

# Compact I

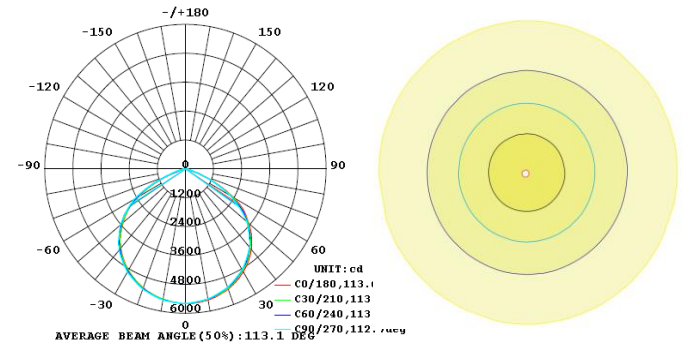
## 180W LED High Bay Specification



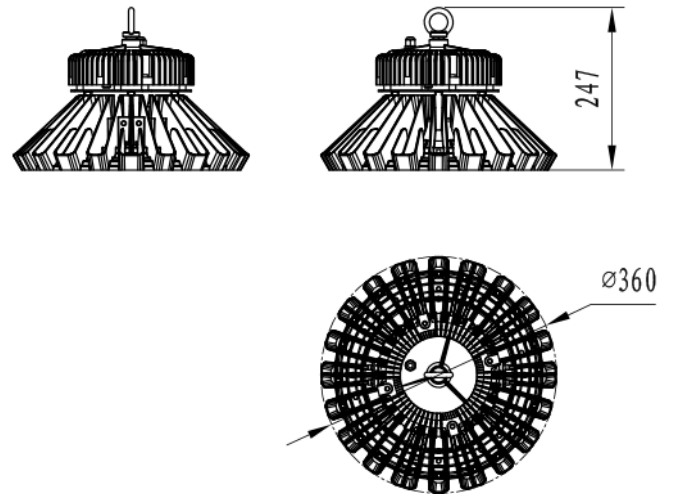
### Parameters

|                                 |                                     |
|---------------------------------|-------------------------------------|
| <b>Product Model</b>            | YHL-ID-180-HB-VD                    |
| <b>LED Chip Brand</b>           | Nichia                              |
| <b>Light Efficiency</b>         | ≥115 lm/W (135lm/W optional)        |
| <b>Luminous Flux</b>            | >20700lm                            |
| <b>Color Temperature</b>        | 4500 ~ 5500K(2500 ~ 5500K optional) |
| <b>Beam Angle</b>               | 120°(90° optional)                  |
| <b>Total Power Consumption</b>  | 185W±5W                             |
| <b>Output Current</b>           | 5.9A(constant current)              |
| <b>Output Voltage</b>           | DC 30-36V                           |
| <b>Net Weight</b>               | 6.6kg±0.3kg                         |
| <b>Light Dimensions</b>         | L360mm×W360mm×H247mm                |
| <b>Light Package Dimensions</b> | L440mm×W440mm×H310mm                |

### Light Distribution



### Physical Dimensions



|              |       |          |                         |               |                 |
|--------------|-------|----------|-------------------------|---------------|-----------------|
| ≥0.95        | 70 Ra | IP65     | ≥100000 Hrs             | AC 100-277V   | 47-63Hz         |
| Power Factor | CRI   | IP Level | TM-21(L <sub>70</sub> ) | Input Voltage | Power Frequency |

### Others

|                                  |  |                                      |
|----------------------------------|--|--------------------------------------|
| <b>Power Efficiency</b>          | <b>Working Temperature (Environment)</b> | <b>Heat Sink Surface Temperature</b> |
| >92%                             | -30°C ~ +50°C                            | 61°C (Room Temperature 30°C)         |
| <b>Fixture Efficiency</b>        | <b>Working Humidity (Environment)</b>    | <b>Luminaire Base Temperature</b>    |
| ≥90%                             | 15%~90%RH                                | 72°C (Room Temperature 30°C)         |
| <b>Total Harmonic Distortion</b> | <b>Storing Condition</b>                 | <b>LED Power Consumption</b>         |
| ≤15%                             | -40°C ~ +65°C                            | 170W±5W                              |

Suitable for Workshop, Warehouse, Gymnasium, Gas station, Shopping mall, Garage and other Lighting Purposes