



enLighten

Highbay



Nyx

High efficacy LED highbay from 40W to 400W

Efficient lighting should do more than brighten a large space. The Nyx delivers powerful, even illumination while helping reduce glare and energy use across warehouses, workshops, manufacturing facilities, loading docks, large retail spaces and indoor sports centres. Its broad 40W to 400W range and choice of optics make it easier to direct the right amount of light where it is needed.

With efficiency of up to 185 lm/W, the Nyx produces high light output without unnecessary energy consumption. Low-glare options achieving UGR below 22 support visual comfort in busy workplaces and multi-purpose halls. IP66 protection and an IK10 impact rating provide added durability, while flexible mounting and optional DALI-2, Casambi, motion and daylight controls allow the lighting to be adapted to the space over time.

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



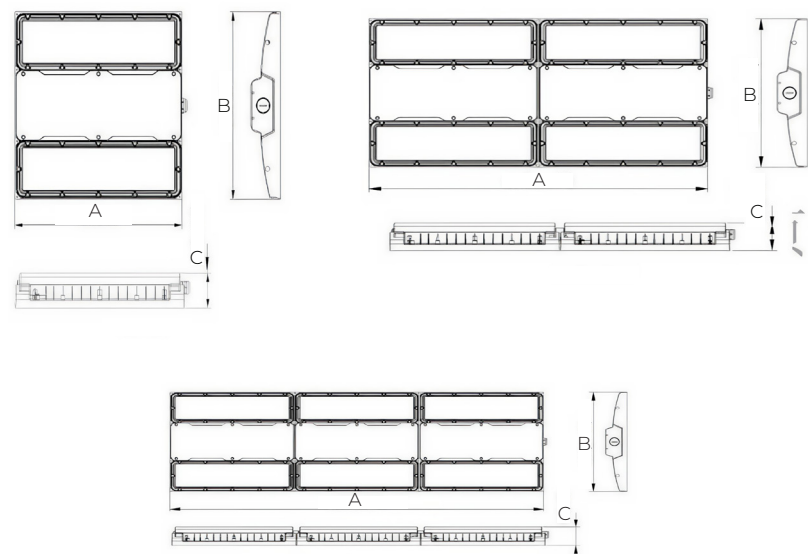
5
YEAR
WARRANTY

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				
NYX100-xyy-zzz	100	18500				
NYX150-xyy-zzz	150	27750	680	325	60	3.7
NYX200-xyy-zzz	200	37000				6.8
NYX240-xyy-zzz	240	44400				
NYX300-xyy-zzz	300	55500				
NYX400-xyy-zzz	400	74000	1020			10.7

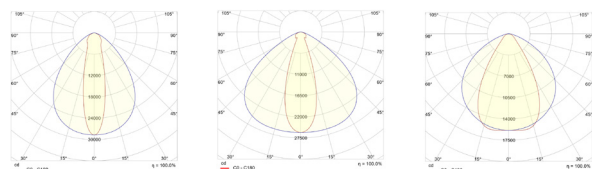
x stands for CRI. Use 7 for Ra>70, 8 for Ra>80 or 9 for Ra>90
 yy stands for CCT. Use 30 for 3000K, 40 for 4000K or 50 for 5000K
 zzz stands for Beam Angle. Please refer to Photometrics
 For DALI-2 Dimmable products, use -DALI at the end of Model #

DIMENSIONS



PHOTOMETRICS

ASYMMETRICAL

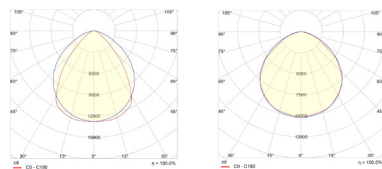


AR1

AR2

AR3

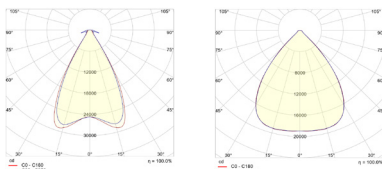
SYMMETRICAL



S1

S2

LOW GLARE



LG1

LG2

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

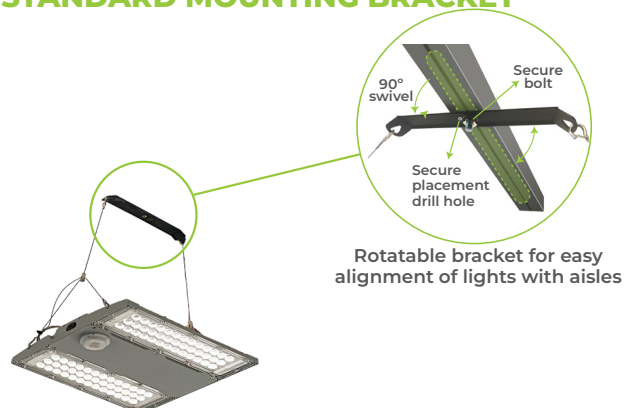
Warranty*

5 years (10 years optional)

Data subject to change without notice

* Refer to warranty policy

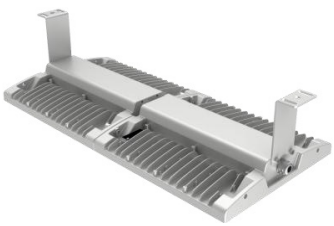
STANDARD MOUNTING BRACKET



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. IES files, warranty, installation and product guides are also available for download. Sold nationally through major electrical wholesalers



