

OMEGA SERIES

LED HIGHBAY



The **OMEGA SERIES** are ideally suited for a wide range of panel high bay lights and canopy installations. It represents a great leap forward in replacement of the HPS and HID light products typically found in existing canopy high bay lighting applications. It's very easy to retro-fit into cool room panel or canopy positions.



- ✓ Designed for cool room panel or canopy installations
- ✓ High lux output with less glare
- ✓ Proven energy performance
- ✓ Simple & fast installation procedure
- ✓ Zero maintenance cleanroom lighting

SPECIFICATIONS

PART NUMBERS	OHB090-50NSAJ	OHB150-50NSAJ
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OPTICAL DATA		
LED TYPE	SMD 2835	
SYSTEM EFFICACY	OHB150-50NSAJ	
LUMINOUS FLUX	13050lm±5%(CCT=5000K)	21070lm±5%(CCT=5000K)
CCT	5000K	
CRI	100° x 120°	
BEAM ANGLE	>Ra80	
SYSTEM EFFICIENCY	>90%	

ELECTRICAL DATA		
POWER SUPPLY	SOSEN	
INPUT VOLTAGE	100~240VAC/100~277VAC	
FREQUENCY RANGE	50~60Hz	
OUTPUT VOLTAGE	38~42VDC	
OUTPUT CURRENT	2.2A (Constant Current)	3.6A (Constant Current)
POWER EFFICIENCY	>93%	
POWER FACTOR	>0.93	
TOTAL HARMONIC DISTORTION	<15%	

OTHERS		
SYSTEM POWER CONSUMPTION	90±3W	150±3W
LED POWER CONSUMPTION	90±3W	140±3W
FIXTURE MATERIAL	Aluminum Alloy, PC lens cover	
INGRESS PROTECTION	IP20	
LUMINAIRE NET WEIGHT	2.2±0.1kg	3.7±0.1kg
LIFE SPAN	>50000Hrs (Ta=30°C@L70)	

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OTHERS		
JUNCTION TEMPERATURE (Tj)	<75°C (Ta=30°C)	
STORAGE TEMPERATURE	0° - 70°C	
OPERATING TEMPERATURE	-20° - 50°C	
OPERATING HUMIDITY	15~90%RH	
EXTERNAL DIMENSIONS	550×120×60mm	550×305×70mm

OPTIONAL INFO	
INSTALLATION METHOD	S/S woven cable or direct mounting brackets
FIXTURE COLOR	Natural silver anodise, white ends
INTELLIGENT CONTROL	Microwave Motion Sensor

Light Distribution Curve

L00C01 (100°x120°)

