X2-Series

Our DOB Series is designed with cutting-edge technology

To eliminate irritating buzzing and harsh glares, ensuring your eyes stay comfortable. Plus, our exceptional 3-year warranty speaks to the quality and dependability of our product.

IP65 **IK07** **3yrs Warranty**

DOB UFO HIGH BAY SOLUTION

Driver on board technology by adopting linear IC drivernot only saves cost, but also makes sure a small size andight weight of the driver unit compared to the traditionaAC/DC LED module drivers.
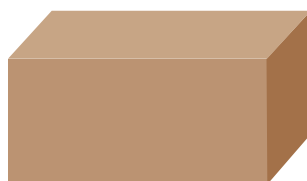
REDUCE SHIPPING COSTS SAVE UP TO 40%

Thanks to the compact design, the L Series can load 40% more than regular high bay products in one container, which will save your shipping cost a lot.

DOB-Series

Ordinary

DESIGNED WITH CUTTING-EDGE TECHNOLOGY

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APPLICATION

SPECIFICATIONS TABLE

GENERAL INFORMATION	
Driver included	Yes
CE mark	Yes
RoHS compliant	Yes
Safety features	Open circuit protection Short circuit protection Overvoltage protection
Testing standard	LM-79-19 (all measurements in ISO17025 accredited laboratory)

HOUSING AND FINISH	
Housing	Aluminium
Optic	Polycarbonate
Protector	Glass
Housing finish	Electrostatic polyester powder coating
Standard colour(s)	RAL 9017 black

OPERATING CONDITIONS	
Operating Temperature Range (Ta)	-30°C to + 40°C
Operating Humidity	10-90%RH
Mounting Option	Loop Hanging Bracket Mounting
Warranty	3 years

PERFORMANCE	
Power	100W/150W/200W
Efficacy	120lm/W
Power Efficiency	≥93%
Start Time	≤0.2S
Warm-up time to 60%	0.5S

ELECTRICAL INFORMATION	
Electrical Class	Class I EU
Nominal Voltage	220V-240V ｜ 50/60Hz
Power factor (at fullload)	0.5
Surge Protection Options (KV)	4KV-Line-Line 4KV-Line-Earth
Electromagnetic Compatibility (EMC)	EN 55015:2019/A11:2020, EN 61000 3-2:2019, EN 61000-3-3:2013, EN 61547:2009, EN 62493:2015
Total Harmonic Distortion(THD)	IEC 61000-3-2 Class C <20%
Driver Type	Constant current(CC)
Withstand Woltage	1.5KV 60S 10mA

OPTICAL INFORMATION	
LED Type	SMD2835
Beam Angle	120°
Recommended installation height	4m to 10m
Color Tolerance	Ra70 ≤7 Ra80 ≤5
LED colour Temperature	3000K/4000K/5000K/5700K/6500k
Colour Rendering Index (CRI)	CRI>70 standard CRI>80 optional
Upward Light Output Ratio (ULOR)	0%

LIFETIME OF THE LEDS @ TA 25°C	
All configurations	
L70B10	＞30,000h

※Lamp switch must control L line or control L and N lines.
※Ra measurement tolerance is ±2.

PACKAGING

POWER	PACKAGE SIZE	QTY/CTN	SINGLE PIECE VOLUME	NET WEIGHT	GROSS WEIGHT	20GP	40HQ
100W	L620*W303*H310mm	10PCS/CTN	0.0582m3	10.7kg	14kg	4465pcs	11333pcs
150W	L620*W343*H348mm	10PCS/CTN	0.0740m3	15.1kg	19.1kg	3513pcs	8918pcs
200W	L620*W385*H393mm	10PCS/CTN	0.0938m3	20kg	24.6kg	2772pcs	7036pcs

PERFORMANCE

STANDARD VERSION

POWER		LUMENS	EFFICACY
100W		12,000LM	120LM/W(Ra70)
		11,000LM	110LM/W(Ra80)
150W		18,000LM	120LM/W(Ra70)
		16,500LM	110LM/W(Ra80)
200W		24,000LM	120LM/W(Ra70)
		22,000LM	110LM/W(Ra80)

※The Performance Data is tested base on 230VAC, 120° and 5000K for all versions
※Power Consumption Tolerance ±5% (Apply to all versions)
※Lumen Efficiency Tolerance ±5% (Apply to all versions)

LIGHT DISTRIBUTIONS
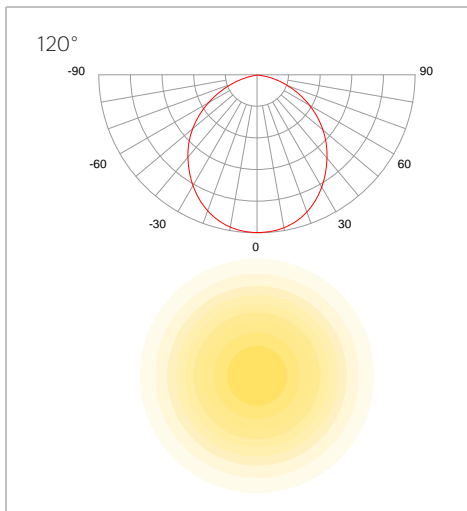
PENDANT MOUNTING

Power	Size
100W	D240.3*H80.1mm
150W	D281.8*H81.4mm
200W	D327.8*H82mm