

NEX Apollo I

100W LED High bay



Heat Sink

Integrated AZ91D magnesium alloy heat sink, lighter weight, higher thermal conductivity, better heat dissipation.

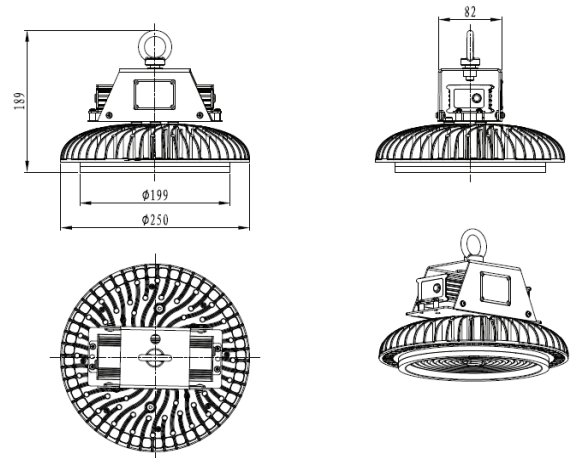
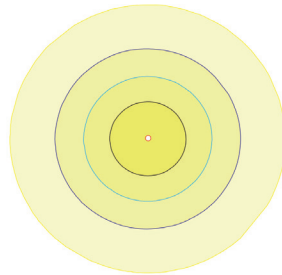
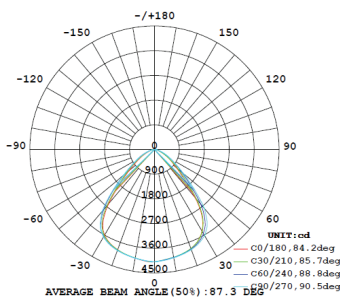
LED

Adopts imported LED chips with over 100,000hrs TM-21 tested lifetime, and the high performance LED design delivering up to 160 lumens per watt.

Lens

PC lens, light transmittance >90%, flammability rating: UL94-V0; 60°, 90°, 120° beam angle optional.

Light distribution



Specifications

General Informations

Product name	NEX Apollo I HB-100
Rated power	100W
LED chip	Nichia
Luminous efficiency	≥160 Lm/W
Luminous flux	≥16000 Lumen
Color temp.	Cool white (5700K+500)
CRI (Ra)	≥75
Beam angle	90 Deg. (120D optional)
IP protection	IP65
Replacement	200W-250W HID
Dimensions	L250 x W250 x D189 mm
Weight	3.3 Kg. ±0.2 Kg.
Housing material	Magnesium
Housing color	Silver. Black (Optional)
Operating temp.	-40°C to 50°C
Operating humi.	10% to 90%
Lifespan (L70)	100,000 Hrs. TM21
Warranty	3 Years*

Electrical Informations

Input voltage	AC 100-277V
Frequency	50/60Hz
Output current	2.6A (Constant current)
Power factor	≥0.95
Power efficiency	≥92%
Total harmonic (THD)	≤10%
Surge protection	>10kV

Certificates & Test reports

Certificates	CE, RoHS, TISI
Test reports	LM80/TM21, LM79

Remark: The information contained in this document is subject to change without notice.
* 18Hrs/Day



NEX Office & Showroom

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Ref. NEX Apollo I HB-XXX V180308-2

NEX Apollo I

120W LED High bay



Heat Sink

Integrated AZ91D magnesium alloy heat sink, lighter weight, higher thermal conductivity, better heat dissipation.

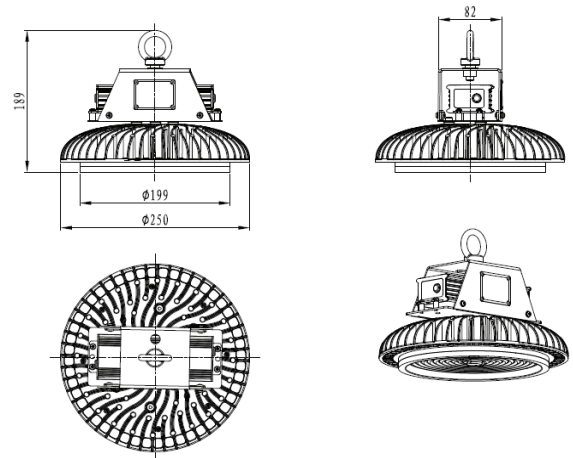
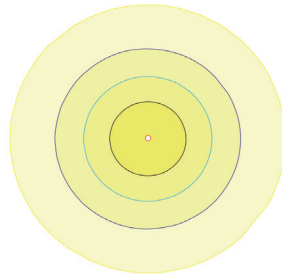
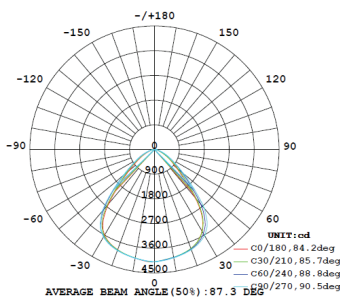
LED

Adopts imported LED chips with over 100,000hrs TM-21 tested lifetime, and the high performance LED design delivering up to 160 lumens per watt.

Lens

PC lens, light transmittance >90%, flammability rating: UL94-V0; 60°, 90°, 120° beam angle optional.

Light distribution



Specifications

General Informations

Product name	NEX Apollo I HB-120
Rated power	120W
LED chip	Nichia
Luminous efficiency	≥160 Lm/W
Luminous flux	≥19200 Lumen
Color temp.	Cool white (5700K+500)
CRI (Ra)	≥75
Beam angle	90 Deg. (120D optional)
IP protection	IP65
Replacement	250W-300W HID
Dimensions	L250 x W250 x D189 mm
Weight	3.4 Kg. ±0.2 Kg.
Housing material	Magnesium
Housing color	Silver. Black (Optional)
Operating temp.	-40°C to 50°C
Operating humi.	10% to 90%
Lifespan (L70)	100,000 Hrs. TM21
Warranty	3 Years*

Electrical Informations

Input voltage	AC 100-277V
Frequency	50/60Hz
Output current	3.1A (Constant current)
Power factor	≥0.95
Power efficiency	≥92%
Total harmonic (THD)	≤10%
Surge protection	>10kV

Certificates & Test reports

Certificates	CE, RoHS, TISI
Test reports	LM80/TM21, LM79

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Ref. NEX Apollo I HB-XXX V180308-2

NEX Apollo I

150W LED High bay



Heat Sink

Integrated AZ91D magnesium alloy heat sink, lighter weight, higher thermal conductivity, better heat dissipation.

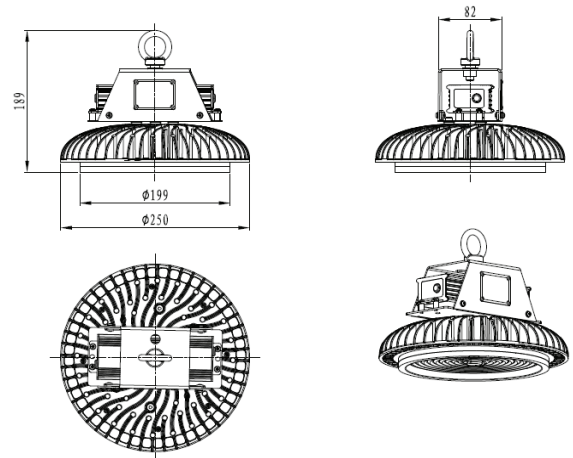
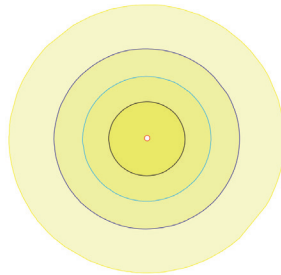
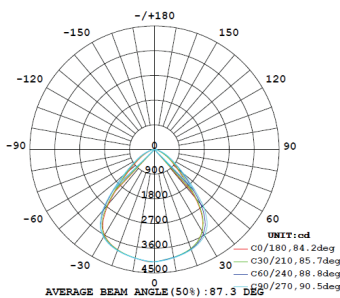
LED

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Lens

PC lens, light transmittance >90%, flammability rating: UL94-V0; 60°, 90°, 120° beam angle optional.

Light distribution



Specifications

General Informations

Product name	NEX Apollo I HB-150
Rated power	150W
LED chip	Nichia
Luminous efficiency	≥160 Lm/W
Luminous flux	≥24000 Lumen
Color temp.	Cool white (5000K+500)
CRI (Ra)	≥75
Beam angle	90 Deg. (120D optional)
IP protection	IP65
Replacement	300W-350W HID
Dimensions	L250 x W250 x D189 mm
Weight	3.4 Kg. ±0.2 Kg.
Housing material	Magnesium
Housing color	Silver. Black (Optional)
Operating temp.	-40°C to 50°C
Operating humi.	10% to 90%
Lifespan (L70)	100,000 Hrs. TM21
Warranty	3 Years*

Electrical Informations

Input voltage	AC 100-277V
Frequency	50/60Hz
Output current	3.8A (Constant current)
Power factor	≥0.95
Power efficiency	≥92%
Total harmonic (THD)	≤10%
Surge protection	>10kV

Certificates & Test reports

Certificates	CE, RoHS, TISI
Test reports	LM80/TM21, LM79

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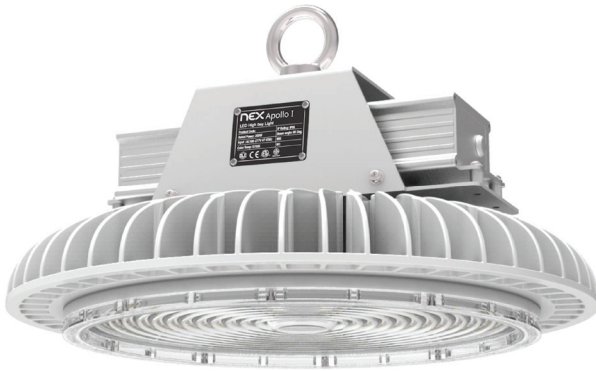
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Ref. NEX Apollo I HB-XXX V180308-2

NEX Apollo I

180W LED High bay



Heat Sink

Integrated AZ91D magnesium alloy heat sink, lighter weight, higher thermal conductivity, better heat dissipation.

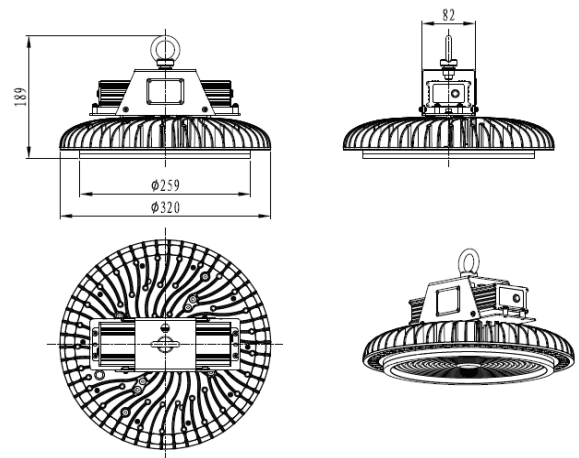
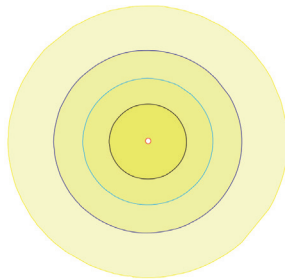
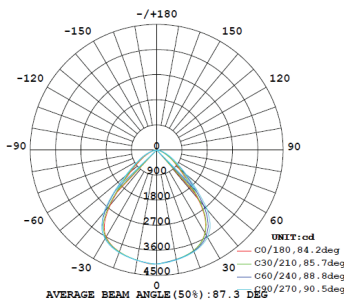
LED

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Lens

PC lens, light transmittance >90%, flammability rating: UL94-V0; 60°, 90°, 120° beam angle optional.

Light distribution



Specifications

General Informations

Product name	NEX Apollo I HB-180
Rated power	180W
LED chip	Nichia
Luminous efficiency	≥160 Lm/W
Luminous flux	≥28800 Lumen
Color temp.	Cool white (5700K+500)
CRI (Ra)	≥75
Beam angle	90 Deg. (60D, 120D optional)
IP protection	IP65
Replacement	350W-400W HID
Dimensions	L320 x W320 x D189 mm
Weight	4.3 Kg. ±0.2 Kg.
Housing material	Magnesium
Housing color	Silver. Black (Optional)
Operating temp.	-40°C to 50°C
Operating humi.	10% to 90%
Lifespan (L70)	100,000 Hrs. TM21
Warranty	3 Years*

Electrical Informations

Input voltage	AC 100-277V
Frequency	50/60Hz
Output current	4.6A (Constant current)
Power factor	≥0.95
Power efficiency	≥92%
Total harmonic (THD)	≤10%
Surge protection	>10kV

Certificates & Test reports

Certificates	CE, RoHS, TISI
Test reports	LM80/TM21, LM79

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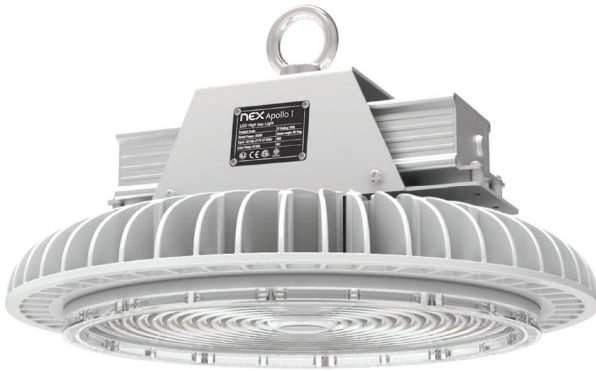
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Ref. NEX Apollo I HB-XXX V180308-2

NEX Apollo I

200W LED High bay



Heat Sink

Integrated AZ91D magnesium alloy heat sink, lighter weight, higher thermal conductivity, better heat dissipation.

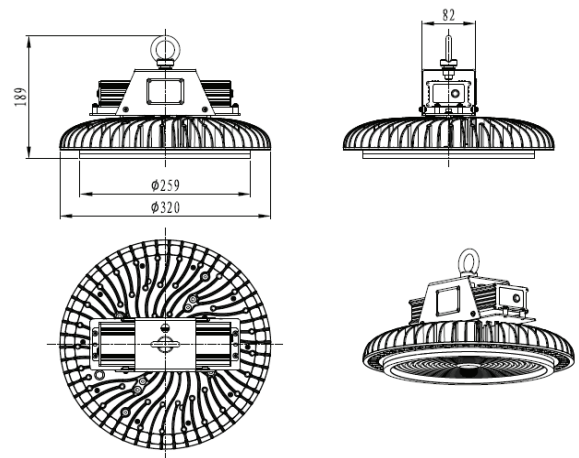
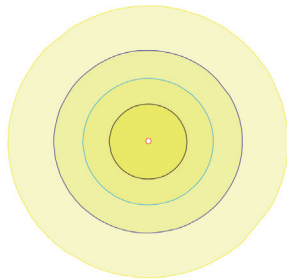
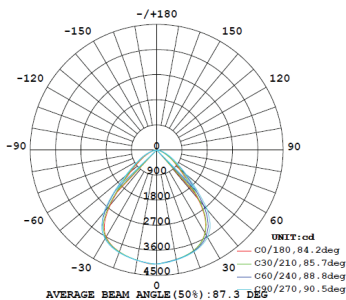
LED

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Lens

PC lens, light transmittance >90%, flammability rating: UL94-V0; 60°, 90°, 120° beam angle optional.

Light distribution



Specifications

General Informations

Product name	NEX Apollo I HB-200
Rated power	200W
LED chip	Nichia
Luminous efficiency	≥160 Lm/W
Luminous flux	≥32000 Lumen
Color temp.	Cool white (5700K+500)
CRI (Ra)	≥75
Beam angle	90 Deg. (60D, 120D optional)
IP protection	IP65
Replacement	400W-500W HID
Dimensions	L320 x W320 x D189 mm
Weight	4.3 Kg. ±0.2 Kg.
Housing material	Magnesium
Housing color	Silver. Black (Optional)
Operating temp.	-40°C to 50°C
Operating humi.	10% to 90%
Lifespan (L70)	100,000 Hrs. TM21
Warranty	3 Years*

Electrical Informations

Input voltage	AC 100-277V
Frequency	50/60Hz
Output current	5.2A (Constant current)
Power factor	≥0.95
Power efficiency	≥93%
Total harmonic (THD)	≤10%
Surge protection	>10kV

Certificates & Test reports

Certificates	CE, RoHS, TISI
Test reports	LM80/TM21, LM79

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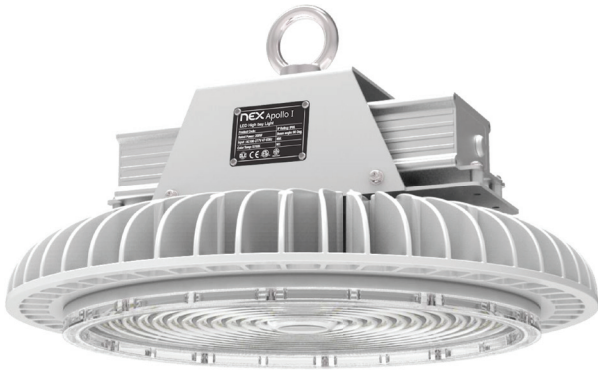
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Ref. NEX Apollo I HB-XXX V180308-2

NEX Apollo I

240W LED High bay



Heat Sink

Integrated AZ91D magnesium alloy heat sink, lighter weight, higher thermal conductivity, better heat dissipation.

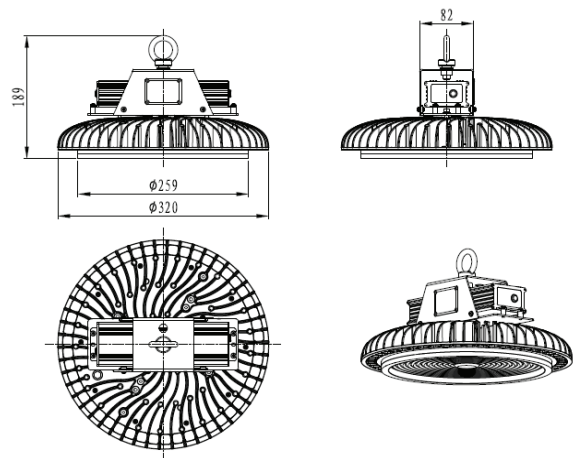
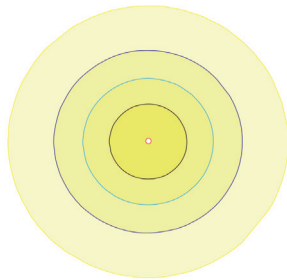
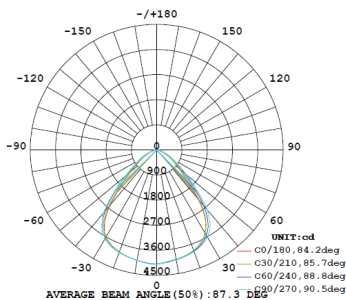
LED

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Lens

PC lens, light transmittance >90%, flammability rating: UL94-V0; 60°, 90°, 120° beam angle optional.

Light distribution



Specifications

General Informations

Product name	NEX Apollo I HB-240
Rated power	240W
LED chip	Nichia
Luminous efficiency	≥160 Lm/W
Luminous flux	≥38400 Lumen
Color temp.	Cool white (5700K+500)
CRI (Ra)	≥75
Beam angle	90 Deg. (60D, 120D optional)
IP protection	IP65
Replacement	500W-600W HID
Dimensions	L320 x W320 x D189 mm
Weight	4.3 Kg. ±0.2 Kg.
Housing material	Magnesium
Housing color	Silver. Black (Optional)
Operating temp.	-40°C to 50°C
Operating humi.	10% to 90%
Lifespan (L70)	100,000 Hrs. TM21
Warranty	3 Years*

Electrical Informations

Input voltage	AC 100-277V
Frequency	50/60Hz
Output current	6.2A (Constant current)
Power factor	≥0.95
Power efficiency	≥93%
Total harmonic (THD)	≤10%
Surge protection	>10kV

Certificates & Test reports

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Test reports	LM80/TM21, LM79

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