



Description

Swirl has an exquisite and compact design, as like butterfly spreading wings to dancing. "Graphene" robust housing with anti-corrosion surface treatment and ingenious air cross-ventilation structure design support superior heat dissipation conditions to ensure a long lifespan. With the zoomable optic design, 60°/90°/120° are changeable through simple rotation on optics. No need to change the lens anymore. One model in stock means "ALL" solutions in hand.

Key Features

- Adjustable POWER 4 x different Wattage @ max 205 lm/W
- Adjustable light distributions for different project needs
- Adjustable Light Color
- LIGHT & PIR & Microwave & Smart motion sensor
- Heat sink from GRAPHEN with best heat dissipation
- PC and ALU Reflectors are available.
- IP 65 Water Resistant Rating
- Smart Technology by Tuya BLE
- Linkable up to 1500 Watt

Applications

- Warehouse
- Industrial Facility
- Exhibition Center
- Shopping Mall
- Gymnasium
- Airport
- Toll Station and so on.

Electrical Information

Model No.	BP4-FLEX(Art. No. 28085)
Power Consumption(±5%)	70W - 160W adjustable
Power Supply	LIFUD customized
Input Voltage	220-240VAC, 50 / 60 Hz
Power Factor	>0.96
Surge Protection	4kV line-line, 6kV line-earth Inrush current: <80A/700uS@230Vac
Driver Type	Constant Current (CC)
Control	Dimmable 0-10V,(OPTIONAL: DALI, Microwave Motion Sensor, TUYA BLE; PIR Sensor, Light Sensor , Software control, Remote control)
Note	Due to the characteristics of the non-isolated driver, when the dim cable is connected to 0V, the luminaire cannot be completely turned off but will remain weak brightness. If you need to completely turn off the luminaire, we suggest you add resistors on the PCB at the factory before delivering it, please contact your sales for details.

Optic Information

LED Type	LED 2835 - TCL (SANAN)
Luminous Flux (±10%)	14000 - 33000lm
Efficacy(5000K Ra70)	up to 205 lm/W
Correlated Color Temperature	4000K + 5000K adjustable (patent snake design)
Color Rendering Index	Ra80 (Ra70 optional)
Beam Angle	(60°/90°/120 adjustable lens waterproof)
UGR level	>22

Dimensions and Mount

Product Dimension	φ350mm x 189 mm
Luminaire Net Weight	3.0±0.3kg
Export Carton Size	400x400x195mm
Gross Weight	3.6±0.3kg
Mounting Option	Loop Hanging Ceiling Mounting
Material	GRAPHENE® Polycarbonate Optical Lens
Finish	Powder Coating
Fixture Color	Black
EPA	NA
IK Rating	IK08
IP Rating	IP65

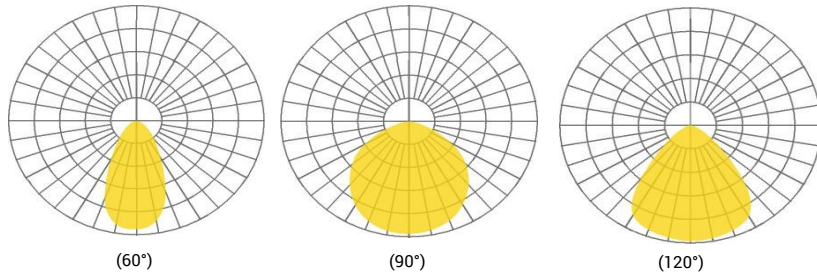
Lifespan and Warranty

Operating Temperature	Normal : -35°C to + 55°C Sensor version : 0°C to + 50°C
Life Time of LED @Ta=25°C	80.000 hrs-L80 100.000 hrs-L70
Warranty	6 Years

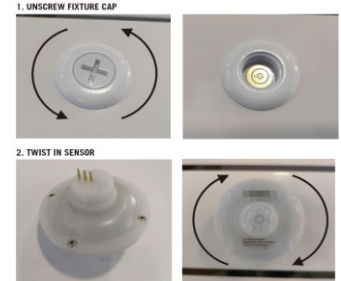
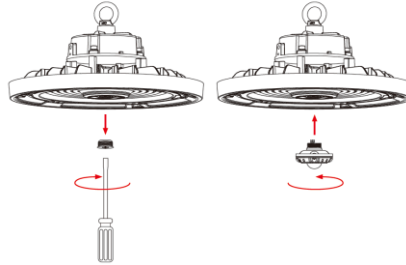
New Features

- max 205 lm/W
- **FULL GRAPHENE HOUSING**
- 4 x different Wattages in one housing
- 3 x Beam Angles in ONE housing @ IP 65 Rating
- 2 x Light colors in ONE housing without losing efficiency
- 1 x 100.000 hours Lifetime a max Temp with 6 year full warranty

* Please consult us for more details.



Mounting Options + Sensor Installation



Dimensions(Unit: mm/inch)

Unit:mm



Accessories



Art.Nr. 28085-1 Aluminium reflectors
 Different beam angle, anti glare effect, black/silvery color options.
 Code: (90°)
 Code: (110°)
 Code: (65°)



Art.Nr. 28085-2 PC reflector
 90° PC reflector with lid.
 Code: (90°)



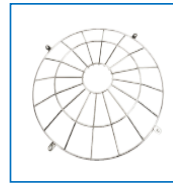
Art.Nr. 28085-3 PIR + SmartSensor TUYA sensor
 PIR occupancy sensor; Preset for 5/30S or 1/3/5/10/20/30 min hold time, 0/10/30 or 1/5/10/30/ min +∞ standby time at 10/20/30/50% dim, daylight disabled - controlled by TUYA or Remote



Art.Nr. 28085-4 Microwave Occupancy Sensor
 Microwave occupancy sensor; Preset for 5/30S or 1/3/5/10/20/30 min hold time, 0/10/30 or 1/5/10/30/ min +∞ standby time at 10/20/30/50% dim, daylight disabled



Art.Nr. 28085-5
Safety chain
 304 stainless steel, available for
 0.25m, 1m, 1.5m and 5m long.



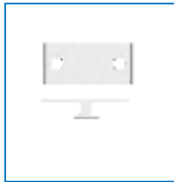
Art.Nr. 28085-6
Wire Guard / Sports Fields
 Balls / Stones Protection Guard



Art.Nr. 28085-7
±45° adjustable bracket
 SPCC materials with outdoor powder coating.



Art.Nr. 28085-8
Remote controller
 For motion sensor and PIR sensor.

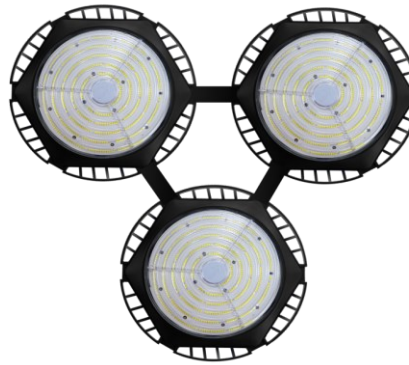
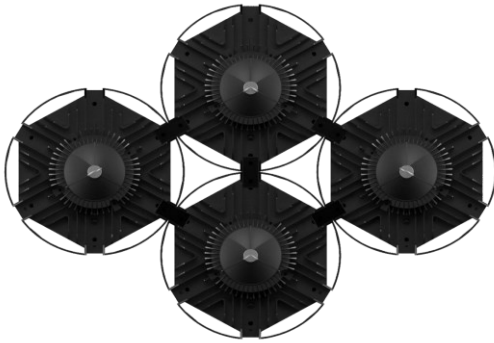


Art.Nr. 28085-9
Connector for assembling of
Lamp Mesh
 Metal Plate with screws

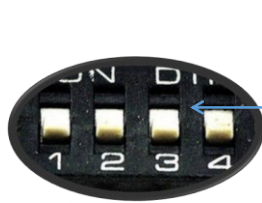
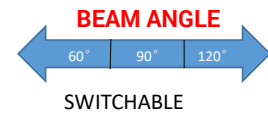
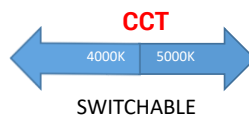
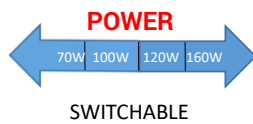


Art.Nr. 28085-10
0/1-10 V to DALI Converter
 Converter to set DALI Control

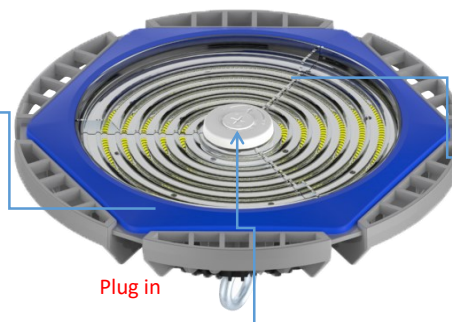
Connectable up to 10 pcs = 1600 WATT



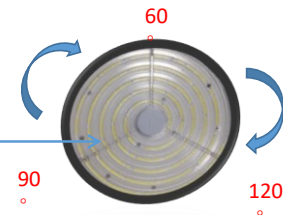
Product Features



DIP SWITCH
 Power & CCT Adjustable



Plug in
 Light Sensor
 Photocell/Microwave/PIR
 Wireless Control



ROTARY
 BEAM ANGLE Adjustable

Packing Information:

1 Box = 5.1 KG - Dimension:
 54 Boxes = 1Palet (L x B x H = 120 x 80 cm x 160cm) : 300 kg
 1 x 20" Container = 800 Pcs.
 1 x 40" Container = 1950 Pcs.

