



PERFEKT LIGHT

## HIGH BAY

*Unprecedented one in industrial lighting*

121.44<sup>LM/W</sup>  
LM79

98.98% @ 50000  
hours

*Powerful Compact Efficient*



**Lufthansa**

Airbus A380-800  
Frankfurt am Main

■ AIR HANGAR OF LUFTHANSA-FRANKFURT AIRPORT

HIGH BAY

DESIGNED LUMINAIRE, DESIGNED FLUX



**5 years Loyalty with Philips**

The cooperation with Philips is all along the development of Standard Lighting. The use of Philips Luxeon chip and Xitanium driver made it possible to build the Highbay with very high standards in terms of technical features and design.

Moreover, the direct feedback by our existing customers, as well as the Philips' global experience in application helped us meet these requirements in a concept of global product & local care.



Mr. Zhaobiao Ke  
Designer of Aurora

**Design**

We are fortunate to live in an age of cutting-edge technology, and thankful for stepping on the shoulders of giants. Believing everyone is unique, we are determined to stand out from mediocrity and homogeneity. On the way to expressing our understanding of the world, bettering people's lives through our products, and appreciating the contributions of those that came before. This is why we created the HIGHBAY, and this is how this HIGHBAY will serve the people.



HIGH BAY

PROFESSIONAL, SAFE, PERFORMANCE

**Professional**

Born for LED industrial lighting, 5 years constant effort in high bay design, optimization and production. Thousands of luminaires in service all over the world. Never before has a manufacturer so focused and experienced.

**Safe**

As The only manufacturer in China producing ENEC certified LED High bay and LED Flood light, we take safety always the first priority. It starts from the product design, and though along the production, shipment, installation, operation and maintenance.



**Performance**

121.44lm/w system efficiency and 98.98% lumen maintenance at 50,000 hours set the impressively high record and standard for industrial lighting, undisputed King of performance. All measurements are done by the TUV SUD, accurate and reliable.

PERFEKT LIGHT

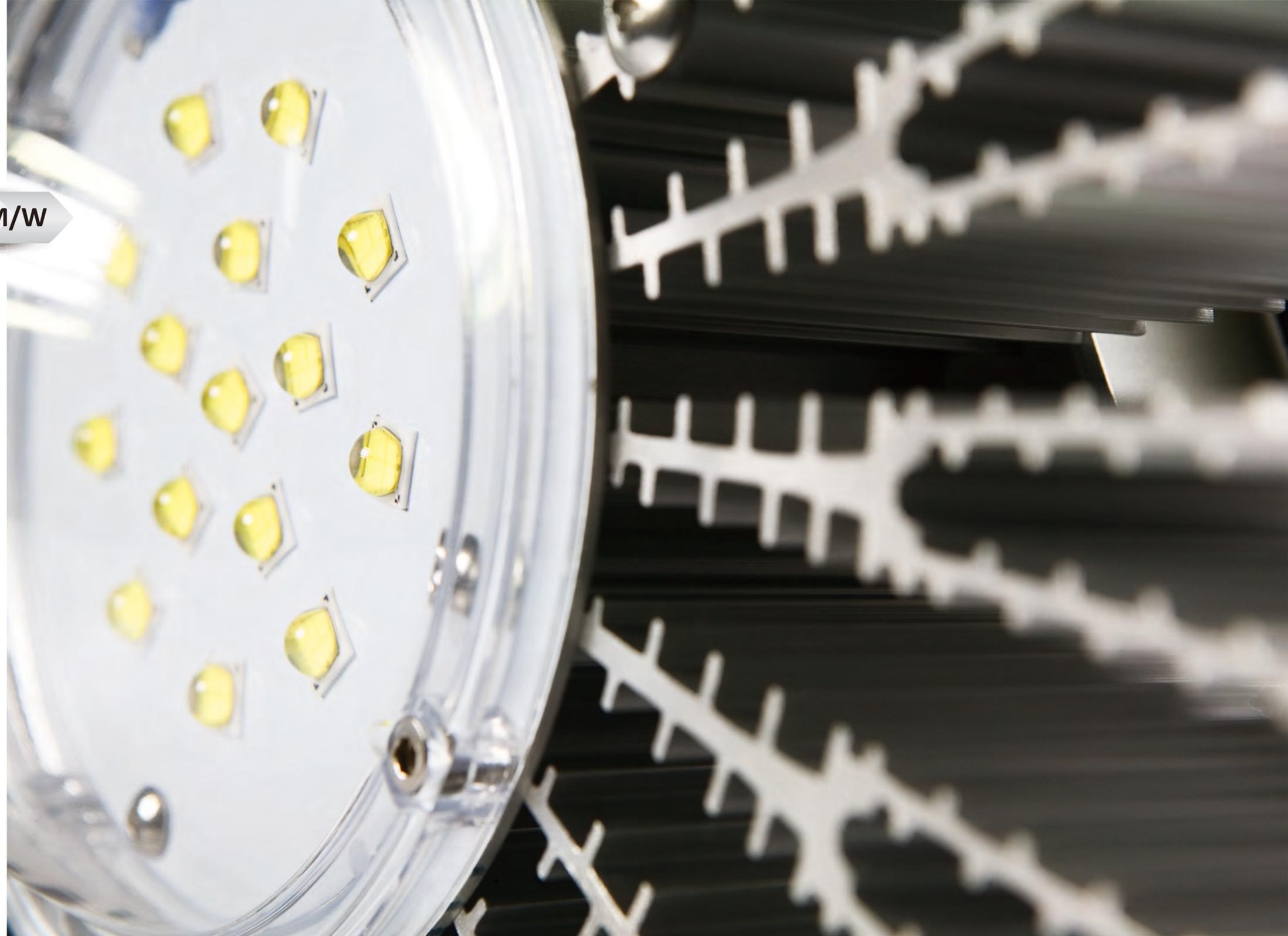
HIGH BAY

SECOND TO NONE IN EFFICIENCY

121.44LM/W

The luminaire's inner workings and appearance have been designed from scratch – this was the only way to make our HIGHBAY achieve its outstanding efficiency level. With Philips Luxeon M, up to 150lm/w hot efficiency, the best chip for industrial lighting, We are able to create the zenith of efficiency.

The patent cooling system of aurora is the Key point of efficiency miracle. Integrated design, accurate calculation and seamless joint make it possible to happen.



HIGH BAY

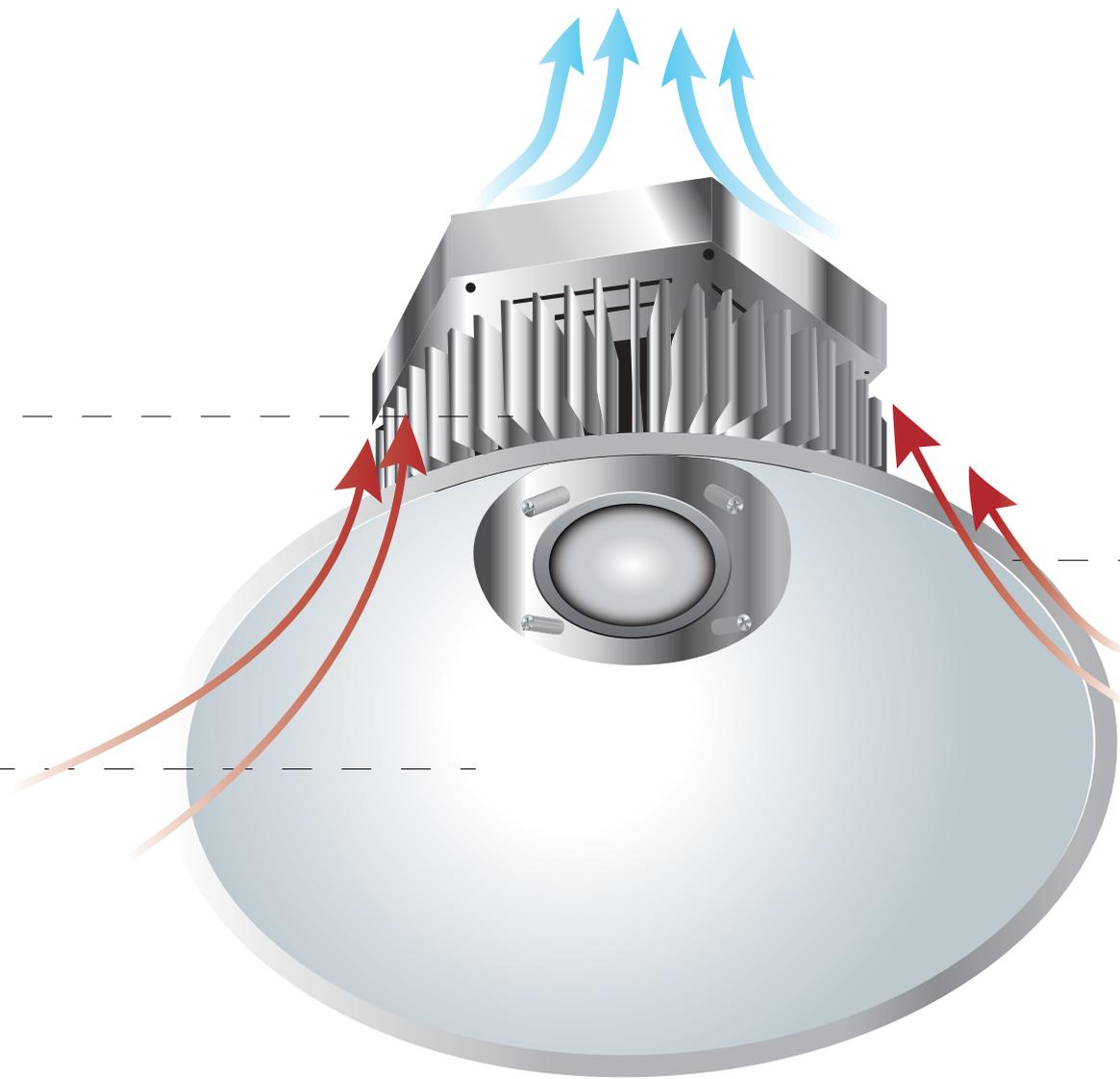
ULTIMATE THERMAL MANAGEMENT

**280mm Cool housing**

The 6063 aluminum extrusion housing is both lightweight and rugged which create extra-large cooling area. The luminaire's thermal management is optimized by the patented housing design, as well as the heat pipe technology.

**Various beam angles**

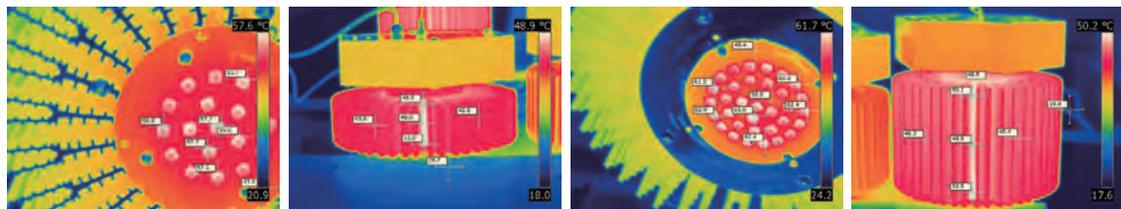
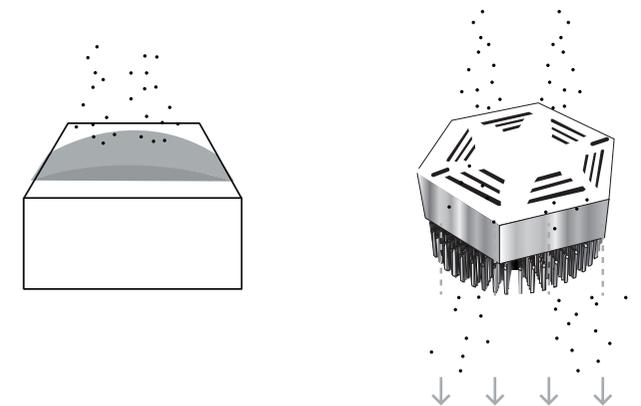
Different reflectors options. PC to aluminum, difference beam angle for difference application.



**AIR FLOW**

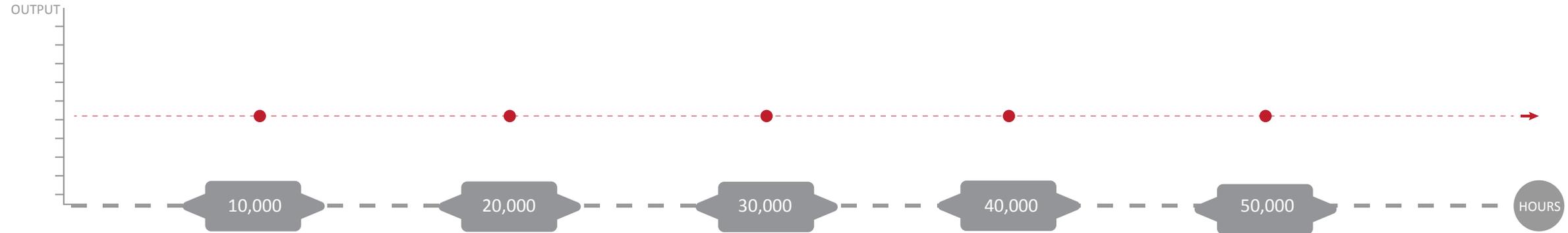
We create air flow through the luminaire. This sustainably protects the technical components from overheating and optimizes the luminaire's service life. The circulation of air, vertical luminaire surfaces and a ventilated driver box prevent accumulation of a dust layer impairing thermal management.

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## HIGH BAY

LIFE-10 YEARS OR MORE



IES-TM21 by TUV-SUD shows the lumen maintenance of 80w HIGHBAY Mini, 130w and 300w Aurora high bay at 50,000 hours are a truly incredible consistent output.

Built-in DALI-dimmable HIGHBAY makes perfect use of the possibilities of lighting control. Controlled lighting solutions save energy and adjust to changing requirements: areas requiring 500 lux for production activities today may make do with 200 lux for storage purposes tomorrow.

From the first time we are switched on, and throughout its service life, the light colour chosen (4000 K, 5000k or 5700 K) will be stable. We meets colour rendering requirements with levels of up to Ra > 90.





■ DALI DIMMING AURORA HIGHBAY-OIL TOOL COMPANY GERMANY



***Mini 27-80w PC reflector***

A typical low bay with compact housing. PC reflector as standard makes it an ideal luminaire for many commercial place. Family design ensures its outstanding efficiency in lighting and energy.



***200w Al reflector 45°***

Usually needed for space with over 15m mounting height, and 45° Aluminum reflector is mostly used for high mounting HIGHBAY to creat concentrated lighting area.



***100-130w PC reflector***

Right model to replace the traditional 250w metal halide. PC reflectors brings a nice appearance, and light spread though reflector to the whole space.



***250-300w Al reflector 120°***

If the facility is high-ceiling and the lux requirement is also high (over 500lux), it is the right filed forthis HIGHBAY 250-300w. 1-10v and DALI dimming are both available for these models.



***160w Al reflector 90°***

Most popular model as it is right to replace the 400w metal halide, which account for 85% traditional industrial lighting fixtures. The 1:1 dimension of heat sink and driver box makes it the most beautiful HIGHBAY.



***350-400w without Reflector***

Like a Sun, powerful and bright. The only choice to replace the 1000w Metal Halide. Big HIGHBAY for Big Project, Mostly serves aircraft industry, logistics and warehousing, shipbuilding and heavy industry.



**MINI**

MODEL	PL-27A	PL-53A	PL-80A
SYSTEM POWER(W)	27	53	80
SYSTEM FLUX(LM,5700K)	3,220	6,322	9,542
SYSTEM FLUX(LM,4000K)	2,995	5,880	8,874
NET WEIGHT(KG)	2	2.5	3



**PREMIUM**

MODEL	PL-100A	PL-130A	PL-160A	PL-200A	PL-250A	PL-300A	PL-350A	PL-400A
SYSTEM POWER(W)	100	130	160	200	250	300	350	400
SYSTEM FLUX(LM,5700K)	11,367	14,777	18,187	22,734	28,417	34,101	41,748	47,712
SYSTEM FLUX(LM,4000K)	10,571	13,743	16,914	21,143	26,428	31,714	38,826	44,373
NET WEIGHT(KG)	5	5	5.5	7.5	9	9.5	11	11

\* Lumen output tested by TUV SUD through the method of IES-LM79, based on 4 hours operating with 120degree reflector.

\* We maintains a tolerance of ±5% on power and ±10% on flux measurements.

## LED HIGH BAY LIGHT

<b>CHIP</b>	<b>DRIVER</b>	<b>LED EFFICIENCY</b>	<b>SYSTEM EFFICIENCY</b>
PHILIPS LUXEON M	PHILIPS XITANIUM	140-150/LM/W	113.67LM/W
<b>AC INPUT</b>	<b>COLOR RENDERING</b>	<b>COLOR TEMPERATURE</b>	<b>POWER FACTOR</b>
220-240V 120-277V	RA 70 RA 80	3000K 4000K 5000K 5700K	≥0.95
<b>IP CLASS</b>	<b>INSULATION CLASS</b>	<b>WORKING TEMPERATURE</b>	<b>THD</b>
IP65	CLASS 1	-40°C —55°C	≤15%
<b>HOUSING MATERIAL</b>	<b>LUMINOUS MAINTENANCE</b>	<b>WORKING LIFE</b>	<b>DIMMING</b>
ANODIZING 6063 ALUMINUM EXTRUSION	LM80 APPROVED	50000HRS AT TJ 135°C	DALI 1-10V

And we have another family product for external lighting New Vision Flood Light, to be continue...



**NEW VISION LED FLOOD LIGHT**

11,832lm-59,160lm



PERFEKT LIGHT

NICE TO LIGHT YOU

