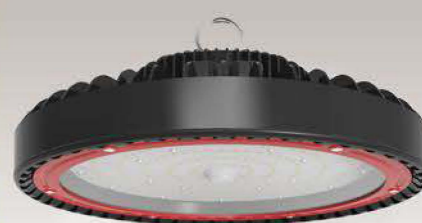


Innovation over adaption



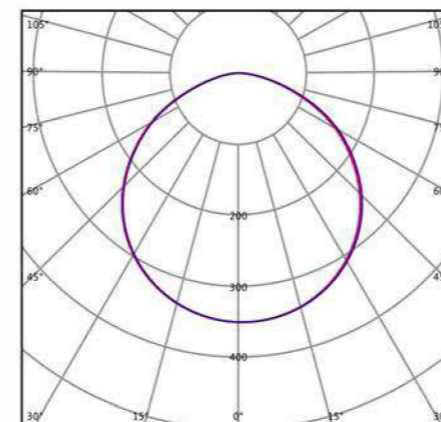
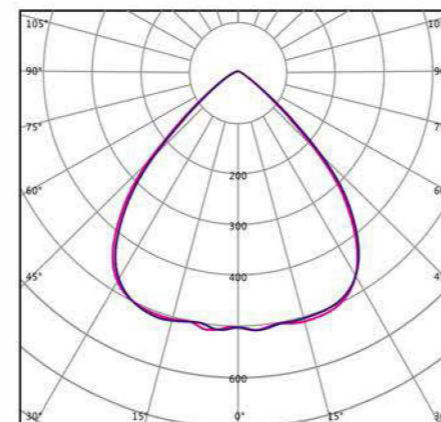
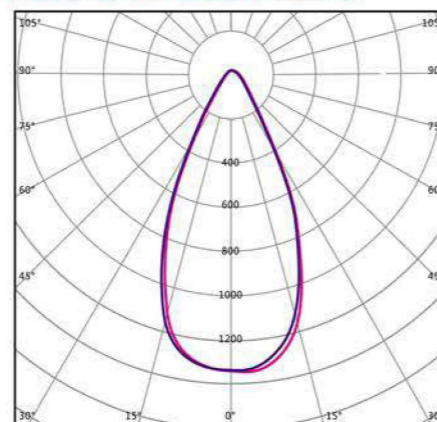
Part numbers	A05	A07	A09	A10	A12	A15	A20	A24	A30
Output	6,200lm	8,150lm	10,250lm	13,000lm	15,600lm	19,500lm	26,000lm	31,200lm	39,000lm
Power	50W	70W	90W	100W	120W	150W	200W	240W	300W
Efficacy	≥120lm/W	≥120lm/W	≥120lm/W	≥130lm/W	≥130lm/W	≥130lm/W	≥130lm/W	≥130lm/W	≥130lm/W
CCT	5000K								
CRI	>70								
Beam angle	50° , 90° , 120°								
Nichia LED Chips. 1.4W	63pcs	84pcs	112pcs	112pcs	140pcs	189pcs	252pcs	434pcs	532pcs
Input Voltage	100-277Vac 47-63hz PF ≥ 0.95								
IP Rating	IP65								
Driver	Meanwell IP65								
HID Equivalent	120W	160W	230W	250W	250-400W	400-600W	700W	800W	1000W

Control Options

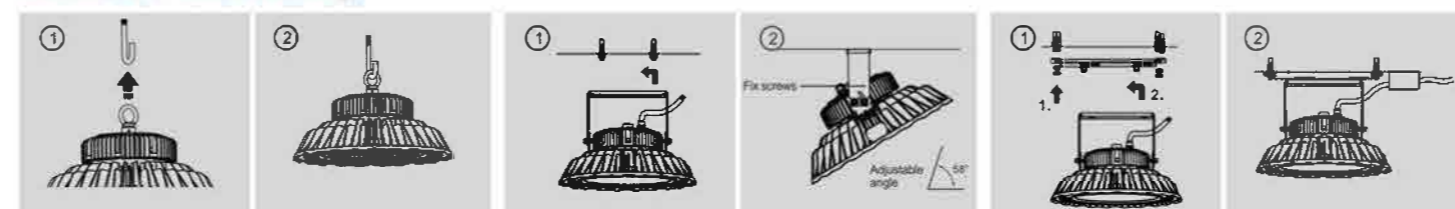
Add to the product part numbers to include these control options

Occupancy Control	DALI Control	1-10V Dimming Control	Zigbee Wireless Control	Daylight Sensor Control
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Illuminance Charts



HiCloud Mounting



- High performance SMD design
- Efficacy up to 130lm/W
- Electrical: 100-277V~, 47-63Hz, PF≥0.95
- LED life projection >100,000 hours (TM21 L70)
- Energy savings up to 90%, (depending on installation and usage patterns)
- CCT: 5000K (other 0K available to special order)
- CRI>70 (CRI>80 optional)
- Standard Beam angle 120° (60° and 90° Optional)
- Superior uniformity
- Superior temperature stability
- Temperature tested for the toughest conditions
- Quality Meanwell long life driver
- Compact size (383mm x 195mm)
- Light weight (6-7kg)
- Tempered safety glass diffuser
- Operating range -30~+50°C
- Body : Aluminium alloy
- Stainless steel screws
- IP65 Protection rating
- 0.3m flex (other lengths and plugs optional)
- Five years warranty

optional extras

- Occupancy Control
- DALI driver
- ZigBee Wireless Control
- 1-10V dimmable driver
- Alternative mounting brackets

linear LED high bay is born to warehouse aisle, generating rectangular lighting pattern perfectly complied with aisles, providing an intelligent high bay solution.

★ **Lumen Efficiency**

110 lm/W

Rack



85 lm/W

COB High bay



HiRack has higher system efficacy, up to 110lm/w. Compared to general COB and HID, HiRack saves more than 80% energy.

★ **Beam Angle**

HiRack family has various selections in power (30W-180W), available in different beam angles 30x70degree, 60x90degree and 120degree.

Rack			
Lighting Pattern			
Beam angle	30°x70°	60°x90°	120°
Applications	Warehouse aisle	Warehouse and Workplane	Docking areas

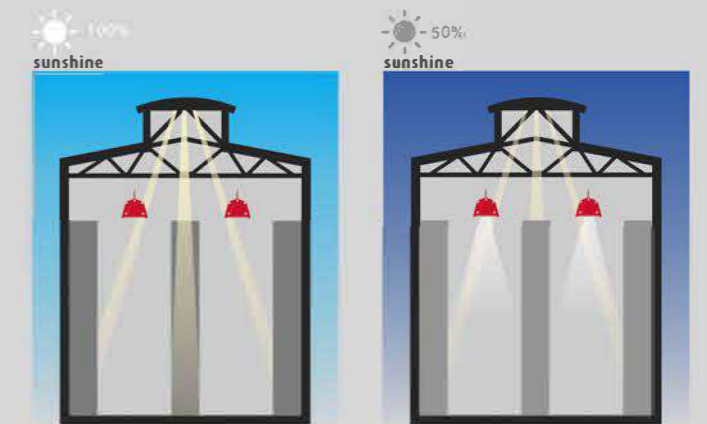


★ **ZigBee**

You can remotely control Zigbee HiRack on/off and dimming by your mobile phone/tablet at home. Or control lamps by remote controller.

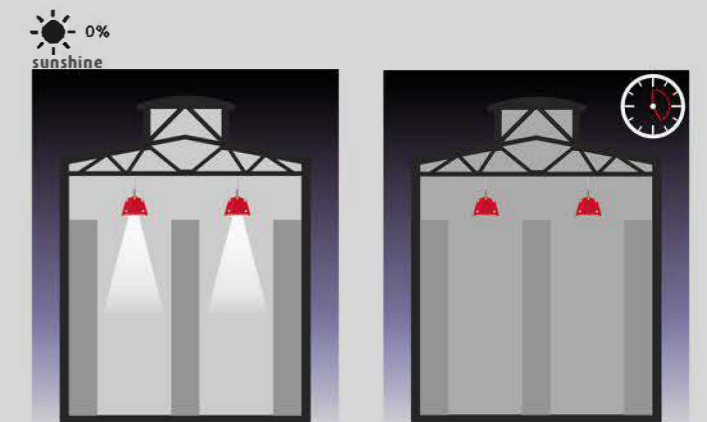


★ **Daylight sensor**



Daylight sensor combined with motion sensor, if with sufficient ambient light (100%), the lamp turns off at once, even with motion trigger.

If ambient light goes down to 50%, the lamp switches on to keep the preset illumination level (set in the motion sensor).



When ambient light is below preset illumination level or down to 0%, the lamps switches on automatically, to the illumination level as preset.

Hold time. After no motion detected, refers to this time period, the lamp remains the illumination level preset before it completely switches off.

★ **Motion sensor**



The sensor automatically switches on light when motion detected.



When people leave the detection area, light will dim to an illumination level preset and off after a certain time.



Product Range

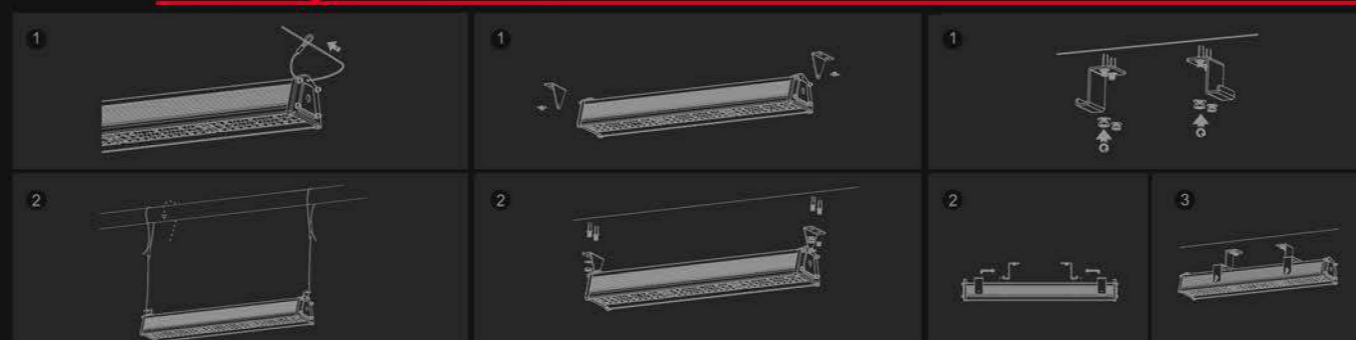
★ DALI



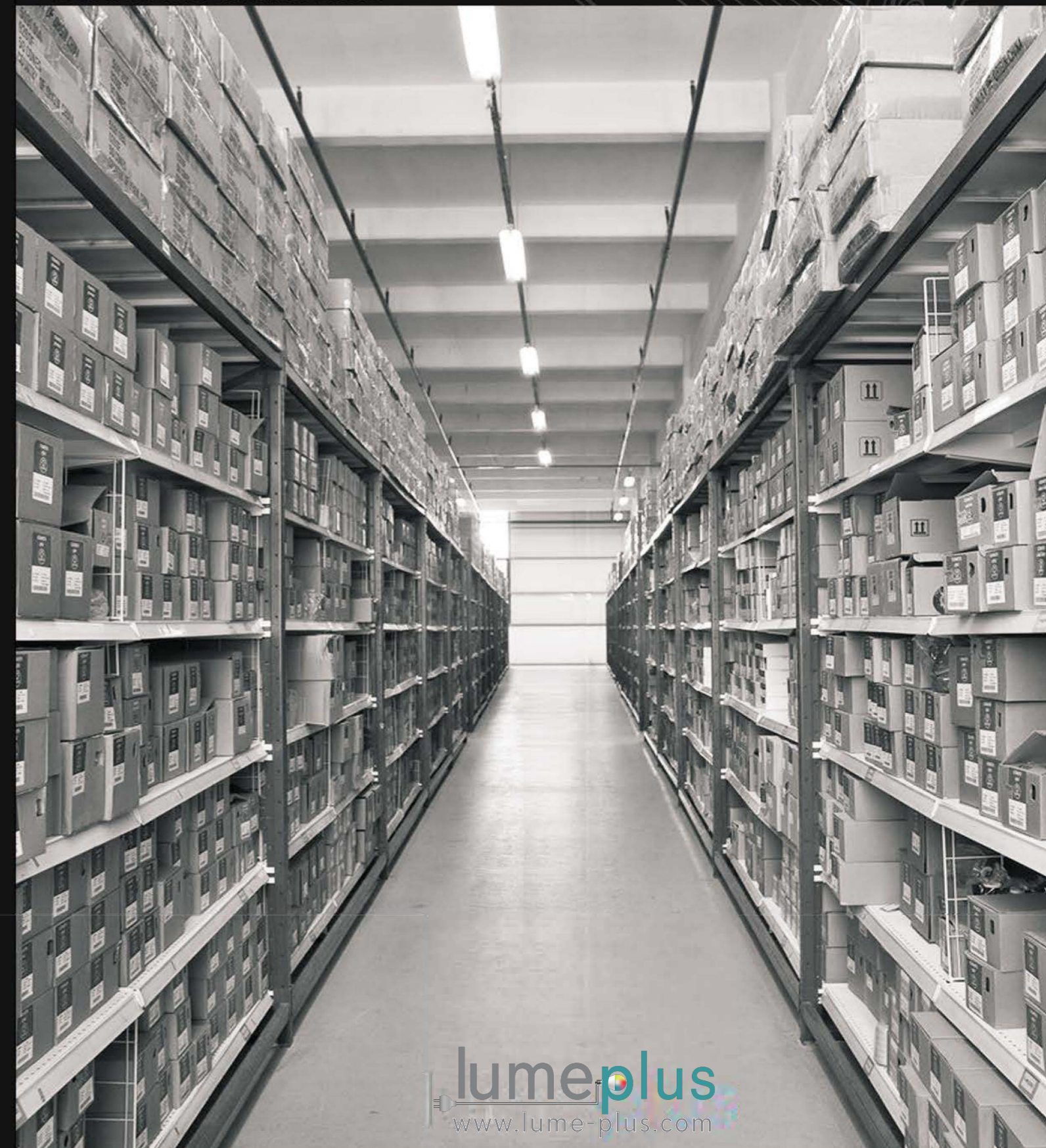
DALI stands for Digital Addressable Lighting Interface. Connected with computer/ tablet / mobile phone control terminal through operational software, we can accurately control each lamp or lamps in a certain area.

Part numbers	A03	A06	A09
Output(CCT=5000K)	3300lm	6600lm	9900lm
Power	30W	60W	90W
Efficacy	110lm/W(CCT=5000K)		
CCT	3000K,4000K,5000K		
CRI	70Ra,80Ra,90Ra		
Beam angle	30°x70°,60°x90°,120°		
Nichia LED Chips.	28pcs	56pcs	84pcs
Input Voltage	100-277V AC,47-63Hz,PF≥0.93		
IP Rating	IP65		
Driver	Meanwell IP65		
Part numbers	A12	A15	A18
Output(CCT=5000K)	13200lm	16500lm	19800lm
Power	120W	150W	180W
Efficacy	110lm/W(CCT=5000K)		
CCT	3000K,4000K,5000K		
CRI	70Ra,80Ra,90Ra		
Beam angle	30°x70°,60°x90°,120°		
Nichia LED Chips.	112pcs	140pcs	168pcs
Input Voltage	100-277V AC,47-63Hz,PF≥0.93		
IP Rating	IP65		
Driver	Meanwell IP65		

Mounting Accessories



Born to warehouse aisle



lumeplus
www.lume-plus.com

Clean food processing lighting

Eco friendly design, high efficiency, guaranteed quality LED high bay

In all applications but especially in food processing facilities, good quality, cleanness, safety and well distributed lighting are super important throughout all areas of the facility.

No-glass

It has a safe acrylic lens that meets the 'No-Glass' requirement for food areas. And the light source is LED, which will not explode and drop glass fragments into food or machinery.

Dust-tight, gaps and holes free.

It's dust-tight withstand rigorous cleaning protocols, suitable for wash down areas. No gaps or holes in the fixture that could allow contaminants to enter the processing area from the plenum.

No toxic materials

The surface of the heat sink is powder coating. It contains no toxic materials, highly resistant to corrosion.

Well-distributed lighting

Acrylic lens with perfect beam angles, appropriate intensity of light levels generate well-distributed lighting and highly comfortable visual effect.

High performance

It also has the high performance, energy efficiency, and low maintenance, long life features which are required in all types of food industrial lighting



Made for food processing

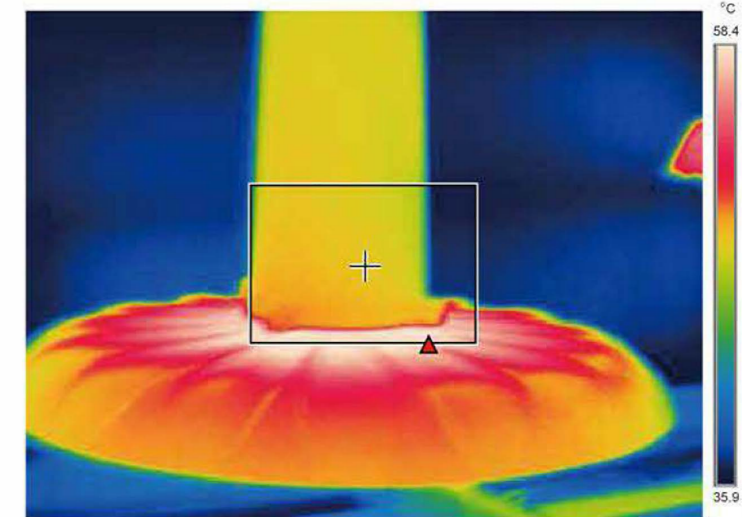
The **HiClean** high bay is suitable for fresh and frozen meat processing plants, drinks, fruit and vegetable processing and canning facilities.



Clean

Superior thermal management

An even heat distribution and lower temperature rise



Superior lighting performance

Outperforms conventional LED high bay designs

150W	Other LED 150W
	
361 lux working plane	199 lux working plane
0.475 Uniformity	0.394 Uniformity
	

Room width 100m Room length 100m Room height 10m
Fixture Qty 225pcs Fixture spacing 6.7m

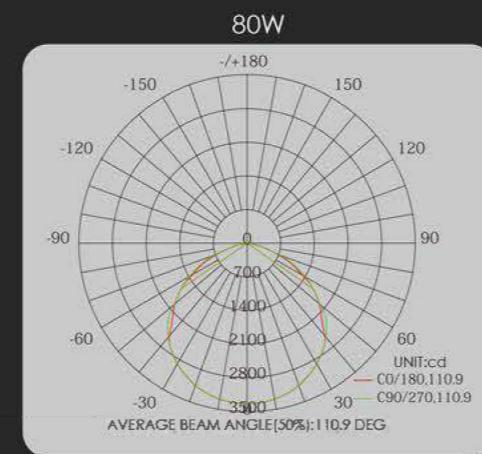
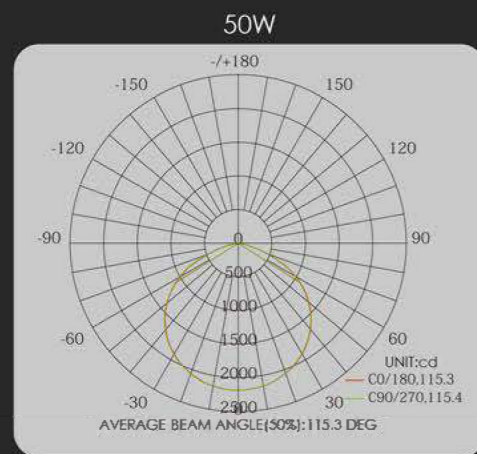
Great Features

- Equivalent 150W 200W HID.
- Private tooling design.
- Original Nichia SMD LED from Japan.
- LED efficacy > 140lm/W, system efficacy > 110lm/W.
- IP65 Waterproof.
- 5 years warranty.

Optical Performance

- LED Type : Nichia SMD LED
- Beam Angle : 90°X90°, 120°X120°
- System Efficiency : >90%
- CCT : 3000K, 4000K, 5000K

Light Distribution Curve



LED Performance Specification

System Power (W)	LED Power (W)	Color Temperature 5000K			Junction Temperature (Ta=30°C) (°C)	Output Current (Constant) (A)
		System Efficacy (LM/W)	Luminous Flux (LM)	CRI		
50	46	110	5500	73	70	1.05
70	65	110	7700	73	70	1.50
90	83	110	9900	73	70	1.90

LED Flood Light



LED Flood Light

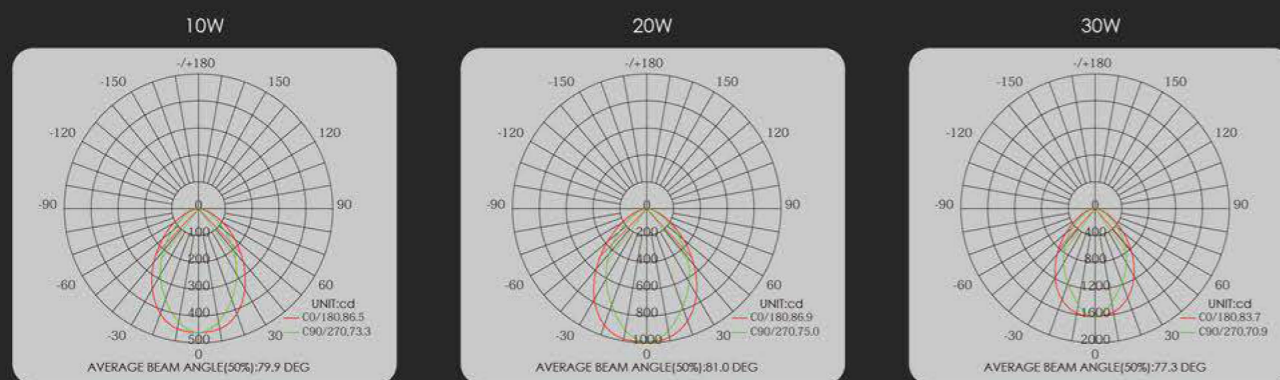
Great Features

- Equivalent to 25W, 50W and 80W HID.
- Private tooling design.
- Original Epistar LED from Taiwan or Nichia LED from Japan and Up-shine driver from Shenzhen.
- LED efficacy > 110lm/W, system efficacy ≥ 90lm/W.
- IP65 weatherproof.
- 5 years warranty.

Optical Performance

- LED Type : Epistar/Nichia
- Beam Angle : 90°X90°, 120°X120°
- System Efficiency : >90%
- CCT : 3000K-6500K

Light Distribution Curve



LED Performance Specification

System Power (W)	LED Power (W)	Color Temperature 5000K			Junction Temperature (Ta=30°C) (°C)	Output Current (Constant) (A)
		System Efficacy (LM/W)	Luminous Flux (LM)	CRI		
10	9	90	900	70	70	0.30
20	18	90	1800	70	70	0.60
30	27	90	2700	70	70	0.90



LED Flood Light

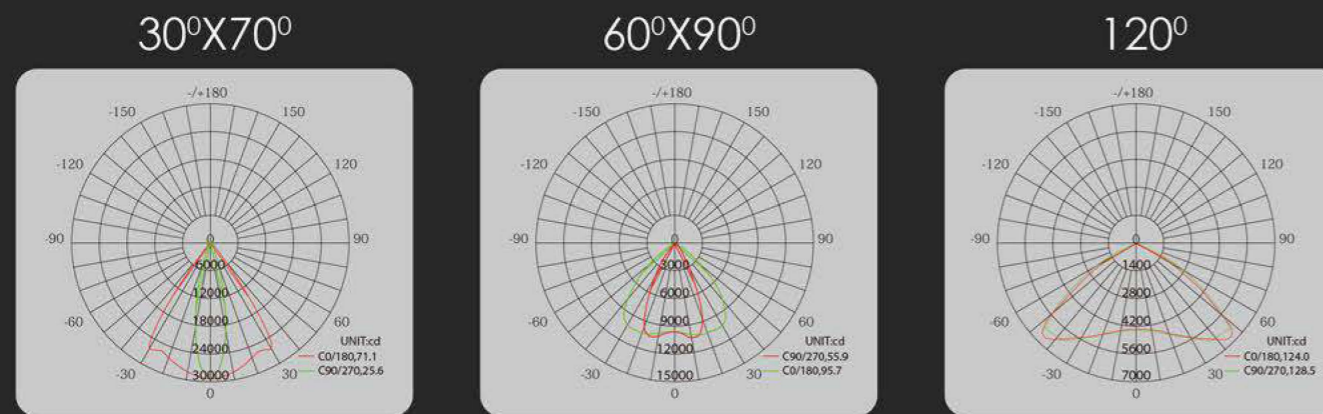
Great Features

- Equivalent to 150W 250W and 400W HID.
- Original Nichia SMD LED from Japan.
- LED efficacy > 140lm/W, system efficacy > 115lm/W.
- IP65 waterproof, free of dust and water.
- 10kV surge protection.

LED and Optical Assembly

- LED Type : Nichia SMD LED
- Beam Angle : 30°X70°, 60°X90°, 120°
- Color Temperature : Typical 5000K, (3000K 4000K optional)

Light Distribution Curve



LED Performance Specification

System Power (W)	LED Power (W)	Color Temperature 5000K			Junction Temperature (Ta=30°C) (°C)	Output Current (Constant) (A)
		System Efficacy (LM/W)	Luminous Flux (LM)	CRI		
60	56	115	6900	73	75	1.30
90	84	115	10350	73	75	1.90
120	112	115	13800	73	75	2.61
180	168	115	20700	73	75	3.80



5
Years Warranty

IP65

Great Features

- Equivalent to 150W, 250W and 400W HPS.
- Original Nichia SMD LED from Japan.
- LED efficacy > 140lm/W, system efficacy > 112lm/W.
- IP66 waterproof, free of dust and water.
- Pole mounting, adjustable for Φ 40mm~60mm pole.
- High quality powder coating, strong corrosion resistant.
- 10kV surge protection.

LED Street Light

LED and Optical Assembly

- LED Type : Nichia SMD LED
- Beam Angle : 75°X145°
- Distribution Patterns : Type II
- Color Temperature : Typical 4000K, (3000K 5000K optional)
- Lens : Outdoor tempered glass

Light Distribution Curve



LED Performance Specification

System Power (W)	LED Power (W)	LED QTY (W)	Color Temperature 5000K			Junction Temperature (Ta=30°C) (°C)	Output Current (Constant) (A)
			System Efficacy (LM/W)	Luminous Flux (LM)	CRI		
30	26	36	112	3360	73	75	0.75
60	53	72	112	6720	73	75	1.45
90	79	108	112	10080	73	75	2.30
120	108	144	112	13440	73	75	3.00
150	137	180	112	16800	73	75	3.80
180	164	216	112	20160	73	75	4.50





Linear LED High Bay

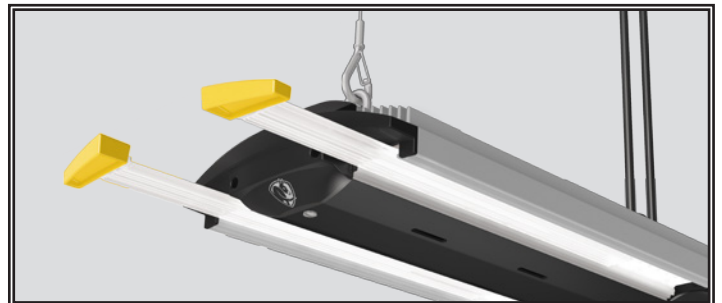
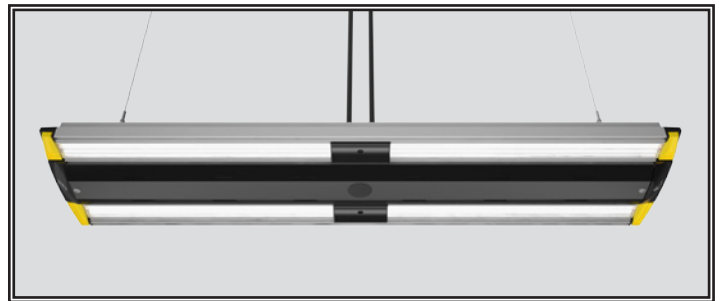


The linear High Bay LED is a high performance, high efficiency LED luminaire engineered to be the ideal fixture for your environment. Designed with long-term performance and energy efficiency in mind, the linear High Bay LED is sold with a 7-year warranty.

The linear High Bay LED features a single piece housing of anodized, extruded aluminum which provides superior heat dissipation and impact resistance. Our patent pending lumen maintenance tray not only protects the fixture from dirt and debris, it also provides optimal light distribution.

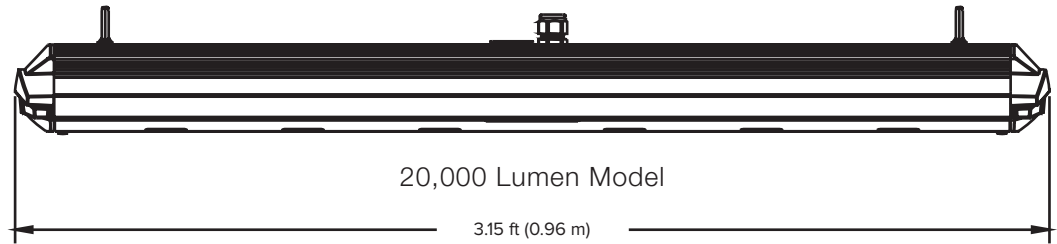
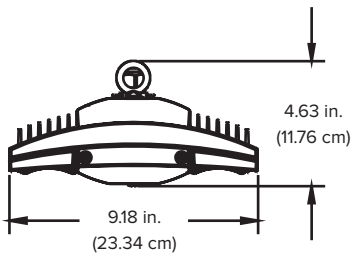
Features and benefits

- Complete 7-year product warranty
- Patent pending lumen maintenance tray directs light from 55 to 105 degrees
- Heavy duty anodized, extruded aluminum construction
- DLC listed
- Certified by TÜV SÜD to UL and CSA standards
- Single piece aluminum housing for improved heat dissipation
- Energy efficient; up to 110 lumens/watt
- Most aesthetically pleasing LED product on the market
- Predicted to maintain 70% of initial output for up to 150,000 hours



High Bay LED Series

TECHNICAL SPECIFICATIONS



Ordering Information								
Lighting	Series	Lumen Output	Color Temperature	System Voltage	Lumen Maintenance Tray	Cord Length ¹	Mounting Hardware ²	Controls
Linear	L120	20,000 lm	04: 4000 K 05: 5000 K	01: 120–277 V 02: 347–480 V	00: None 01: Narrow 02: Regular 03: Wide	00: No cord 06: 6 ft (1.83 m) 10: 10 ft (3.05 m)	01: Aircraft cable, 10 ft (3.05 m) 02: Aircraft cable, 20 ft (6.10 m) 03: Pendant mount, ½ in. (12.7 mm) NPT 04: Pendant mount, ¾ in. (19.05 mm) NPT	00: None Occupancy/ 01: Photo, with dimming External 03: External dimming

Note: Lead times may vary depending on options selected

Light Output ³				
High Bay LED Series	Wattage	Efficacy ⁴	Color Temperature	CRI
20,000 Lumen Model	194 W	108 lumens/watt	4000 K, 5000 K	73+

Note: Light output numbers reflect fixture without lumen maintenance tray

Weight	25 lb (11.34 kg)
Power Input	120–277 V; 347–480 V ⁵
Dimming	0–10 V
Sensors	Optional programmable, onboard occupancy/photo sensor with wireless remote
Reliability	L70 predicted to exceed 150,000 hours at 25° C (77° F)
Environment	Suitable for dry and damp interior environments
Construction	Extruded anodized aluminum housing (single piece)
Maintenance	Zero tool access to lumen maintenance tray ⁶ ; hinged door access to power supplies
Temperature Rating	-35 to 55° C (-31 to 131° F)
Warranty	7 year complete fixture warranty; warranty includes power supplies
Certifications	Certified by TÜV SÜD to UL 1598 and CSA C22.2 No.250.0; DLC listed

¹ Please consult manufacturer for custom cord lengths

² Please consult manufacturer for any pendant mounting distances in excess of 25 feet

³ Measured at 25° C ambient

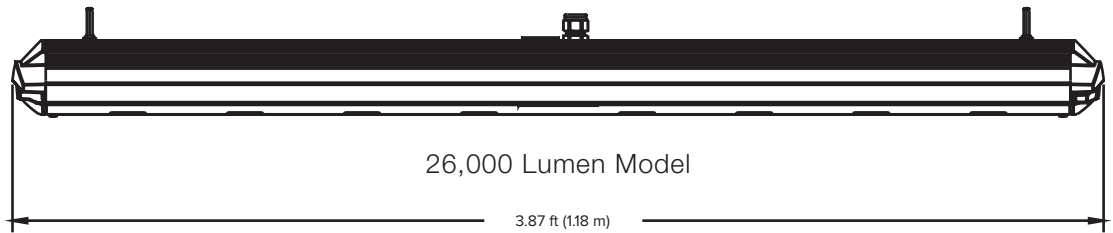
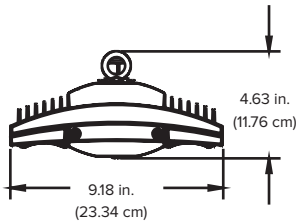
⁴ Measured at 5,000 K color temperature

⁵ Additional transformer required for 347–480 V; transformer rated to 44° C (111.2° F)

⁶ Acrylic lumen maintenance tray may not be suitable for all industrial environments; please contact manufacturer for details

High Bay LED Series

TECHNICAL SPECIFICATIONS



Ordering Information								
Lighting	Series	Lumen Output	Color Temperature	System Voltage	Lumen Maintenance Tray	Cord Length ¹	Mounting Hardware ²	Controls
Linear	L126	26,000 lm	04: 4000 K 05: 5000 K	01: 120–277 V 02: 347–480 V	00: None 01: Narrow 02: Regular 03: Wide	00: No cord 06: 6 ft (1.83 m) 10: 10 ft (3.05 m)	01: Aircraft cable, 10 ft (3.05 m) 02: Aircraft cable, 20 ft (6.10 m) 03: Pendant mount, ½ in. (12.7 mm) NPT 04: Pendant mount, ¾ in. (19.05 mm) NPT	00: None Occupancy/ 01: Photo, with dimming External 03: External dimming

Note: Lead times may vary depending on options selected

Light Output ³				
High Bay LED Series	Wattage	Efficacy ⁴	Color Temperature	CRI
26,000 Lumen Model	253 W	110 lumens/watt	4000 K, 5000 K	73+

Note: Light output numbers reflect fixture without lumen maintenance tray

Weight	31 lb (14.06 kg)
Power Input	120–277 V; 347–480 V ⁵
Dimming	0–10 V
Sensors	Optional programmable, onboard occupancy/photo sensor with wireless remote
Reliability	L70 predicted to exceed 150,000 hours at 25° C (77° F)
Environment	Suitable for dry and damp interior environments
Construction	Extruded anodized aluminum housing (single piece)
Maintenance	Zero tool access to lumen maintenance tray ⁶ ; hinged door access to power supplies
Temperature Rating	-40 to 55° C (-40 to 131° F)
Warranty	7 year complete fixture warranty; warranty includes power supplies
Certifications	Certified by TÜV SÜD to UL 1598 and CSA C22.2 No.250.0; DLC listed

¹ Please consult manufacturer for custom cord lengths

² Please consult manufacturer for any pendant mounting distances in excess of 25 feet

³ Measured at 25° C ambient

⁴ Measured at 5,000 K color temperature

⁵ Additional transformer required for 347–480 V; transformer rated to 44° C (111.2° F)

⁶ Acrylic lumen maintenance tray may not be suitable for all industrial environments; please contact manufacturer for details