



enLighten

Highbay



# Nyx

High efficacy LED highbay from 40W to 400W

The Nyx is a flexible LED highbay with multiple mounting options to suit all environments. Built for adaptability, it covers a range of power and control options which enables the light to be simply upgraded if environment changes.

What sets the Nyx apart from other highbays is its highly uniform light delivery with low glare. Thanks to special anti-glare lens, the Nyx can achieve UGR <22, which makes it ideal for multi purpose sports halls, warehousing and loading docks.



## OPTIONS AND BENEFITS

- **Industry leading efficacy** - Up to 185lm/W using Nichia LEDs
- **UGR <22** - Low glare optics suitable for multi use halls and high occupancy areas
- **Variety of optics available** - symmetric & asymmetric
- **Up to 40% more efficient** when compared to standard LED highbays.
- **Durable & robust** with IP66 & IK10
- **ZHAGA connectors** - provided as standard to enable sensors to be added to easily (non-DALI)
- **Control Options** - DALI-2, Casambi Wireless Controls, Motion & Daylight Sensor
- **Hanging kits & 2.5m flex and plug included** for easy mounting
- **5 year warranty (10 year optional)**

## APPLICATIONS



LARGE RETAIL



LOADING DOCKS



MANUFACTURING



HALLS



WAREHOUSING



WORKSHOP



INDOOR SPORTS CENTRES

## FEATURES



INGRESS PROTECTION



IMPACT RATING



MICROWAVE MOTION SENSOR



DAYLIGHT SENSOR



SURFACE MOUNT



SUSPENSION MOUNT



SAFETY COMPLIANCE



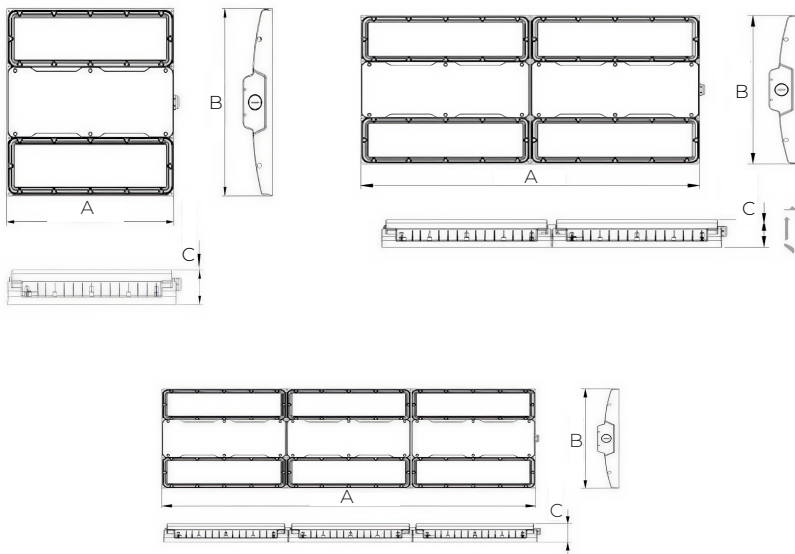
YEAR WARRANTY

## PRODUCT RANGE

Model #	Wattage (W)	Luminous Flux (lm)	Dimensions (mm)			Weight (kg)
			A	B	C	
NYX40-xyy-zzz	40	7400	340	325	60	3.3
NYX60-xyy-zzz	60	11100				3.5
NYX80-xyy-zzz	80	14800				3.7
NYX100-xyy-zzz	100	18500				6.8
NYX150-xyy-zzz	150	27750	680	1020		6.8
NYX200-xyy-zzz	200	37000				7.8
NYX240-xyy-zzz	240	44400				10.7
NYX300-xyy-zzz	300	55500				
NYX400-xyy-zzz	400	74000				

x stands for CRI. Use 7 for Ra>70, 8 for Ra>80 or 9 for Ra>90  
 yy stands for CCT. Use 30 for 3000K, 40 for 4000K or 50 for 5000K  
 zzz stands for Beam Angle. Please refer to Photometrics  
 For DALI-2 Dimmable products, use -DALI at the end of Model #

## DIMENSIONS



## TECHNICAL INFORMATION

### Optical

Light source	LED
Lumen output	7400 – 74000 lumens
CRI	Ra>70, Ra>80 or Ra>90
CCT	3000K, 4000K or 5000K
Luminaire efficacy	185 lm/W
Optics	S1, S2, AR1, AR2, AR3, LG1, LG2

### Electrical

Power consumption	40W - 400W
Operating frequency	50/60 Hz
Operating voltage range	220 – 240V AC
Power factor	>0.95
Driver	Sosen, DALI-2 certified driver (optional)

### Environmental

IP rating	IP66
Impact rating	IK10
Net weight	3.3kg - 11.1kg
Ambient temperature range	-30°C to +50°C
Material composition (body)	Aluminium alloy
Material composition (diffuser)	Polycarbonate lens
Expected lifespan	>130,000hrs @L70 >81,000hrs @L80

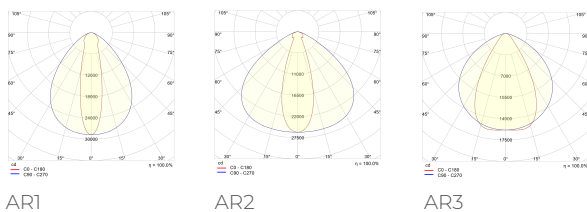
**Controls – Optional**  
 DALI-2, Casambi and Microwave & Daylight

**Warranty\***  
 5 years (10 years optional)

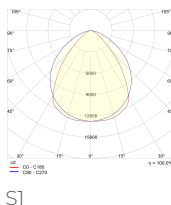
Data subject to change without notice  
 \* Refer to warranty policy

## PHOTOMETRICS

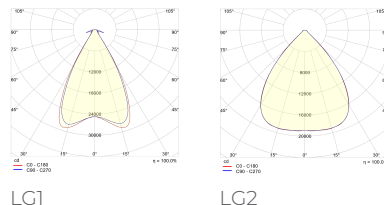
### ASYMMETRICAL



### SYMMETRICAL

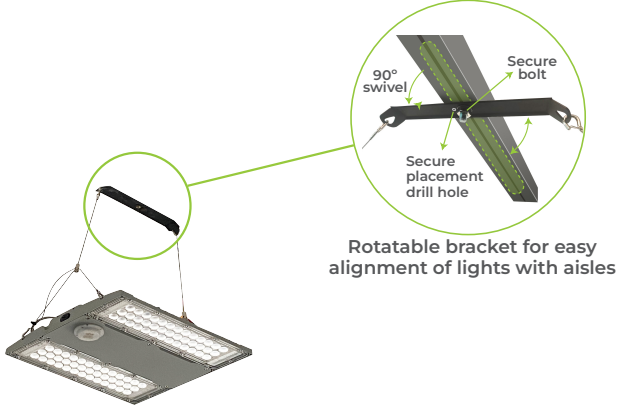


### LOW GLARE





### STANDARD MOUNTING BRACKET



#### Single point mounting bracket

The Nyx high bay comes with a single point mounting bracket and stainless steel suspension cables with a hook for easy installation.

### CONTROL AND MOUNTING ACCESSORIES

Name	Item Code	Item Description
Microwave & Daylight Sensor 	enI-NYX-MWsensor	Microwave motion sensor with 2 & 3 step dimming
Casambi Module 	enI-NYX-CAS	Enables Casambi control of the luminaire (wireless)
Surface Mount Box 	enI-NYX-SMB	Allows the Nyx to be a surface mounted fitting, while also being protected from birds nesting . (only available for fittings NYX40 - NYX150 )
Ceiling Mount Bracket 	enI-NYX-CMB	Allows the Nyx to be a surface mounted fitting.

### COMPLIANCE

The Nyx meets or exceeds all relevant standards and regulatory requirements For a full compliance and testing list visit [www.enlighten.com.au](http://www.enlighten.com.au). IES files, warranty, installation and product guides are also available for download. Sold nationally through major electrical wholesalers

