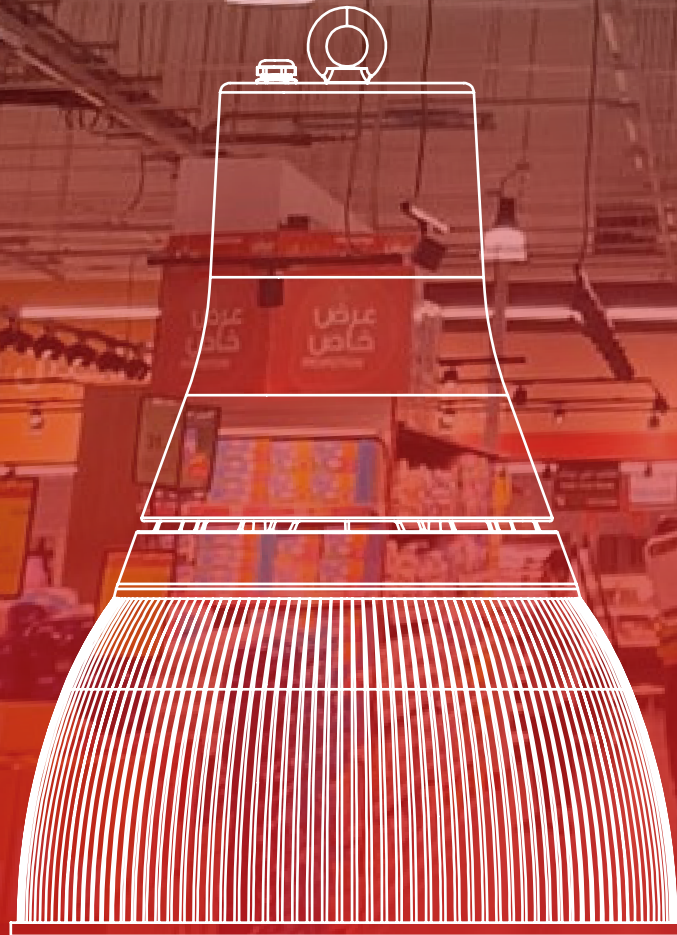


# PROFESSIONAL LIGHTING



ASTRAKTIS

# *Decorative Lowbay for retail* **GRAZ**



**ASTRAKTIS**



- Modern decorative design.
- Excellent energy efficiency
- Selectable power and light colour.
- IRC 90, light up your product more attractive

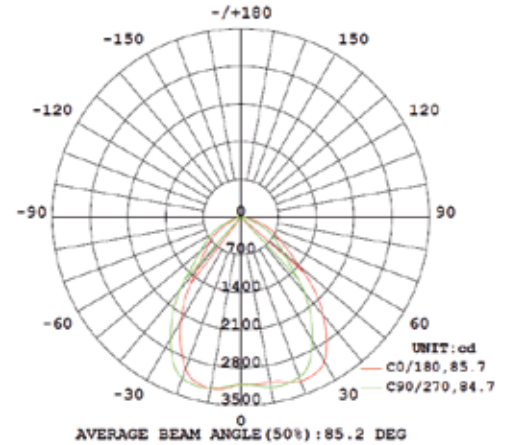
| REF      | W  | CCT   | Lm    | DIM   |
|----------|----|-------|-------|-------|
| LB-GI80A | 25 | 3000K | 3250  | 0-10V |
|          |    | 4000K | 3500  | 0-10V |
|          | 40 | 3000K | 5200  | 0-10V |
|          |    | 4000K | 5600  | 0-10V |
|          | 60 | 3000K | 7820  | 0-10V |
|          |    | 4000K | 8400  | 0-10V |
|          | 80 | 3000K | 10500 | 0-10V |
|          |    | 4000K | 11200 | 0-10V |

# Graz

## Technical specifications

### Electrical Specifications

|                     |              |
|---------------------|--------------|
| Power               | 25-40-60-80W |
| Input voltage       | AC 120~277   |
| Power frequency     | 50/60 Hz     |
| Power factor        | >0.95        |
| THD                 | <10% (@230V) |
| Grade of insulation | Clase I      |

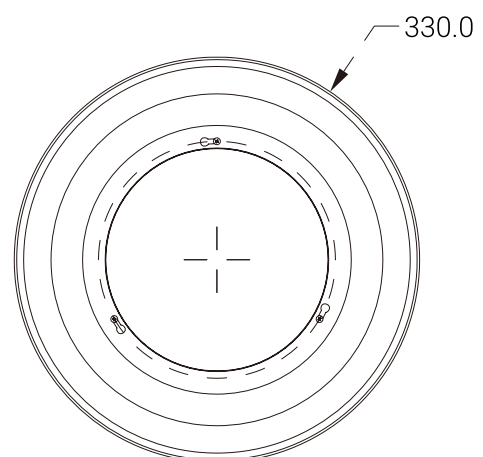
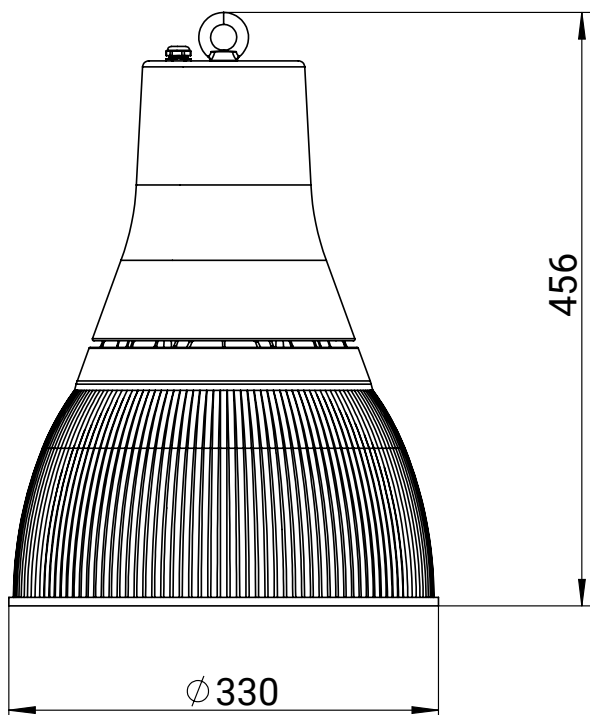
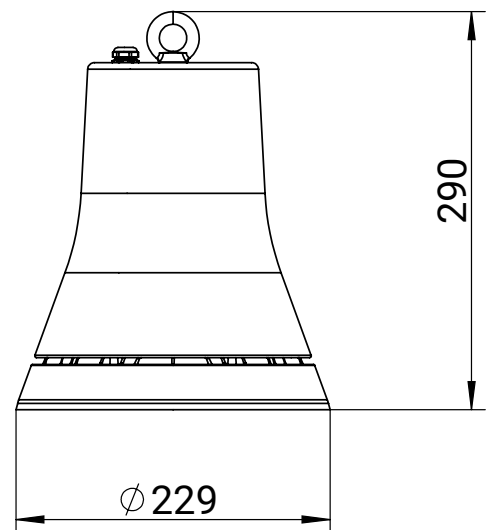


### Mechanical Specifications

|               |                  |
|---------------|------------------|
| Color         | RAL7036, RAL7039 |
| Lens          | Acrilic          |
| IP protection | PC               |
| IK            | IP 20            |
| Material      | ADC12            |

### Other Specifications

|                       |                       |
|-----------------------|-----------------------|
| Life span             | ≥ 50,000 Hours        |
| Operating temperature | -30°~45°C             |
| Driver                | SONSE                 |
| LED type              | SMD 2835              |
| Dimming               | DALI, 0~10 (optional) |



# Graz

## Accessories

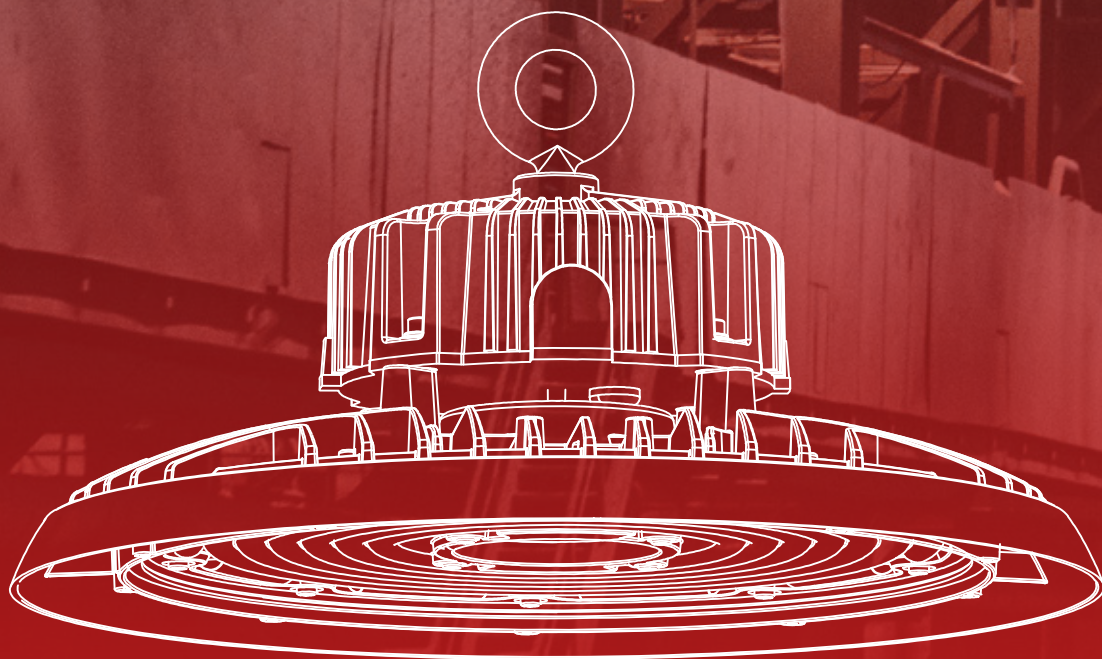


PC Reflector



Aluminium Reflector

# *Led Highbay Light Pro* **DORTMUND**



**ASTRAKTIS**



- Maximum energy efficiency optimization.
- Ultra luminous efficiency of 190Lm/W.
- Multiple lenses and accessories for each case.
- Zhaga based presence sensor.
- Dimmable 1-10V or DALI.

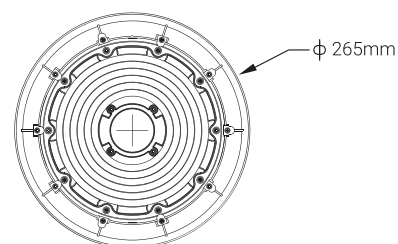
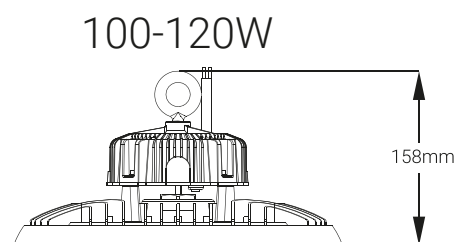
| REF          | W   | Lm    | CCT   | DIM   |
|--------------|-----|-------|-------|-------|
| HBI-D6100830 | 100 | 17130 | 3000K | 0-10V |
| HBI-D6100840 | 100 | 18400 | 4000K | 0-10V |
| HBI-D6100850 | 100 | 19000 | 5000K | 0-10V |
| HBI-D6150830 | 150 | 25700 | 3000K | 0-10V |
| HBI-D6150840 | 150 | 27600 | 4000K | 0-10V |
| HBI-D6150850 | 150 | 28500 | 5000K | 0-10V |
| HBI-D6200830 | 200 | 34250 | 3000K | 0-10V |
| HBI-D6200840 | 200 | 36800 | 4000K | 0-10V |
| HBI-D6200850 | 200 | 38000 | 5000K | 0-10V |



## Technical specifications

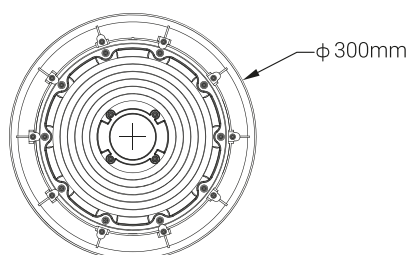
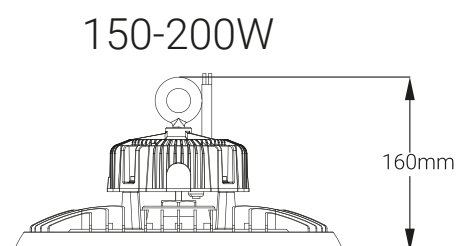
### Electrical Specifications

|                  |              |
|------------------|--------------|
| Power            | 100~200W     |
| Input Voltage    | AC 110~277   |
| Power Frequency  | 50/60 Hz     |
| Power Factor     | >0.95        |
| THD              | <15% (@230V) |
| Insulation Grade | Clase I      |



### Mechanical Specifications

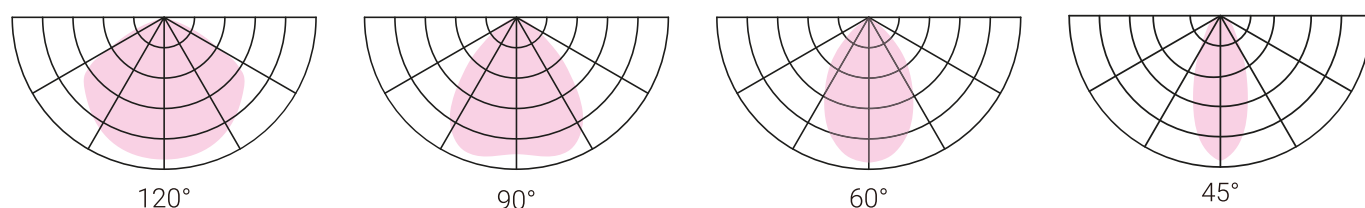
|                    |                           |
|--------------------|---------------------------|
| Color              | Black                     |
| Lens               | PC                        |
| Ingress Protection | IP 65                     |
| Impact Resistance  | IK10                      |
| Material           | ADC12 Die-cast            |
| Cover              | PC                        |
| Size (mm)          | 265*158 / 300*160         |
| Net weight (Kg)    | 2.10 / 2.42               |
| Gross weight (Kg)  | 2.60 / 2.97               |
| Package size (mm)  | 300*300*150 / 350*350*160 |



### Other Specifications

|                       |                |
|-----------------------|----------------|
| Lifespan              | ≥ 50,000 Hrs   |
| Operating Temperature | -30°~50°C      |
| Driver                | SOSEN          |
| LED                   | SMD 2835       |
| Dimming               | DALI,0-10V,PWM |

### Light Distribution Curve



\*The 45° lens is only available for Ø300x160mm high-bay.

# Dortmund

## Accessories

### Zhaga Plug & Play Sensor



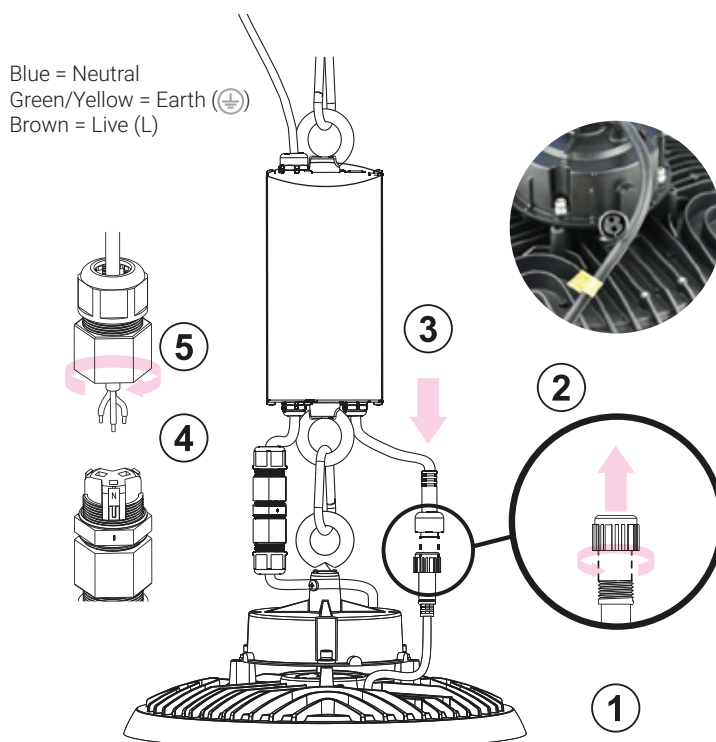
- Default setting: Detection area 100%/ Hold time 5 s/  
Daylight threshold disabled/ Standby period 0 s/ Standby  
dimming level 10%.

- Zhaga interface, multiple optional sensors. Zigbee/  
Bluetooth/2.4G Group.

### Emergency Module



|                               |               |
|-------------------------------|---------------|
| Emergency Wattage             | 8W, 10W       |
| Battery type                  | Li-Ion 21700  |
| Battery capacity              | 4800mAh       |
| Emergency Operation Time      | 3h            |
| Emergency Onversion Time      | <1s           |
| Protection                    | IP65, Class I |
| Size                          | 249xØ95mm     |
| Ambient operating temperature | 0°C to 50°C   |



### Other Accessories

Yoke bracket



Aluminium reflector



PC reflector



Tempered glass



# *Industrial Highbay* **GALATI**

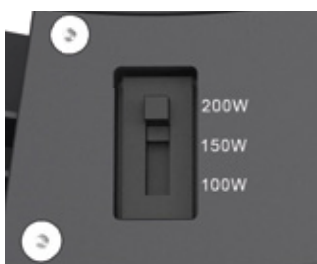




- High luminous efficiency of 150Lm/W.
- High performance power supply.
- Built-in surge protection (No DOB!).
- Multiple lenses and accessories for each case.
- Excellent price/performance ratio.

| REF          | W   | Lm    | CCT   |
|--------------|-----|-------|-------|
| HBI-GV200830 | 100 | 12980 | 3000K |
|              | 150 | 19480 |       |
|              | 200 | 25950 |       |
| HBI-GV200840 | 100 | 13950 | 4000K |
|              | 150 | 20950 |       |
|              | 200 | 28000 |       |
| HBI-GV200850 | 100 | 15000 | 5000K |
|              | 150 | 22500 |       |
|              | 200 | 30000 |       |

### Selectable power



### Independent LED driver



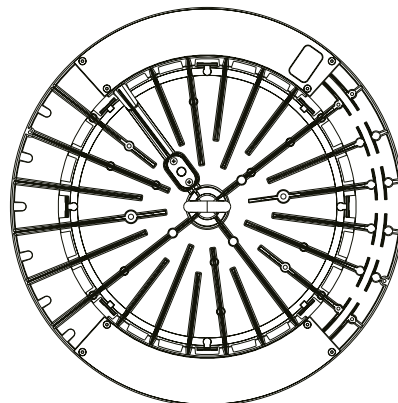
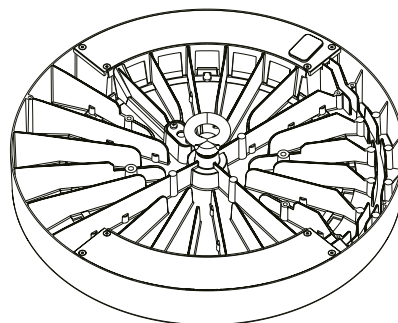
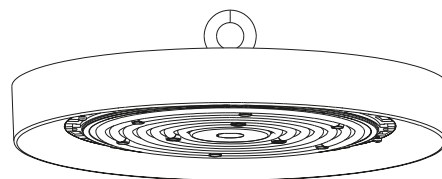
200-240Vac non-DOB  
Surge protection: L-E 4KV, L-N 4KV

# Galati

## Technical specifications

### Electrical Specifications

|                     |                  |
|---------------------|------------------|
| Power               | 200-150-100W     |
| Input voltage       | AC 220~240 Volts |
| Power frequency     | 50/60 Hz         |
| Power factor        | >0.95            |
| THD                 | <15% (@230V)     |
| Grade of insulation | Clase I          |

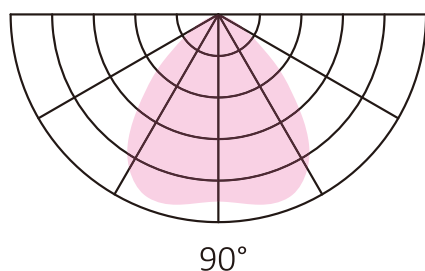
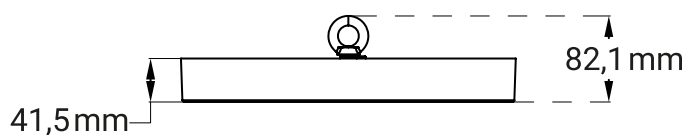


### Mechanical Specifications

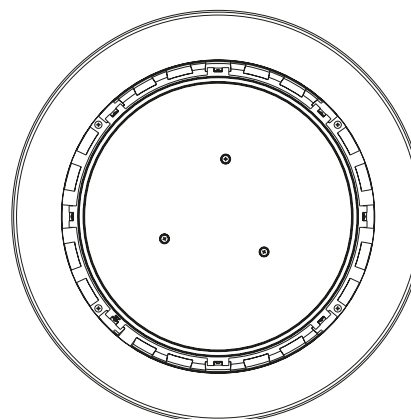
|               |                                      |
|---------------|--------------------------------------|
| Color         | Black                                |
| Lens          | Polycarbonate                        |
| IP protection | IP 65                                |
| IK            | IK10                                 |
| Material      | Housing: Aluminio ADC12<br>Cover: PC |

### Other Specifications

|                       |                |
|-----------------------|----------------|
| Life span             | ≥ 50,000 Hours |
| Operating temperature | -20°~45°C      |
| LED type              | SMD 2835       |



Ø 320mm

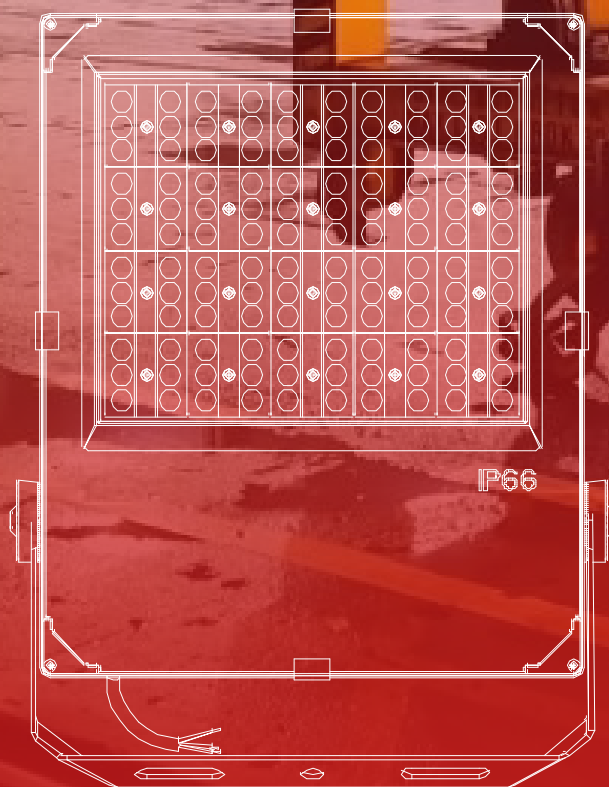


# Galati

Reflector



# *Professional floodlight* **SEFTON**





- Robust design resistant to aggressive environments.
- High luminous efficiency of 150Lm/W.
- Multiple lenses and accessories for each case.
- Optional Zhaga base presence sensor.
- Dimmable 1-10V.

| REF          | W   | Lm    | CCT   | DIM   |
|--------------|-----|-------|-------|-------|
| FLP-S5150830 | 150 | 20900 | 3000K | 0-10V |
| FLP-S5150840 | 150 | 21800 | 4000K | 0-10V |
| FLP-S5150850 | 150 | 22500 | 5000K | 0-10V |
| FLP-S5200830 | 200 | 27900 | 3000K | 0-10V |
| FLP-S5200840 | 200 | 29100 | 4000K | 0-10V |
| FLP-S5200850 | 200 | 30000 | 5000K | 0-10V |
| FLP-S5300830 | 300 | 41500 | 3000K | 0-10V |
| FLP-S5300840 | 300 | 43500 | 4000K | 0-10V |
| FLP-S5300840 | 300 | 45000 | 5000K | 0-10V |
| FLP-S5300840 | 500 | 69500 | 3000K | 0-10V |
| FLP-S5300840 | 500 | 72500 | 4000K | 0-10V |
| FLP-S5300840 | 500 | 7     | 5000K | 0-10V |



## Technical specifications

### Electrical Specifications

|                     |              |
|---------------------|--------------|
| Input voltage       | AC 110~277   |
| Power frequency     | 50/60 Hz     |
| Power factor        | >0.95        |
| THD                 | <10% (@230V) |
| Grade of insulation | Clase I      |

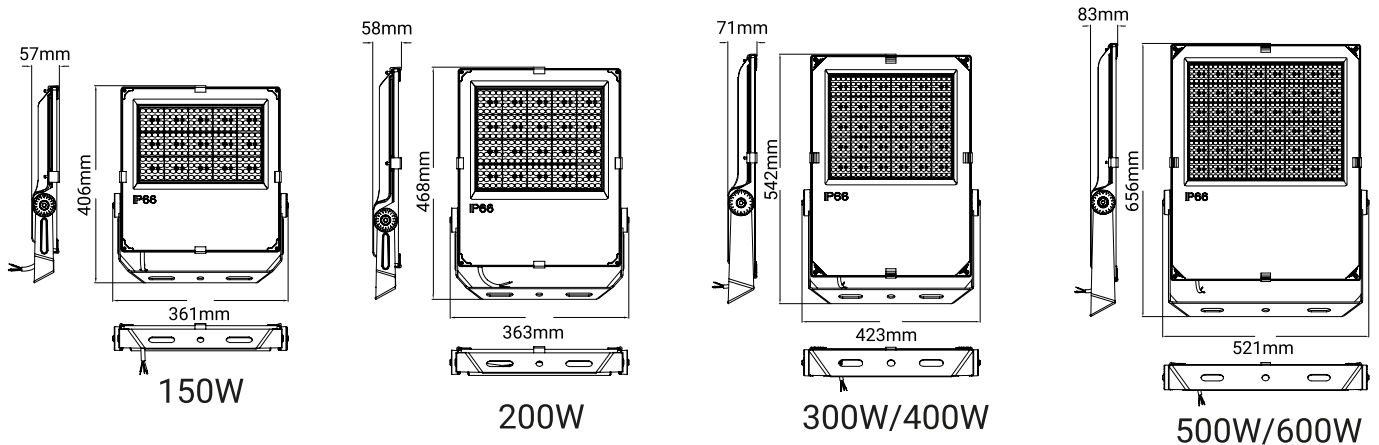
### Mechanical specifications

|          |                                                         |
|----------|---------------------------------------------------------|
| Color    | Black                                                   |
| Lenses   | Polycarbonate, PMMA                                     |
| IP       | IP 66                                                   |
| IK       | IK08                                                    |
| Material | Housing: Aluminium ADC12<br>Screws: Stainless steel 304 |

### Other Specifications

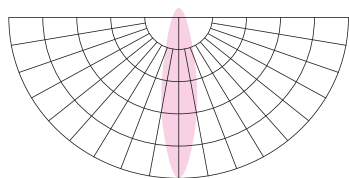
|                       |                |
|-----------------------|----------------|
| Life span             | ≥ 50,000 Hours |
| Operating temperature | -30°~50°C      |
| Driver                | SOSEN          |
| LED type              | SMD 3030       |
| Dimming               | DALI,0-10V,PWM |

### Dimensions

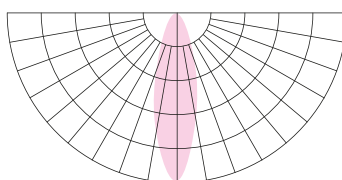


# Sefton

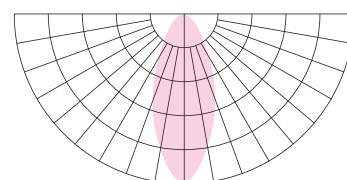
## Light distribution curve



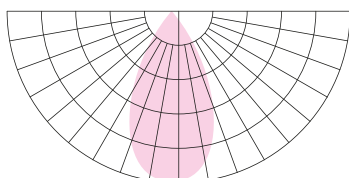
15°



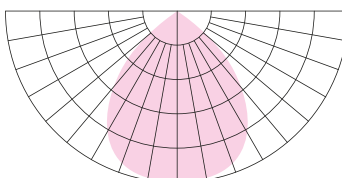
30°



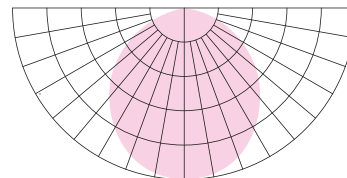
45°



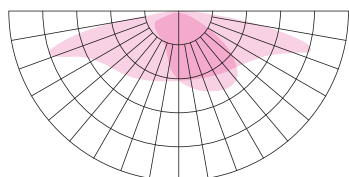
60°



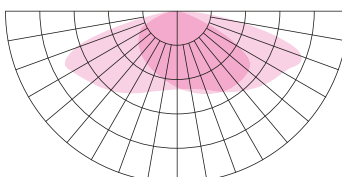
90°



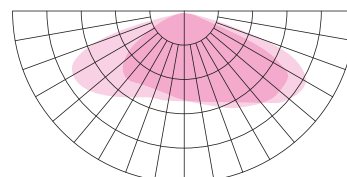
120°



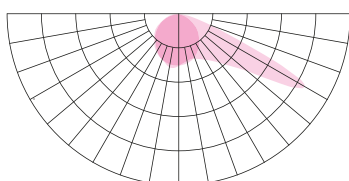
T2



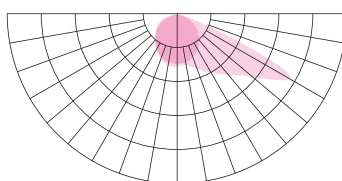
T3



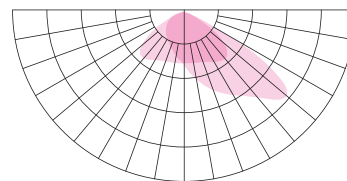
T4



110x20°



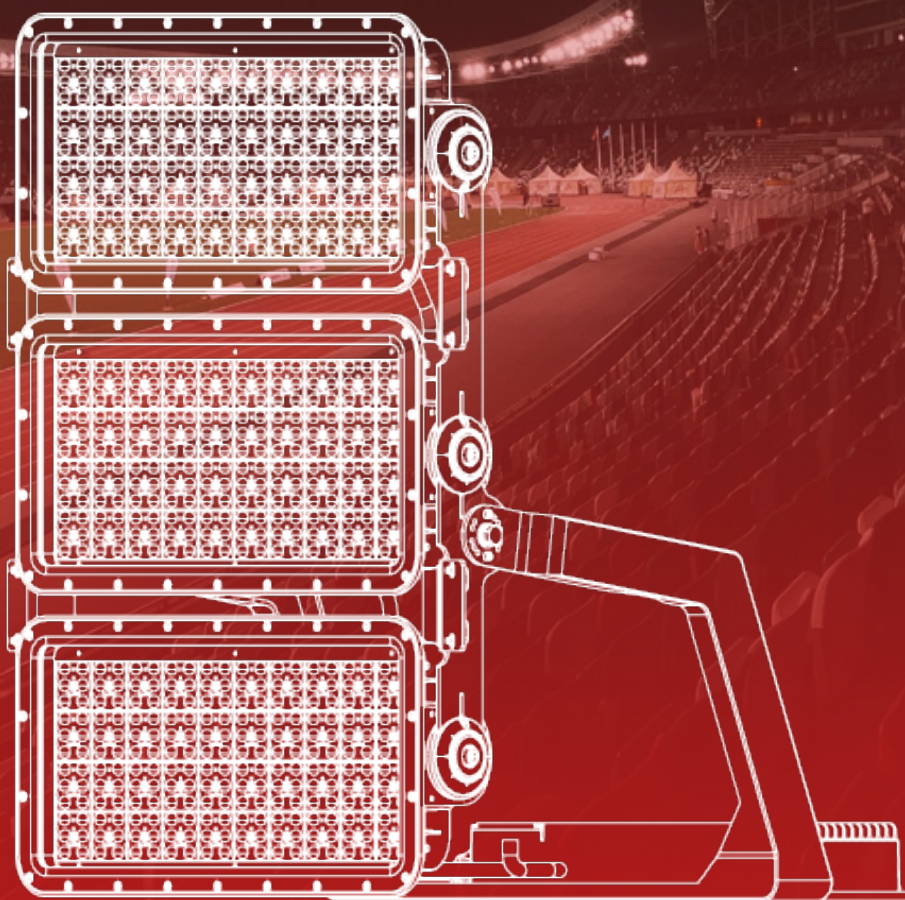
110x40°



135x60°

*Projector for large areas*

# **SUNDERLAND**



**ASTRAKTIS**



- Structure and design optimized for large surfaces.
- Robust design for durability.
- Ultra energy and luminous efficacy up to 160Lm/W .
- Multiple Light Distribution.
- Dimmable DALI 2,0, DMX 512 o 0-10V.
- Easy and economical maintenance.

| REF           | W    | Lm     | CCT   | DIM                    |
|---------------|------|--------|-------|------------------------|
| PGA-S31C4750  | 400  | 64000  | 5000K | DALI 2,0/DMX 512/0-10V |
| PGA-S31C5750  | 500  | 80000  | 5000K | DALI 2,0/DMX 512/0-10V |
| PGA-S31C6750  | 600  | 96000  | 5000K | DALI 2,0/DMX 512/0-10V |
| PGA-S32C4750  | 800  | 128000 | 5000K | DALI 2,0/DMX 512/0-10V |
| PGA-S32C5750  | 1000 | 160000 | 5000K | DALI 2,0/DMX 512/0-10V |
| PGA-S312C6750 | 1200 | 192000 | 5000K | DALI 2,0/DMX 512/0-10V |
| PGA-S313C5750 | 1500 | 240000 | 5000K | DALI 2,0/DMX 512/0-10V |
| PGA-S33C6750  | 1800 | 288000 | 5000K | DALI 2,0/DMX 512/0-10V |

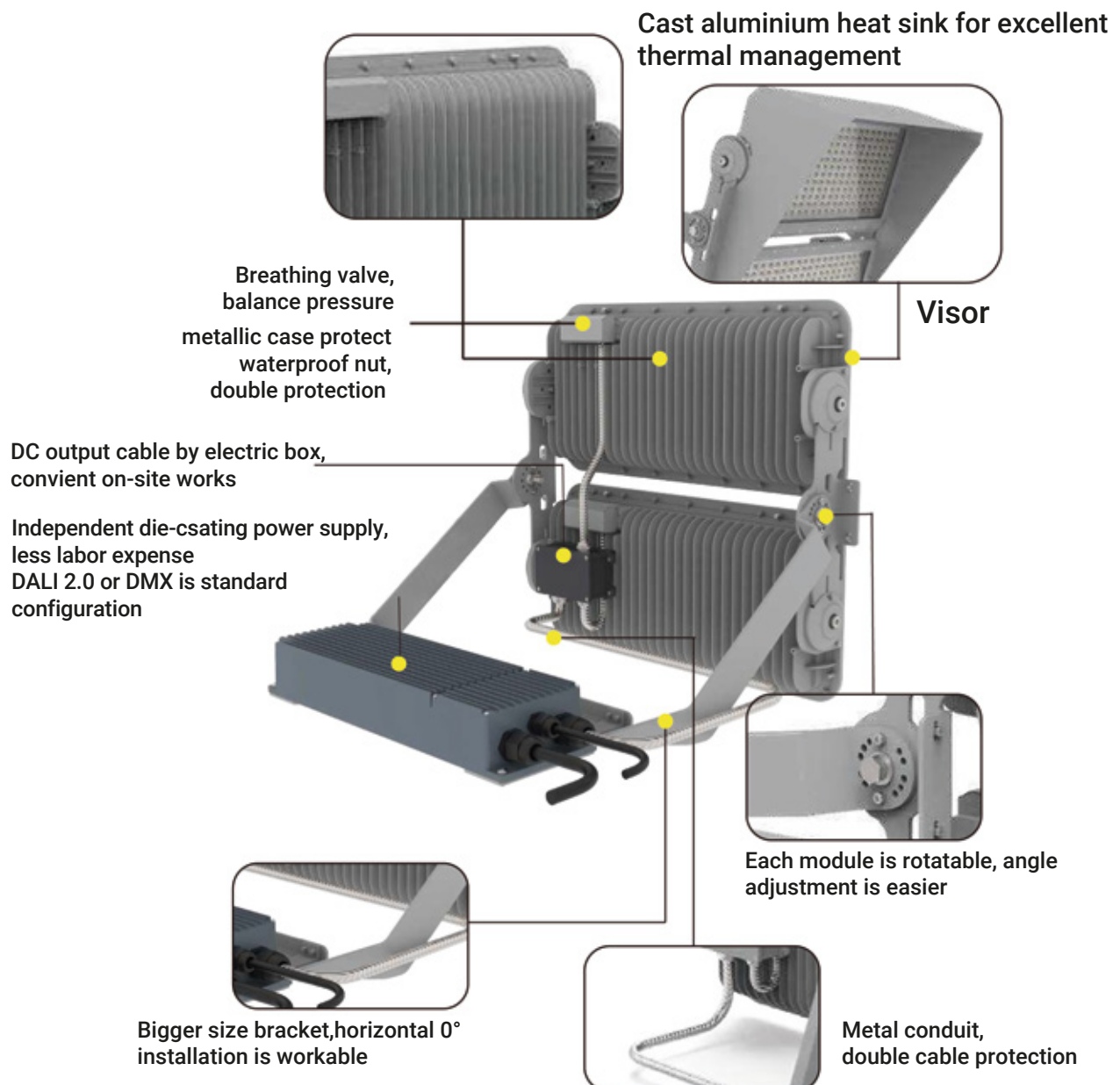


# Sunderland

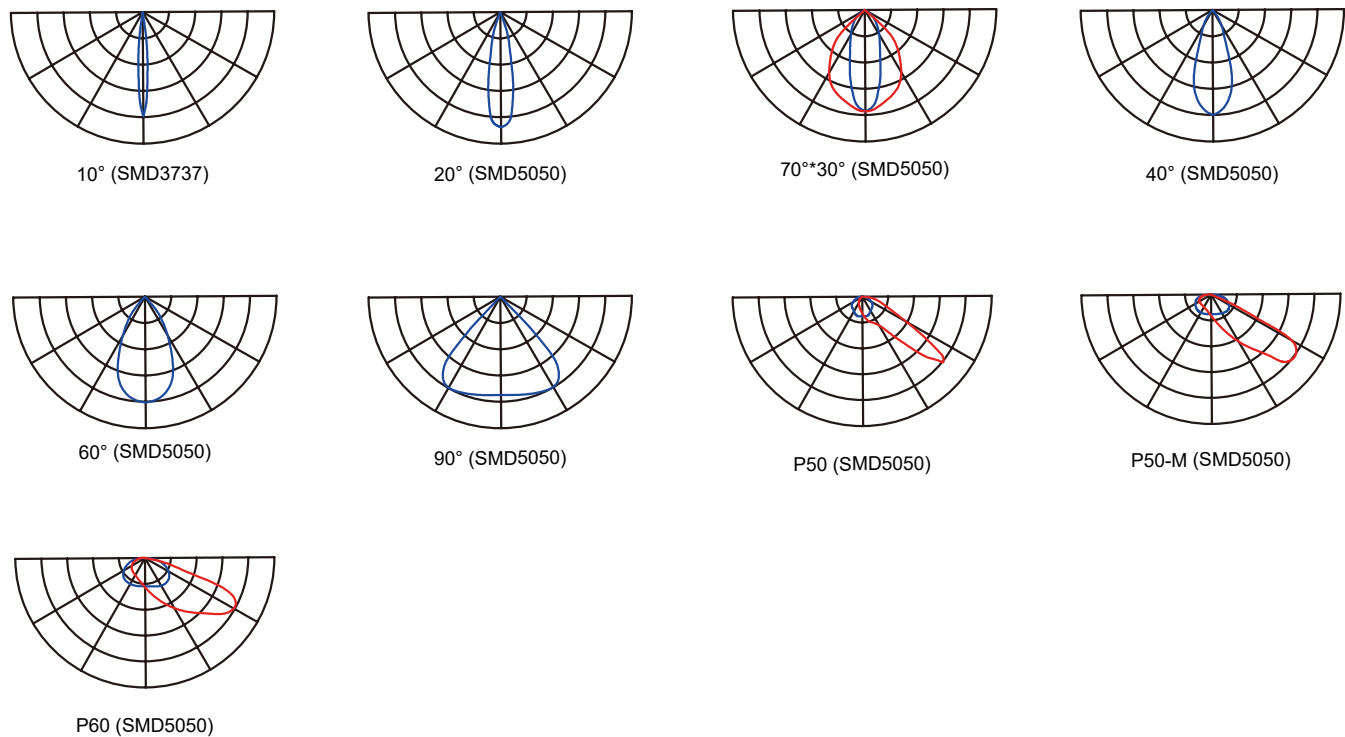
## Technical specifications

|                       |                                                  |
|-----------------------|--------------------------------------------------|
| Input voltage         | 220-400 VDC                                      |
|                       | CCT: 2200K-5700K<br>(RGB Optional)               |
| Power frequency       | >0,95                                            |
| Power factor          | <10%                                             |
| TDH                   | Clase I                                          |
| Insulation class      |                                                  |
| Life span             | ≥ 50,000 Hrs                                     |
| Operating temperature | -30°~50°C                                        |
| Driver                | Inventronic                                      |
| LED                   | SMD 2835                                         |
| Dimming               | Standard: DALI 2,0<br>DMX512 o 0~10V<br>Optional |

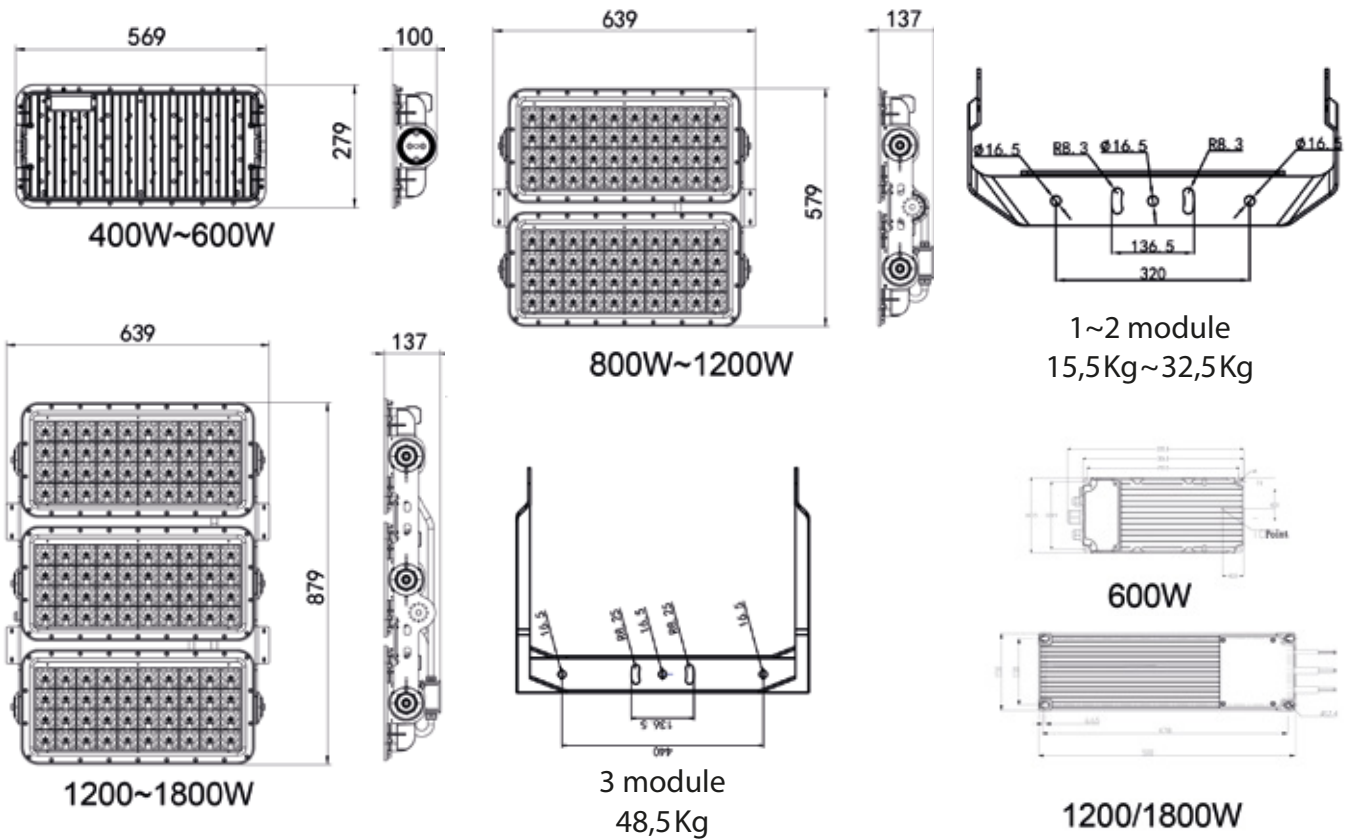
|                  |                            |
|------------------|----------------------------|
| Color            | Silver grey                |
| Lenses           | PC, tempered glass         |
| IP               | IP 66                      |
| IK               | IK08                       |
| Housing Material | Aluminium ADC12            |
| Screws Material  | 304 inox<br>(316 optional) |



# Photometry



# Size and weight



|                           |                                 |
|---------------------------|---------------------------------|
| Effective projection area | 1 module: 0.1582m <sup>2</sup>  |
|                           | 2 modules: 0.3164m <sup>2</sup> |
|                           | 3 modules: 0.4746m <sup>2</sup> |

# *Solar garden light* **DUBLIN**

- Modern decorative design ideal for urban use, parks and gardens.
- Solar+motion sensor to optimise energy efficiency.
- Good luminosity and autonomy

# Dublin



| REF         | W  | Lm   | CTT   |
|-------------|----|------|-------|
| FS-D1020730 | 20 | 3400 | 3000K |
| FS-D1020740 | 20 | 3600 | 4000K |

**Solar**  
Polycrystalline  
silicon solar panel  
LiFePO<sub>4</sub>, 54Ah

## Technical specifications

|                    |                                          |
|--------------------|------------------------------------------|
| Luminous efficacy  | 175Lm/W                                  |
| Power              | 20W                                      |
| Dimensions         | Ø 580xH248mm                             |
| Material           | Die-cast aluminium+PC (Anti-UV Material) |
| Battery Capacity   | 3,2v/54Ah                                |
| Solar Panel        | 4V/45W (Polycrystalline)                 |
| Charging time      | Sunny: 4-6 hours<br>Rainy: 2-3 days      |
| Discharge current  | 5,6A                                     |
| Recommended height | 4-6 meters                               |



Inclined solar panel,  
15% higher yield and  
easier to clean in  
rainy weather



Integrated motion sensor



+34 938 02 66 60  
Av. Països Catalans, 26, Nave 2  
08700 - Igualada - Barcelona - SPAIN  
[info@astraktis.com](mailto:info@astraktis.com)

Valid data except for typographical errors.