**IP65**

**FIVE-YEAR 5 WARRANTY**

## iCom, the Outperformer

- High performance SMD design
- Efficacy up to 150lm/W
- Electrical: 100-240Vac/100-277Vac/277-488Vac, 50-60Hz, PF ≥ 0.95
- LED Lifespan > 50,000 hours (Ta=30℃@L70)
- Energy savings up to 90%, (depending on installation and usage patterns)
- CCT: 5000K, 4000K, 3000K
- CRI > Ra80
- Beam angle: 30°, 50°, 60°, 90° and 120° optional.
- Superior uniformity
- Superior temperature stability
- Temperature tested at toughest conditions
- Meanwell driver
- Tempered safety glass diffuser
- Operating range -30~+50°C
- Body: Aluminium alloy
- Stainless steel screws
- IP65 protection rating
- 5 years warranty

## iCom optional extras

- Occupancy Control
- DALI Control
- ZigBee Wireless Control
- 1-10V dimming control
- Daylight Sensor Control
- Alternative mounting brackets

### ISO9001: 2008

All info here ONLY for reference, please confirm with our sales before order.

## iCom Product Range

| Part Number | RB01-50 | RB01-70 | RB01-90 | RB01-100 | RB01-120 | RB01-150 | RB01-200 | RB01-100 | RB01-120 | RB01-150 | RB01-200 | RB01-240 | RB01-300 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lumen Output | 6,250lm | 8,750lm | 11,700lm | 13,000lm | 15,600lm | 19,500lm | 26,000lm | 15,000lm | 18,000lm | 22,500lm | 30,000lm | 32,400lm | 40,500lm |
| Wattage | 50W | 70W | 90W | 100W | 120W | 150W | 200W | 100W | 120W | 150W | 200W | 240W | 300W |
| Luminous Efficacy | 125lm/W | | | 130lm/W | | | | 150lm/W | | | | 135lm/W | |
| CCT | 3000K, 4000K, 5000K | | | | | | | | | | | | |
| CRI | >Ra70, >Ra80 | | | | | | | | | | | | |
| Beam Angle | 90°, 120° | | | 50°, 90°, 120° | | | | 60°, 90°, 120°, 30°(300W) | | | | | |
| Input Voltage | 100-240Vac/100-277Vac/277-488Vac 50-60Hz PF ≥ 0.93 | | | | | | | | | | | | |
| IP Rating | IP20 | IP65 | | | | | | | | | | | |
| LED Driver | Meanwell | | | | | | | | | | | | |
| HID Equivalent | 120W | 160W | 230W | 250W | 250 -400W | 400-600W | 700W | 250W | 250 -400W | 400-600W | 700W | 800W | 1000W |
| Certification | CE, CB, SAA, DLC, RoHS, ENEC, GS, DMARK, SASO, EMC,UL | | | | | | | | | | | | |

## Control Options

Add to the product part numbers to include these control options

| Occupancy Control | DALI Control | 1-10V Dimming Control | Zigbee Wireless Control | Daylight Sensor Control |
|---|---|---|---|---|

## Photometric Diagrams



R19601  R25201  R25202  R25203

R53201  R53202  R53203

## Mounting Options



# iCom
## Innovation Over Adaption

**IP65**

**FIVE-YEAR 5 WARRANTY**
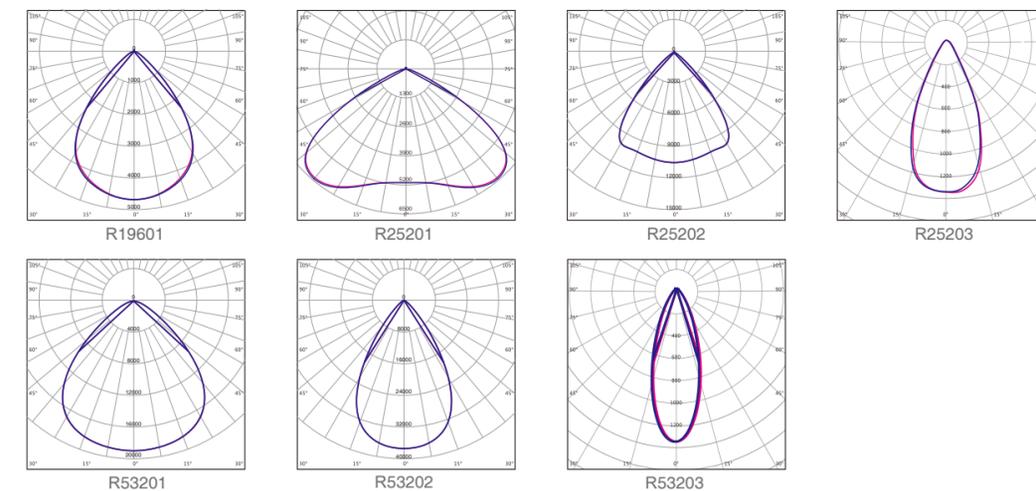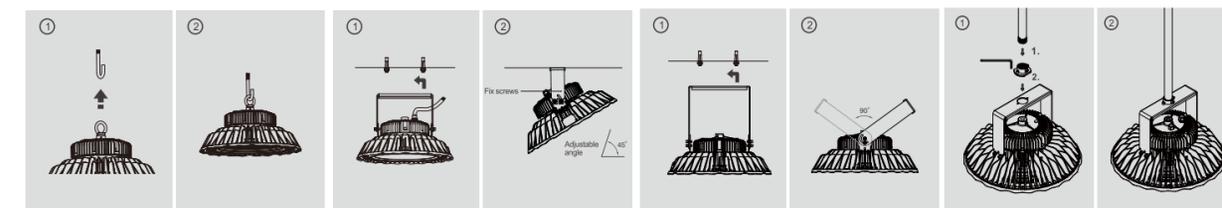
# iCom, the Outperformer

## The high performance, high efficiency, guaranteed quality LED high bay

The move to LED highbays is on. The energy savings and maintenance benefits are significant, especially if you choose the right alternative. iCom is the right alternative.

### iCom, the right alternative

iCom is an innovation in LED high bay lighting. Thinking outside the square, Our designers have rejected COB for a smarter SMD design providing a smaller, lighter, and more powerful solution.

### Reliability by design

A long maintenance free life is a vital value of LED, and heat management governs LED life. iCom's superior temperature management, supported by the use of under driven, high specification components means HiCloud is perfect for even the toughest conditions.

### Reliability guaranteed

iCom's inherent reliability is ensured by rigorous production line inspection and testing, and thorough burn-in procedures. We're so confident with iCom, we'll gladly provide a five year warranty.

### Immediate Availability

Our partner is the only LED High Bay manufacturer to keep stock. Nowhere else can buy products straight off the shelf. Samples and small quantities can usually be despatched in 1 to 2 weeks.

### Product selection – forget the guess work

Correct product selection is vital for the best lighting and financial outcomes. Don't wrestle with the direct equivalent dilemma. Go to agcled.com and request a photometric simulation for your installation. Insert the details and we'll send you a detailed recommendation, a recommendation you can be certain will provide the required uniformity and lux levels. Technical Data Sheets and IES photometry files are also available on request.

### Superior payback, long term asset

The expense of a quality LED solution can often be recovered in a little as two years depending on usage patterns and power prices. From that point forward, the savings go straight to the bottom line. Those savings continue for many years, theoretically, as long as 23 years for a typical business profile. Have a look at the ROI page at agcled.com or send us the details and we'll estimate it for you.

### iCom, the range, the options

iCom mainly offers ratings from 6,250lm to more than 40,500lm to match almost any application, each one rated IP65.
The standard beam angle is 120, 90, 60 with 50 also available as required. Other options include Occupancy control, DALI 1-10V dimming, ZigBee, Daylight sensor Control.
Occupancy Control can increase energy savings to as high as 90%. It ensures iCom are only 'on' when someone is present and then only to increase the light to a preset desired level.

Meanwell quality driver

Better cooling

IP65 Protection rating

Well spaced SMD Nichia chips, large diameter circuit board and heat sink interface

Tough protection – tempered safety glass dffuser

Stainless steel screws
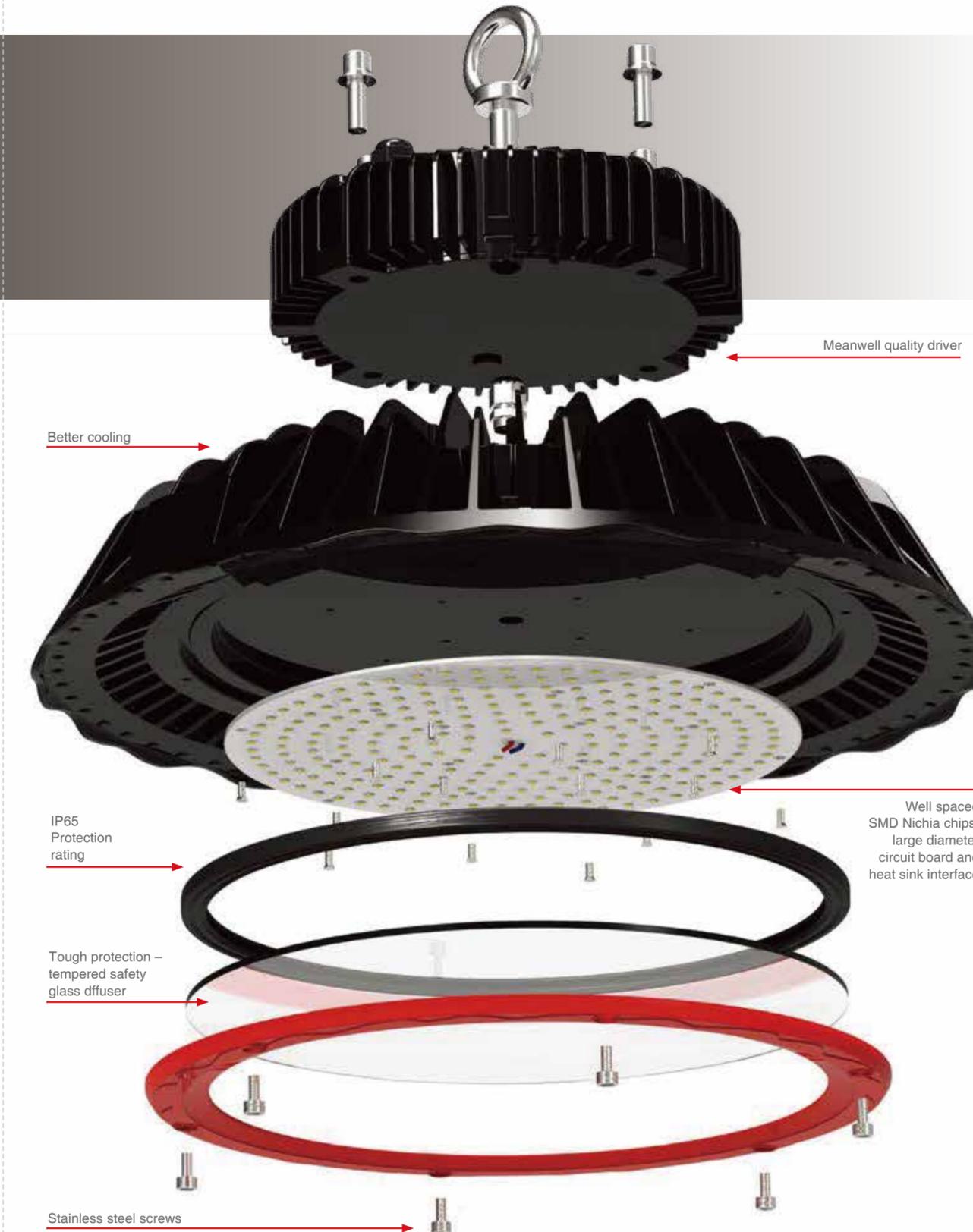
# iCom

## Superior thermal management

An even heat distribution and lower temperature rise
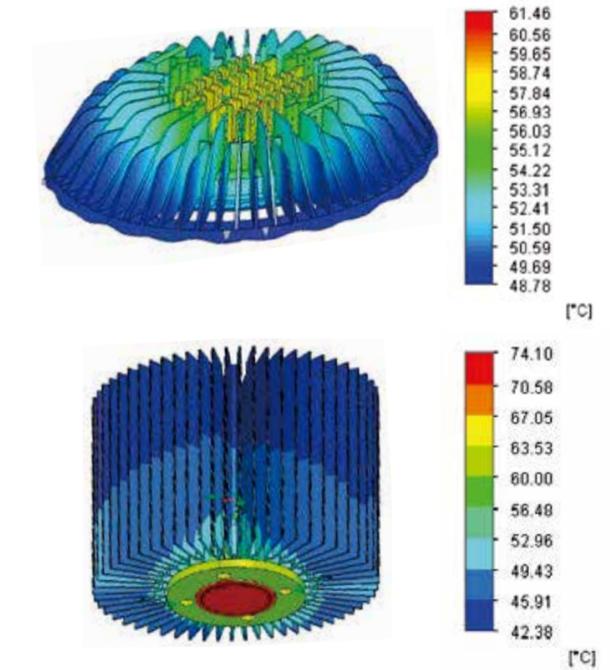


## Superior lighting performance

Outperforms conventional LED high bay designs

| iCom 150W | Other LED 150W |
|---|---|
| 312 lux working plane | 199 lux working plane |
| 0.650 Uniformity | 0.394 Uniformity |
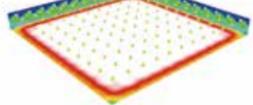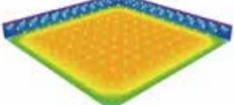
Room width 100m   Room length 100m   Room height 10m
Fixture Qty 225pcs Fixture spacing 6.7m