



Lynx 10

LED High bay

Lynx 10

The Lynx 10 High Bay is a versatile, high-performance lighting solution designed for industrial and commercial environments where efficiency, flexibility, and visual comfort are essential. With multiple configuration options available, it can be tailored to suit a wide range of applications from warehouses and factories to retail and logistics facilities.

1) Standard Version; The standard option delivers powerful, high-efficacy illumination with excellent light distribution and reliability. It is ideal for general high-bay applications requiring strong, uniform lighting and long-term durability. Designed with efficient thermal management and robust construction, it ensures consistent performance in demanding environments.

2) Low UGR Version; For environments where visual comfort is critical, the Low UGR (Unified Glare Rating) option reduces glare and improves light control. This makes it particularly suitable for spaces where staff spend extended periods working below the fittings, such as assembly areas, retail environments, or inspection zones. The reduced glare enhances productivity, comfort, and overall lighting quality.

3) Beam Angle Adjustable (via DIP Switch); The beam angle adjustable option allows on-site selection of different beam distributions using an integrated DIP switch. This provides flexibility to adapt the luminaire to varying mounting heights and layout requirements without changing fittings. Whether you need wider coverage or more focused illumination, the beam angle can be easily adjusted to suit the space.

4) Power & Lumen Adjustable (via DIP Switch); The power and lumen adjustable version enables quick selection of different wattage and output levels via a built-in DIP switch. This allows installers to fine-tune light levels during installation, optimise energy consumption, and accommodate future layout changes, all without replacing the fitting. It offers maximum flexibility while simplifying stock management and project planning.

The Lynx 10 High Bay combines performance, adaptability, and efficiency in one comprehensive lighting solution.





Innovative design to maximise airflow and minimise dust



Engineered to optimize airflow for superior heat management and minimize dust buildup. With its innovative design, the Lynx 10 housing allows for better ventilation, ensuring LEDs operate at peak efficiency, while reducing maintenance needs by preventing the accumulation of dust. Ideal for harsh outdoor environments, it combines durability with energy efficiency, delivering long-lasting performance and reduced operational costs.

High efficiency and energy saving

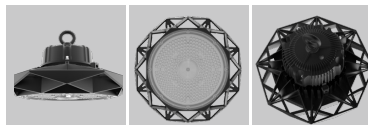


The Lynx 10 LED High Bay delivers exceptional energy savings through its superior lumen output of up to 180lm/W. By achieving the required lux levels with lower wattage, it significantly reduces energy consumption while maintaining optimal lighting performance. This efficiency translates into lower operational costs and a more sustainable lighting solution for commercial and industrial applications.

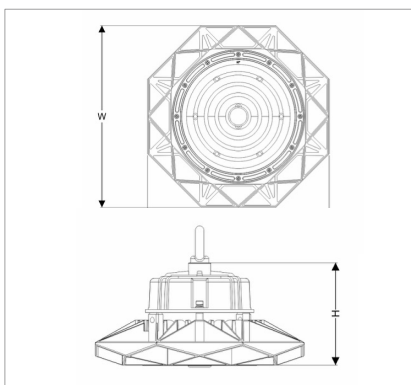
Intelligent lighting control options



The Lynx 10 LED High Bay offers advanced intelligent lighting controls for enhanced efficiency and flexibility. Features include DALI dimming for precise light level adjustment, integrated movement sensors for automated operation, and Zigbee connectivity for seamless wireless control. These smart technologies optimize energy usage, reduce costs, and provide a customizable lighting experience tailored to any application.



MODEL	Lynx 10 Standard
WATTAGE	80W 100W 150W 200W
CRI	70 80
CCT	3000K 4000K 5000K 5700K
BEAM ANGLE	60° 90° 120°
MATERIAL	Black Die-casting aluminum
DRIVER	Constant current remote LED driver included
APPLICATION	Warehouses, Manufacturing, Distribution Centres, etc.



Model	Watts	DxH(mm)	Overall(mm)	Lumen(lm/w)
H10A1-D255	80W 100W	ø255xH126	ø255	160
H10A1-D305	150W 200W	ø305xH136	ø305	
H10A2-D255	80W 100W	ø255xH126	ø255	180
H10A2-D305	150W 200W	ø305xH136	ø305	

OPTICAL DATA

Light Source	SMD 2835 Lumileds/CREE	
Correlated Colour Temperature (CCT)	3000K ~ 6500K	
Colour Rendering Index (CRI)	>70 standard; >80 optional	
SDCM	<5	
Beam Angle	120° (standard) (Optional)	60° 90°
UGR	Type A B <22	

PERFORMANCE

System Wattage	80W 100W 150W 200W
Luminous Flux(±10%)	12800 16000 24000 30000
Luminaire Efficacy	160lm/W 180lm/W

OPERATING CONDITIONS

Operating Temperature (Ta)	-30° to +55°C
Mounting Options	Ring Chain, Bracket, Pendant Pipe

HOUSING & FINISH

Housing Material	Die-cast aluminum
Reflector	-
Optic Material	Polycarbonate
Housing Finish	Epoxy anti-corrosion
Finish Colour	Black
Weight (Kg)	2.5kg 2.5kg 3.5kg 3.6kg
IP Rating	IP65
IK Rating	IK08

ELECTRICAL DATA

Protection Class	Class 1
Nominal Voltage	AC100-277V 50-60 Hz
Power Factor	>0.95
Surge Protection (Kv)	-
Control Protocol	DALI, 1-10V
Sensor	-
Emergency	Yes
Power Supply	Mos Inventronics Lifud
Driver Type	Constant Current (CC)
Total Harmonic Distortion (THD)	IEC 61000-3-2 Class C <20%
Inrush Current	65A
Driver Lifetime	>100,000hrs
Electromagnetic Compatibility (EMC)	EN 55015:2019/A11:2020, EN 61000 3-2:2019, EN 61000-3-3:2013, EN 61547:2009, EN 62493:2015

TECHNICAL DATA

Certifications	ENEC/CB/SAATUV-CE/ROHS
Warranty	5 Year
Documentation	LM-79 / LM-80 / ISTMT / TM-21
Testing Standard	LM-79-19 (all measurements in ISO17025 accredited laboratory)

LIFETIME OF THE LEDS @ TA 25°C

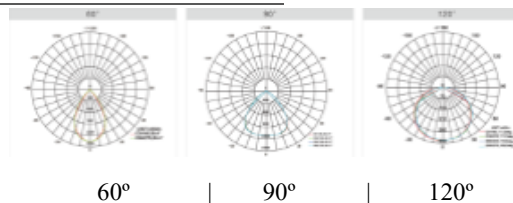
Lifetime @L70 (Tm-21)	>50,000hrs
Lifetime @L80 (Tm-21)	
Lifetime @L90 (Tm-21)	
Switching Cycles	100 000

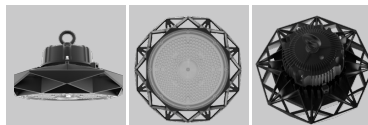
ORDERING INFORMATION

Example: H10A2-D-150-50-120-305

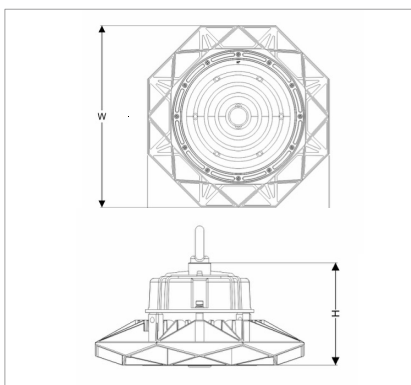
Model	Dimming	Wattage	CCT	Beam	Overall
H10CA2	N	150W	50	120	305
H10A1 (160lm/W)	N NonDim	80W	30 3000K	60°	255
H10A2 (180lm/W)	T Triac Dim	100W	40 4000K	90°	305
	V 0/1-10V Dim	150W	50 5000K	120°	
	D DALI Dim	200W	57 5700K		
			65 6500K		

PHOTOMETRIC DATA





MODEL	Lynx 10 UGR<19
WATTAGE	150W
CRI	70 80
CCT	3000K 4000K 5000K 5700K
BEAM ANGLE	60°
MATERIAL	Black
	Die-casting aluminum
DRIVER	Constant current remote LED driver included
APPLICATION	Warehouses, Manufacturing, Distribution Centres, etc.



Model	Watts	DxH(mm)	Overall(mm)	Lumen(lm/w)
H10B-D305	150W	ø305xH136	ø305	150

OPTICAL DATA

Light Source	SMD 2835 Lumileds/CREE
Correlated Colour Temperature (CCT)	3000K ~ 6500K
Colour Rendering Index (CRI)	>70 standard; >80 optional
SDCM	<5
Beam Angle	60°
UGR	Type C<19

PERFORMANCE

System Wattage	150W
Luminous Flux(±10%)	22500
Luminaire Efficacy	150lm/W

ELECTRICAL DATA

Protection Class	Class 1
Nominal Voltage	AC100-277V 50-60 Hz
Power Factor	>0.95
Surge Protection (Kv)	-
Control Protocol	DALI, 1-10V
Sensor	-
Emergency	Yes
Power Supply	Mosoj Inventronics Lifud
Driver Type	Constant Current (CC)
Total Harmonic Distortion (THD)	IEC 61000-3-2 Class C <20%
Inrush Current	65A
Driver Lifetime	>100,000hrs
Electromagnetic Compatibility (EMC)	EN 55015:2019/A11:2020, EN 61000 3-2:2019, EN 61000-3-3:2013, EN 61547:2009, EN 62493:2015

OPERATING CONDITIONS

Operating Temperature (Ta)	-30° to +55°C
Mounting Options	Ring Chain, Bracket, Pendant Pipe

TECHNICAL DATA

Certifications	ENEC/CB/SAA/TUV-CE/ROHS
Warranty	5 Year
Documentation	LM-79 / LM-80 / ISTMT / TM-21
Testing Standard	LM-79-19 (all measurements in ISO17025 accredited laboratory)

HOUSING & FINISH

Housing Material	Die-cast aluminum
Reflector	-
Optic Material	Polycarbonate
Housing Finish	Epoxy anti-corrosion
Finish Colour	Black
Weight (Kg)	3.5kg
IP Rating	IP65
IK Rating	IK08

LIFETIME OF THE LEDS @ TA 25°C

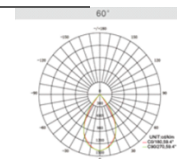
Lifetime @L70 (Tm-21)	>50,000hrs
Lifetime @L80 (Tm-21)	
Lifetime @L90 (Tm-21)	
Switching Cycles	100,000

ORDERING INFORMATION

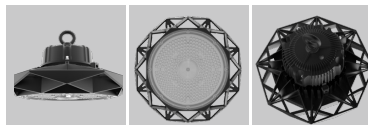
Example: H10B-D-150-50-60-305

Model	Dimming	Wattage	CCT	Beam	Overall
H10B	N	150W	50	60	305
H10B (150lm/W)	N NonDim T Triac Dim V 0/1-10V Dim D DALI Dim	150W	30 3000K 40 4000K 50 5000K 57 5700K 65 6500K	60°	305

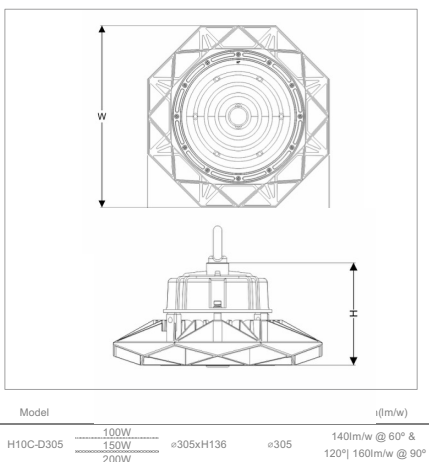
PHOTOMETRIC DATA



60°



MODEL	Lynx 10 Beam Adjustable
WATTAGE	100W 150W 200W
CRI	70 80
CCT	3000K 4000K 5000K 5700K
BEAM ANGLE	60° 90° 120°
MATERIAL	Black Die-casting aluminum
DRIVER	Constant current remote LED driver included
APPLICATION	Warehouses, Manufacturing, Distribution Centres, etc.



OPTICAL DATA

Light Source	SMD 2835 Lumileds/CREE
Correlated Colour Temperature (CCT)	3000K ~ 6500K
Colour Rendering Index (CRI)	>70 standard; >80 optional
SDCM	<5
Beam Angle	140lm/w @ 60° & 120° 160lm/w @ 90°
UGR	<22

PERFORMANCE

System Wattage	100W 150W 200W
Luminous Flux(±10%)	14000-16000 21000-24000 28000-30000
Luminaire Efficacy	140lm/w @ 60° & 120° 160lm/w @ 90°

ELECTRICAL DATA

Protection Class	Class 1
Nominal Voltage	AC100-277V 50-60 Hz
Power Factor	>0.95
Surge Protection (Kv)	-
Control Protocol	DALI, 1-10V
Sensor	-
Emergency	Yes
Power Supply	Mosoj Inventronics Lifud
Driver Type	Constant Current (CC)
Total Harmonic Distortion (THD)	IEC 61000-3-2 Class C <20%
Inrush Current	65A
Driver Lifetime	>100,000hrs
Electromagnetic Compatibility (EMC)	EN 55015:2019/A11:2020, EN 61000 3-2:2019, EN 61000-3-3:2013, EN 61547:2009, EN 62493:2015

OPERATING CONDITIONS

Operating Temperature (Ta)	-30° to +55°C
Mounting Options	Ring Chain, Bracket, Pendant Pipe

TECHNICAL DATA

Certifications	ENEC/CB/SAA/TUV-CE/ROHS
Warranty	5 Year
Documentation	LM-79 / LM-80 / ISTMT / TM-21
Testing Standard	LM-79-19 (all measurements in ISO17025 accredited laboratory)

HOUSING & FINISH

Housing Material	Die-cast aluminum
Reflector	-
Optic Material	Polycarbonate
Housing Finish	Epoxy anti-corrosion
Finish Colour	Black
Weight (Kg)	3.5kg
IP Rating	IP65
IK Rating	IK08

LIFETIME OF THE LEDS @ TA 25°C

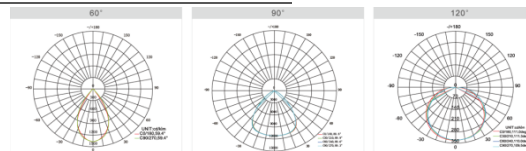
Lifetime @L70 (Tm-21)	>50,000hrs
Lifetime @L80 (Tm-21)	
Lifetime @L90 (Tm-21)	
Switching Cycles	100,000

ORDERING INFORMATION

Example: H10C-D-150-50-AB-305

Model	Dimming	Wattage	CCT	Beam	Overall
H10C	N	150W	50	AB	305
H10C	N NonDim	100W	30 3000K	AB - Adjustable	305
	T Triac Dim	150W	40 4000K		
	V 0/1-10V Dim	200W	50 5000K		
	D DALI Dim		57 5700K		
			65 6500K		

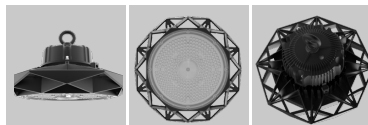
PHOTOMETRIC DATA



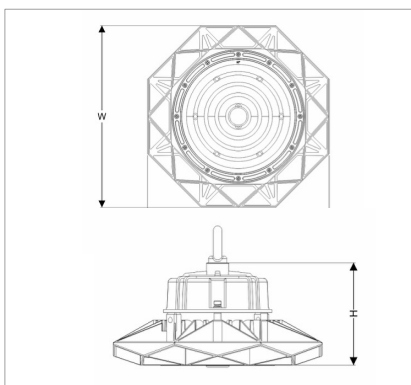
60°

| 90°

| 120°



MODEL	Lynx 10 Power & Lumens Adjustable
WATTAGE	100W 150W 200W
CRI	70 80
CCT	3000K 4000K 5000K 5700K
BEAM ANGLE	60° 90° 120°
MATERIAL	Black
	Die-casting aluminum
DRIVER	Constant current remote LED driver included
APPLICATION	Warehouses, Manufacturing, Distribution Centres, etc.



Model				l(lm/w)
H10D1-D255	100W	ø255xH1126	ø255	160
H10D1-D305	150W	ø305xH136	ø305	
	200W			
H10D2-D255	100W	ø255xH126	ø255	180
H10D2-D305	150W	ø305xH136	ø305	
	200W			

OPTICAL DATA	
Light Source	SMD 2835 Lumileds/CREE
Correlated Colour Temperature (CCT)	3000K ~ 6500K
Colour Rendering Index (CRI)	>70 standard; >80 optional
SDCM	<5
Beam Angle	80°
UGR	<22

PERFORMANCE	
System Wattage	100W 150W 200W
Luminous Flux(±10%)	16000-18000 24000-27000 30000-36000 Adjustable DIP Switch 50%, 60%, 75%, 100%
Luminaire Efficacy	160lm/w 180lm/w

OPERATING CONDITIONS	
Operating Temperature (Ta)	-30° to +55°C
Mounting Options	Ring Chain, Bracket, Pendant Pipe

HOUSING & FINISH	
Housing Material	Die-cast aluminum
Reflector	-
Optic Material	Polycarbonate
Housing Finish	Epoxy anti-corrosion
Finish Colour	Black
Weight (Kg)	2.5kg 3.6kg
IP Rating	IP65
IK Rating	IK08

PHOTOMETRIC DATA

ELECTRICAL DATA	
Protection Class	Class 1
Nominal Voltage	AC100-277V 50-60 Hz
Power Factor	>0.95
Surge Protection (Kv)	-
Control Protocol	DALI, 1-10V
Sensor	-
Emergency	Yes
Power Supply	Mosq Inventronics Lifud
Driver Type	Constant Current (CC)
Total Harmonic Distortion (THD)	IEC 61000-3-2 Class C <20%
Inrush Current	65A
Driver Lifetime	>100,000hrs
Electromagnetic Compatibility (EMC)	EN 55015:2019/A11:2020, EN 61000 3-2:2019, EN 61000-3-3:2013, EN 61547:2009, EN 62493:2015

TECHNICAL DATA	
Certifications	ENEC/CB/SAATUV-CE/ROHS
Warranty	5 Year
Documentation	LM-79 / LM-80 / ISTMT / TM-21
Testing Standard	LM-79-19 (all measurements in ISO17025 accredited laboratory)

LIFETIME OF THE LEDS @ TA 25°C	
Lifetime @L70 (Tm-21)	>50,000hrs
Lifetime @L80 (Tm-21)	
Lifetime @L90 (Tm-21)	
Switching Cycles	100 000

ORDERING INFORMATION

Example: H10D2-D-150-50-80-305

Model	Dimming	Wattage	CCT	Beam	Overall
H10D2 (180lm/W)	N	150W	50	80	305
H10D1 (160lm/W)	N NonDim	100W	30 3000K		
H10D2 (180lm/W)	T Triac Dim	150W	40 4000K		
	V 0/1-10V Dim	200W	50 5000K		
	D DALI Dim		57 5700K		
			65 6500K		

80°



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