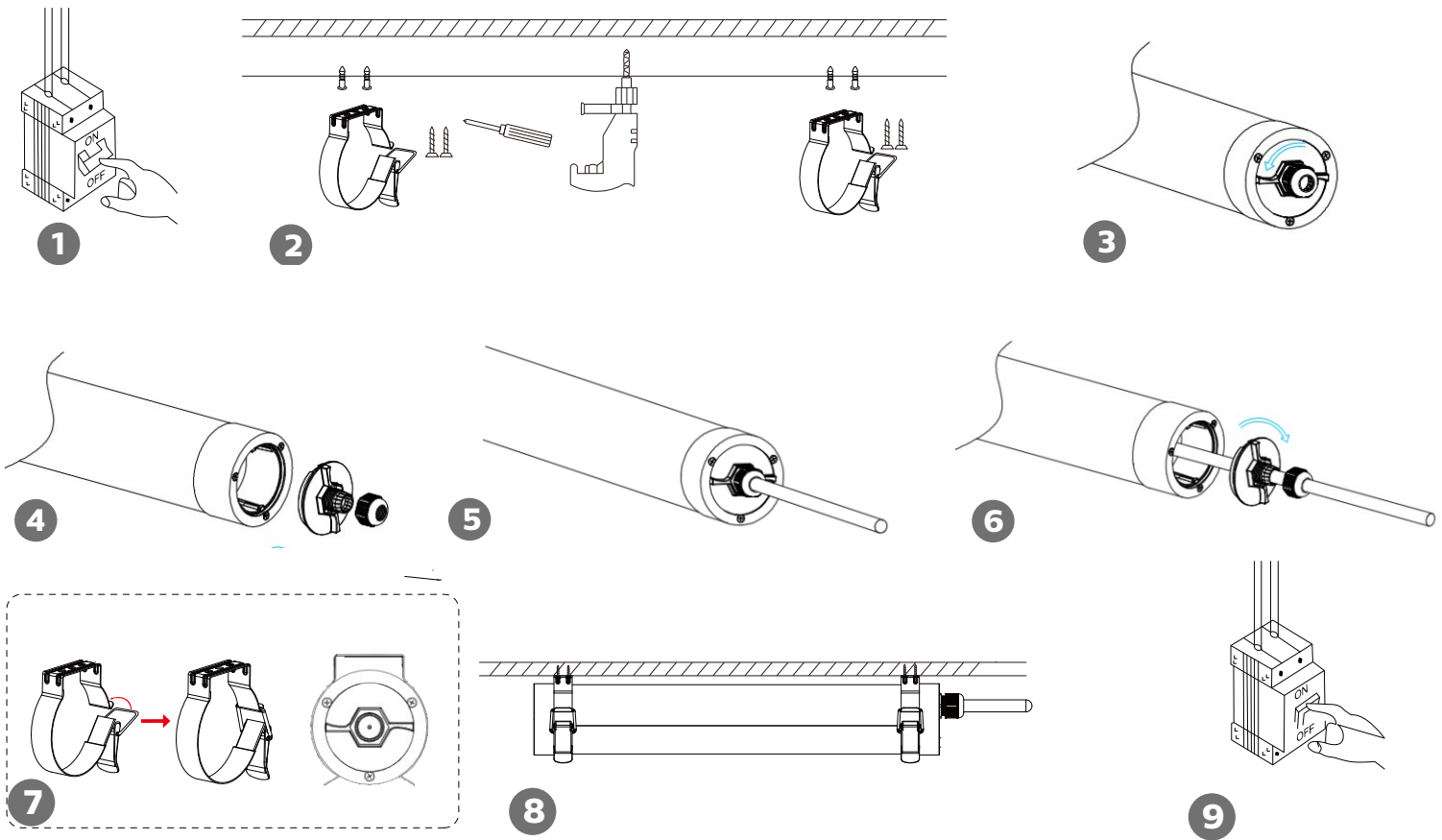
Linkable Connection

	Mounting Bracket with nut and screw
	Magnetic Mounting Bracket
	Mounting Bracket with Chain Suspension
	Mounting Bracket with Cable Suspension

Optional Installation Kits

Please read all the instructions below before installation

> Make sure that the supply voltage corresponds to the rated product voltage;

> The product must be installed by a qualifed electrician in accordance with the National Electrical Code and corresponding local codes.

> If the product is damaged, do not use it!

Turn Off Power Supply

Wiring Diagram

L	brown	black
N	blue	white
⏚ GND	yellow/green	green

Dimmable

DIM+	blue	brown	purple	white
DIM-	white	blue	gray	black

RISK OF PERSONAL INJURY – READ and follow all WARNINGS and installation instructions.
Keep or give to the owner for future reference.

Risk of cuts: Wear gloves to prevent cuts or abrasions when removing from carton, handling, installing, and maintaining this product.

Risk of electric shock: This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.

Risk of Fire: Minimum 194°F supply conductors. Consult a qualifed electrician to ensure correct branch circuit conductor.

DUALRAYS® assumes no responsibility for claims arising out of improper or careless Installation or handling of this product.
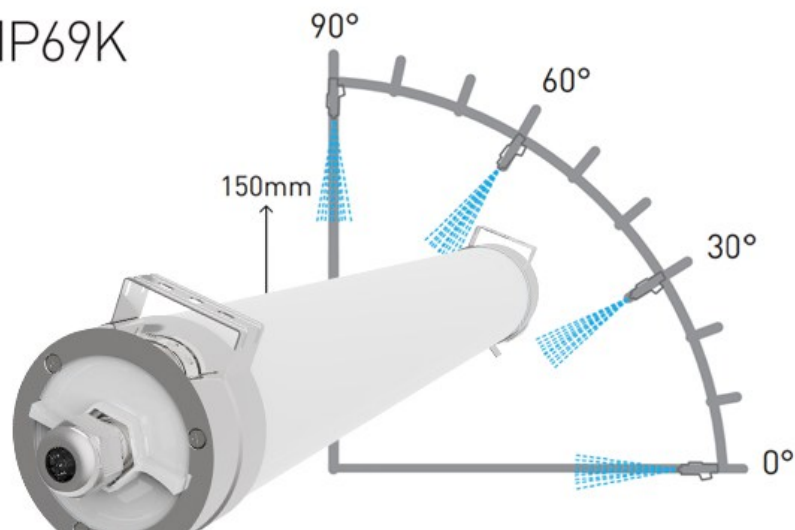
Packaging Information

Model No.	Net Weight/Kg	Outer Carton Size/mm	Gross Weight/Kg	QTY"/CTN
DR-TPL020-FG2XP	12.5	670*440*20	13.2	9PCS
DR-TPL030-FG4XP	15.8	1270*360*200	17.5	9PCS
DR-TPL030-FG4XP	16.1	1270*360*200	18.3	9PCS
DR-TPL040-FG5XP	19.1	1570*360*200	20.6	9PCS
DR-TPL050-FG5XP	19.5	1570*360*200	21.4	9PCS

Details Demo

Against Water Pressure of 100bar(1450psi) and Temperature 80°C>>>

IP69K

90°
60°
30°
0°
150mm

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DIP Switch for Power Adjustment and Tri-Color Optional >>>
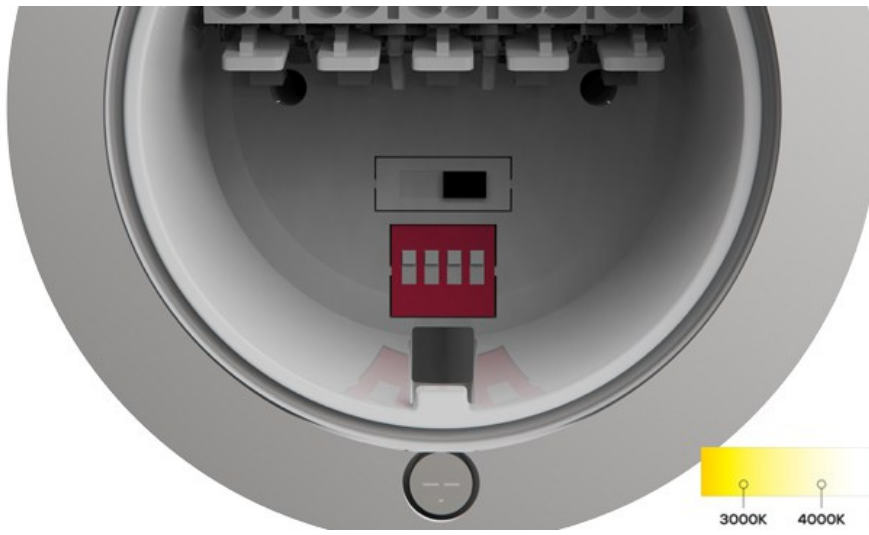
3000K 4000K 5000K 6000K

Tailored Knob End-cap Design, quick & convenient to open and relock for wiring, greatly improve efficiency and save labor cost>>>

Application Reference

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