

# Compact II

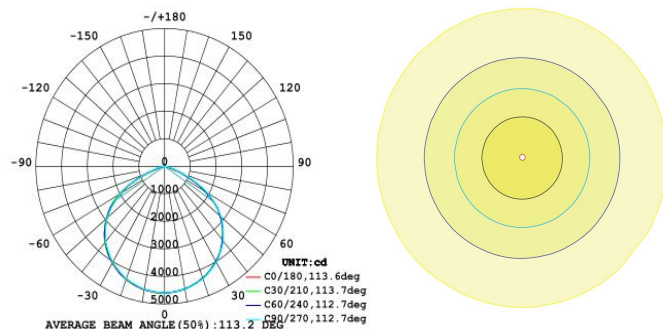
## 80W LED High Bay Specification

### Parameters

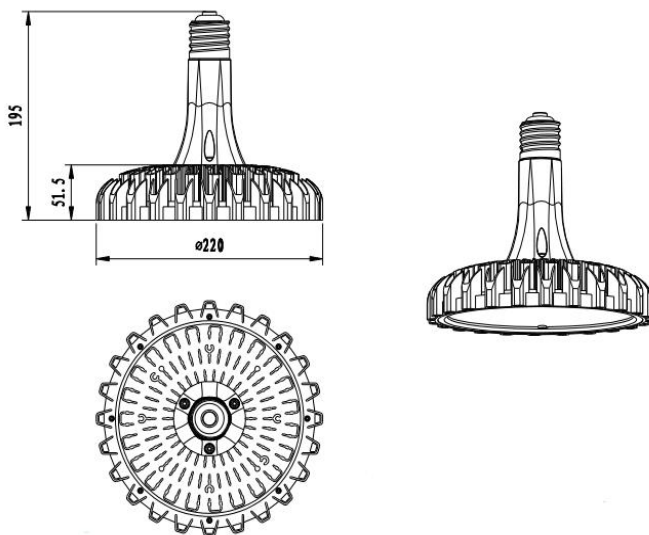
|                          |                                     |
|--------------------------|-------------------------------------|
| Product Model            | YHL-ID-80-HB-VE(ES)                 |
| LED Chip Brand           | Nichia                              |
| Light Efficiency         | ≥150 lm/W ( 130lm/W Optional )      |
| Luminous Flux            | >12000 lm                           |
| Color Temperature        | 4500 ~ 5500K(2500 ~ 5500K optional) |
| Beam Angle               | 120° ( 90°optional)                 |
| Total Power Consumption  | 85W±5W                              |
| Output Current           | 2.3A ( constant current)            |
| Output Voltage           | DC 30-36V                           |
| Net Weight               | 1.2KG±0.2kg(without driver)         |
| Light Dimensions         | L220mm*W220mm*H195mm                |
| Light Package Dimensions | L300mm*W300mm*H250mm                |

|              |       |          |                         |               |                 |
|--------------|-------|----------|-------------------------|---------------|-----------------|
| ≥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 |

### Light Distribution



### Physical Dimensions



### Others

| Power Efficiency          | Working Temperature (Environment) | Heat Sink Surface Temperature      |
|---------------------------|-----------------------------------|------------------------------------|
| ≥91%                      | -40°C ~ +50°C                     | 61.1°C ( Room Temperature 27.7°C ) |
| Fixture Efficiency        | Working Humidity (Environment)    | Luminaire Base Temperature         |
| ≥90%                      | 15% ~ 90%RH                       | 70.9°C ( Room Temperature 27.7°C ) |
| Total Harmonic Distortion | Storing Condition                 | LED Power Consumption              |
| ≤15%                      | -40°C ~ +65°C                     | 78W±5W                             |

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