



HiCloud

Innovation over adaption



HiCloud, the outperformer

- High performance SMD design
- Efficacy up to 150lm/W
- Electrical: 100-277V~, 50-60Hz, PF ≥ 0.95
- LED life projection >100,000 hours (TM21 L70)
- Energy savings up to 90%, (depending on installation and usage patterns)
- CCT: 5000K (other 0K available to special order)
- CRI>70 (CRI>80 optional)
- Standard Beam angle 120° (50° and 90° Optional)
- Superior uniformity
- Superior temperature stability
- Temperature tested for the toughest conditions
- Quality Meanwell long life driver
- Compact size (383mm x 195mm)
- Light weight (6-7kg)
- Tempered safety glass diffuser
- Operating range -30~+50°C
- Body : Aluminium alloy
- Stainless steel screws
- IP65 Protection rating
- 0.3m flex (other lengths and plugs optional)
- Five years warranty

HiCloud optional extras

- Occupancy Control
- DALI driver
- ZigBee Wireless Control
- 1-10V dimmable driver
- Alternative mounting brackets

HiCloud Product Range

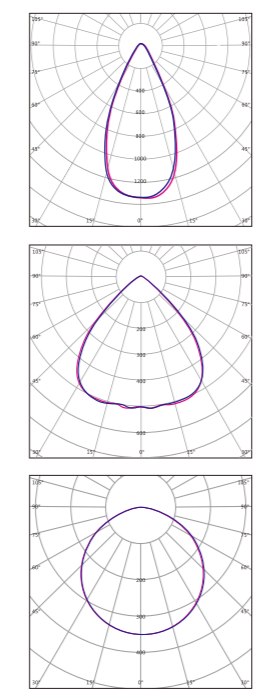
Part numbers	HB01-50	HB01-70	HB01-90	HB01-100		HB01-120		HB01-150		HB01-200		HB01-240	HB01-300
Output	6,200lm	8,150lm	10,250lm	13,000lm	15,000lm	15,600lm	18,000lm	19,500lm	22,500lm	26,000lm	30,000lm	31,200lm	39,000lm
Power	50W	70W	90W	100W		120W		150W		200W		240W	300W
Efficacy	≥120lm/W	≥120lm/W	≥120lm/W	≥130lm/W	≥150lm/W	≥130lm/W	≥150lm/W	≥130lm/W	≥150lm/W	≥130lm/W	≥150lm/W	≥130lm/W	≥150lm/W
CCT	3000K, 4000K, 5000K												
CRI	>70, >80												
Beam angle	90°, 120°			50°, 90°, 120°						60°, 90°, 120°			
Nichia LED Chips. 1.4W	63pcs	84pcs	112pcs	112pcs	252pcs	140pcs	336pcs	189pcs	432pcs	252pcs	528pcs	434pcs	532pcs
Input Voltage	100-277Vac 50-60hz PF ≥ 0.95												
IP Rating	IP65												
Driver	Meanwell IP65												
HID Equivalent	120W	160W	230W	250W	250-400W	400-600W	700W	800W	1000W				

Control Options

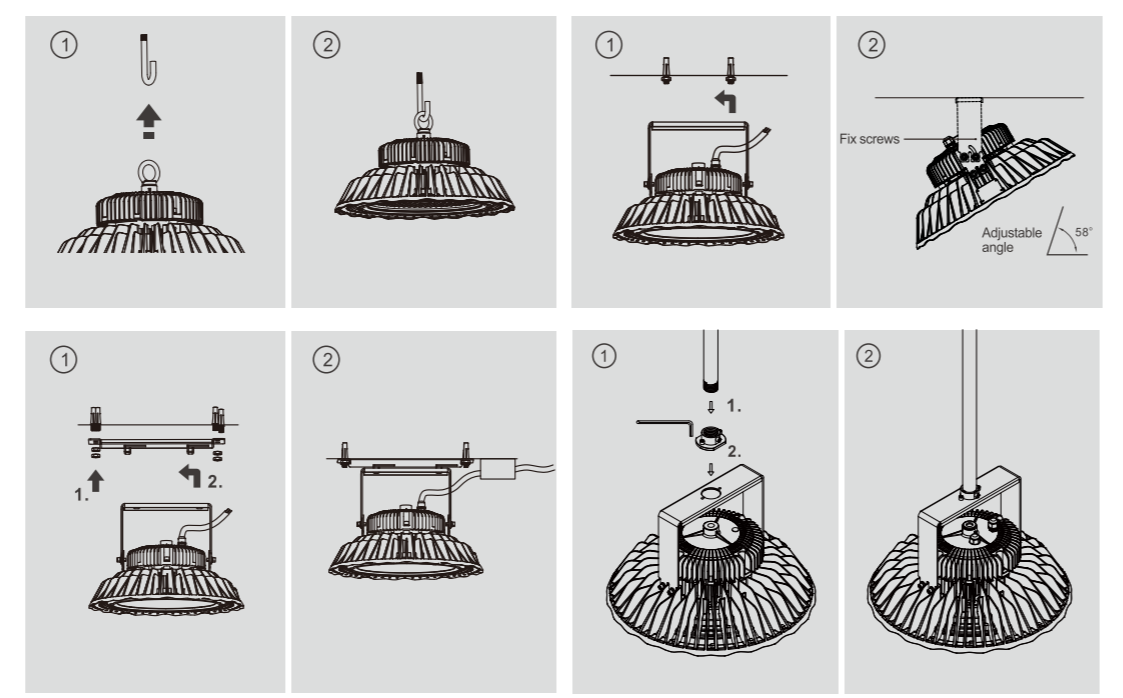
Add to the product part numbers to include these control options

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



HiCloud Mounting



HiCloud, 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. HiCloud is the right alternative.

HiCloud, the right alternative

HiCloud is an innovation in LED high bay lighting. Thinking outside the square, OK LED 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. HiCloud'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

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

Immediate Availability

OK LED 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 24 to 48 hours.

Product selection – forget the guess work

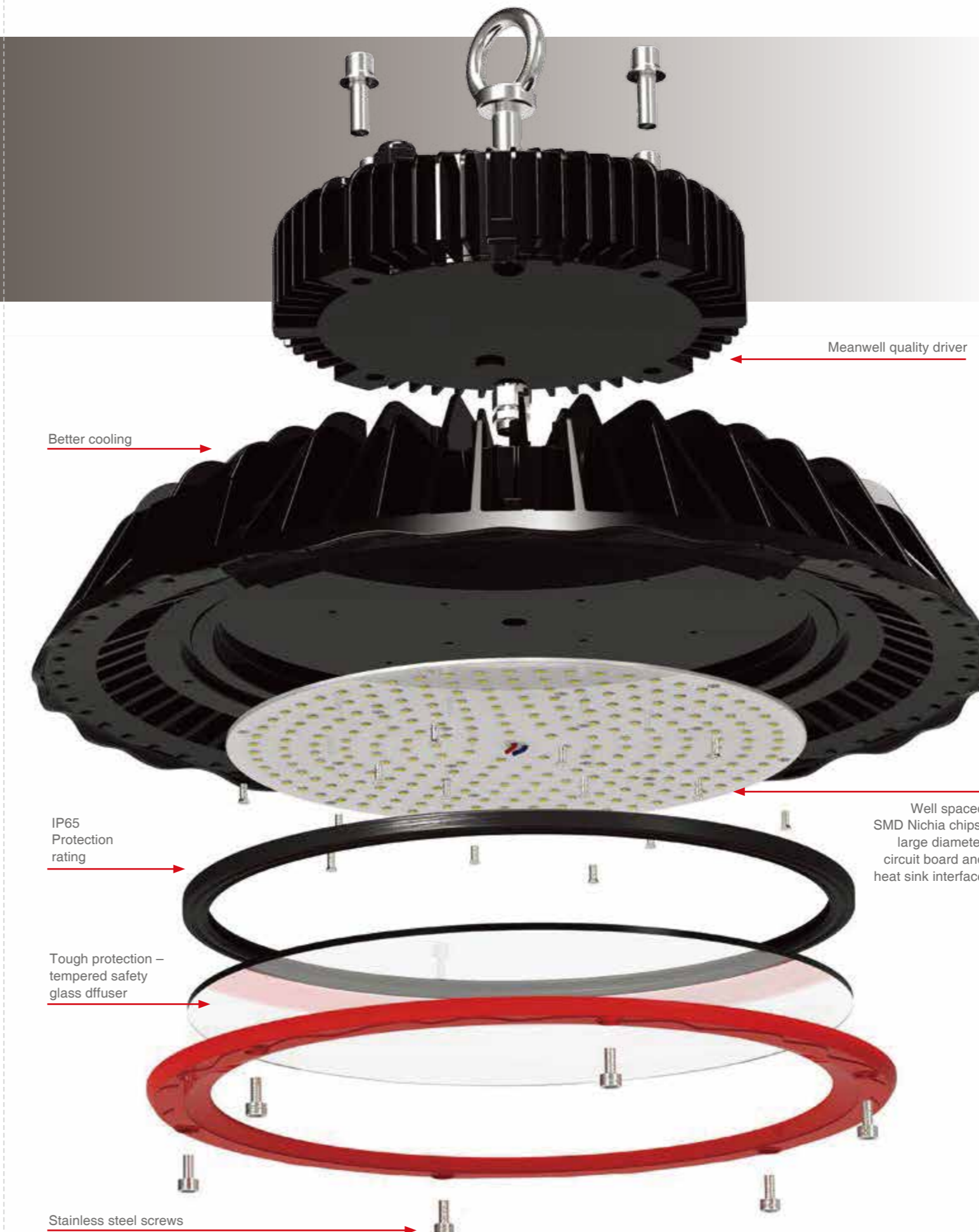
Correct product selection is vital for the best lighting and financial outcomes. Don't wrestle with the direct equivalent dilemma. Go to okled.com and request a photometric simulation for your installation. Insert the details and we'll send you a detailed recommendation, a recommendation you can be certain 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 okled.com or send us the details and we'll estimate it for you.

HiCloud, the range, the options

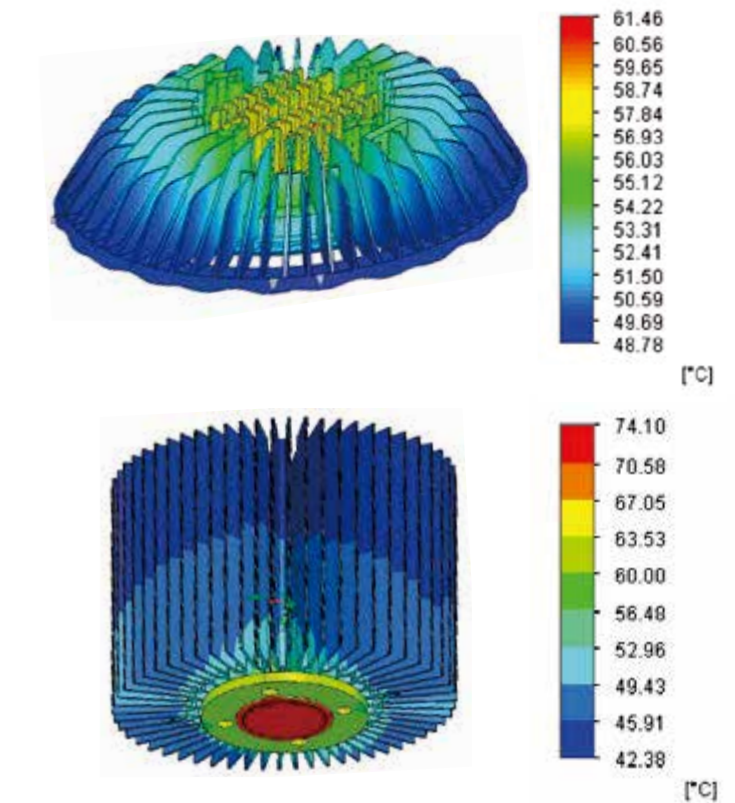
HiCloud offers ratings from 12,000lm to more than 24,000lm to match almost any application, each one rated IP65. The standard beam angle is 120°, with 60° also available as required. Other options include Presence Control, DALI and 1-10V dimming. Occupancy Control can increase energy savings to as high as 90%. It ensures HiCloud are only 'on' when someone is present and then only to increase the light to a preset desired level.



HiCloud

Superior thermal management

An even heat distribution and lower temperature rise



Superior lighting performance

Outperforms conventional LED high bay designs

HiCloud 150W	Other LED 150W
	
312 lux working plane	199 lux working plane
0.474 Uniformity	0.394 Uniformity
	

Room width 100m Room length 100m Room height 10m
Fixture Qty 225pcs Fixture spacing 6.7m