

# 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.



- ✓ IP69K rated- Can be safely high pressure cleaned without needing to worry about maintenance issues with water ingress/damage
- ✓ NSF, REES, 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
OPTICAL DATA		
LED TYPE	Nichia SMD from Japan	
SYSTEM EFFICACY	140lm/W±5%(CCT=5000K)	
LUMINOUS FLUX	20500lm±5%(CCT=5000K)	28000lm±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	IP69K	
LUMINAIRE NET WEIGHT	7.8±0.3kg	8.3±0.3kg
LIFE SPAN	>50000Hrs(Ta=30°C@L70)	
JUNCTION TEMPERATURE	< 80°C(Ta=30°C)	< 85°C(Ta=30°C)
STORAGE TEMPERATURE	-40~+70°C	
OPERATING TEMPERATURE	-30~+50°C	



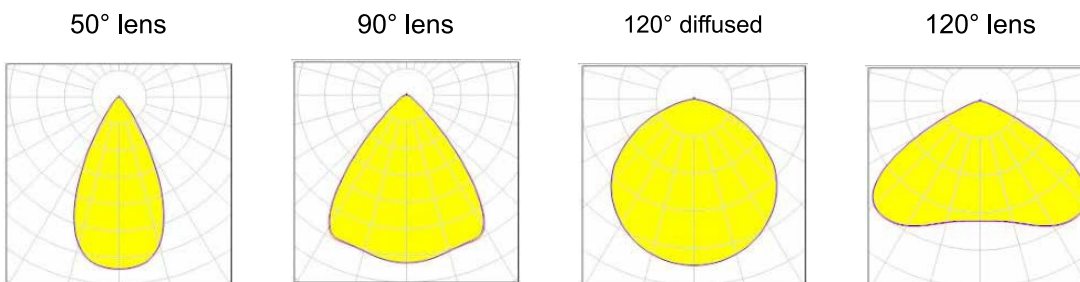
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<b>PART NUMBERS</b>	EHB150-50NSE	EHB200-50NSE
<b>OTHERS</b>		
<b>OPERATING HUMIDITY</b>	15~90%RH	
<b>EXTERNAL DIMENSIONS</b>	φ489×200mm	
<b>OPTIONAL INFO</b>		
<b>INSTALLATION METHOD</b>	Hook Mounting	
<b>FIXTURE COLOR</b>	Gloss White/White ring	
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

### Light Distribution Curve



### Physical Dimensions

