

EPSILON SERIES

SPECIALISED LED HIGHBAY



A premium 'sub ceiling' highbay of choice designed specifically for your most demanding areas like food processing environments where high lux-levels are required but stringent cleaning regimes are in place.



- ✓ IP66 rated- Can be safely high pressure cleaned without needing to worry about maintenance issues with water ingress/damage
- ✓ NSF, VEET and I-PART approved
- ✓ Completely smooth and anti-bacterial coated body will not collect dust like ordinary highbays.
- ✓ Top quality driver and chipset
- ✓ No glass - shatterproof PC lens

SPECIFICATIONS

PART NUMBERS	EHB150-50NSE	EHB200-50NSE
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OPTICAL DATA		
LED TYPE	Nichia SMD from Japan	
SYSTEM EFFICACY	130lm/W±5%(CCT=5000K)	
LUMINOUS FLUX	19500lm±5%(CCT=5000K)	26000lm±5%(CCT=5000K)
CCT	3000K, 4000K, 5000K	
BEAM ANGLE	50°,90°, 120°	
CRI	Ra80+	
SYSTEM EFFICACY	>92%	

ELECTRICAL DATA		
POWER SUPPLY	Meanwell	
INPUT VOLTAGE	100~240VAC/100~277VAC	
FREQUENCY RANGE	50~60Hz	
OUTPUT VOLTAGE	28.8~48VDC	
OUTPUT CURRENT	3.3A(Constant Current)	4.4A(Constant Current)
POWER EFFICIENCY	>92%	
POWER FACTOR	>0.95	
TOTAL HARMONIC DISTORTION	<15%	

OTHERS		
SYSTEM POWER CONSUMPTION	150±5W	200±8W
LED POWER CONSUMPTION	138±5W	184±8W
FIXTURE MATERIAL	Aluminum Alloy	
INGRESS PROTECTION	IP66	
LUMINAIRE NET WEIGHT	7.8±0.3kg	8.3±0.3kg
LIFE SPAN	>50000Hrs(Ta=30°C@L70)	
JUNCTION TEMPERATURE (TJ)	<80°C(Ta=30°C)	<85°C(Ta=30°C)
STORAGE TEMPERATURE	-40~+70°C	
OPERATING TEMPERATURE	-30~+50°C	



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PART NUMBERS	EHB150-50NSE	EHB200-50NSE
OTHERS		
OPERATING HUMIDITY	15~90%RH	
EXTERNAL DIMENSIONS	φ489×200mm	
OPTIONAL INFO		
INSTALLATION METHOD	Hook Mounting	
FIXTURE COLOR	Gloss White/White ring	
INTELLIGENT CONTROL	Dimmable/DALI control	

Light Distribution Curve

