



LED®

Titan™ E Series High Bay

americanlite®

We light your world™



EXC Pro™ Series

100w/150w/200w
CCT Selectable

DOB Tech	IP65 	IK08
VOLTS 100-277	CRI 80	CCT Selectable 3K-4K-65K 4K-5K-65K
PF >0.90	THD <20%	Lumens up to 115 l/w
3.5kV Surge Protector	90° Beam Angle	SDCM ≤6
 35,000	 -10°C~+45°C	3 YEAR Warranty

Americanlite® continues to expand the Titan™ E Series with innovative products designed to deliver greater value, improved performance, and dependable quality for today's commercial and industrial lighting projects. The new EXC Pro™ Series represents the next evolution of our popular CCT Selectable high bay, developed with an upgraded manufacturing platform, enhanced construction, and improved electrical performance while maintaining the affordability that has made the E Series a preferred choice for contractors and distributors.

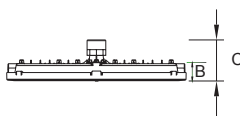
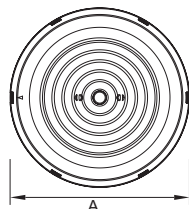
Designed as a professional yet cost effective solution, the EXC Pro™ Series combines excellent efficiency, dependable reliability, and installation flexibility. Available in 100W, 150W, and 200W, it features field selectable color temperatures of 3000K, 4000K, and 6500K, or 4000K, 5000K, and 6500K, allowing distributors and contractors to reduce inventory while providing the flexibility required for a wide variety of applications. Delivering up to 115 lumens per watt, the EXC Pro™ Series offers outstanding illumination with optimized energy savings.

Manufactured with a robust die cast aluminum housing and tempered glass lens, the fixture incorporates an efficient radial heat dissipation design that promotes long term LED performance and reliability. The integrated DOB driver operates on 100 to 277V, with Power Factor greater than 0.90, THD below 20%, and enhanced 3.5kV surge protection, providing dependable operation in commercial and industrial electrical environments. The fixture is rated IP65 for dust and water resistance, IK08 for impact protection, and operates reliably in ambient temperatures from -10°C to +45°C.

With an operational life of up to 35,000 hours, excellent color consistency of ≤6 SDCM, and a standard 3 year warranty, the EXC Pro™ Series is engineered for warehouses, manufacturing facilities, retail spaces, distribution centers, workshops, and other demanding indoor environments where performance, reliability, and affordability are equally important.

The Americanlite® EXC Pro™ Series reflects our ongoing commitment to continuously developing products that respond to the evolving needs of the market. By combining improved quality, modern features, and competitive value, the EXC Pro™ Series delivers a professional lighting solution that helps customers maximize performance without exceeding

Dimensions (mm)



Watt	A	B	C
100w	240	23	55
150w	300	23	55
200w	333	23	59

Ordering information

Item	Watts	CCT Select	Lumens	Housing Options
AL674225	100w	4K/5K/65K	10500/11500/10500	Blank Black
AL674226	150w	4K/5K/65K	15750/17250/15750	
AL674227	200w	4K/5K/65K	21000/23000/21000	
AL674228	100w	3K/4K/65K	10500/11500/10500	
AL674229	150w	3K/4K/65K	15750/17250/15750	
AL674230	200w	3K/4K/65K	21000/23000/21000	

Notes

- Lumen tolerance: up to 10%

3000K = 105 lxw	4000K = 105 lxw
4000K = 115 lxw	5000K = 115 lxw
6500K = 105 lxw	6500K = 105 lxw

- Body:
Die-cast Aluminum
Thickness:
100w = 0.9-1.0 mm
150w = 1.0-1.2 mm
200w = 1.1-1.25 mm

- Power Cable: 30 cms 0.823mm²

- Recommended use: 10-12 hours /day
To avoid product damage or voided warranty

- Glass Lens: 1.3-1.5 mm

Packing information

Model	CBM (Master)	Pieces/master	Box Dimensions (cm)	Gross weight (Kg)
100w	0.0656	16	50.5 x 50 x 26	8
150w	0.0624	10	62 x 31.5 x 32	8
200w	0.0621	6	50 x 35 x 35.5	8



Titan EXC™ Series

100w/150w/200w
CCT Selectable

DOB Tech	IP65 	IK08
VOLTS 100-277	CRI 80	CCT Selectable 3K-4K-65K 4K-5K-65K
PF >0.90	THD <20%	Lumens up to 115 l/w
2kV Surge Protector	90° Beam Angle	SDCM >6
30,000 	-20°C~+40°C 	3 YEAR Warranty

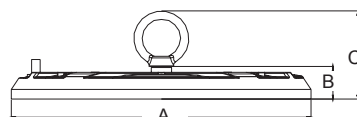
Heavy industry is a broad description of many industries such as paper mills, foundries, casting or welding facilities and many more. One common attribute is that they are difficult environments for light fixtures. The Titan EXC™ Series High Bay provides quick and easy installation for retrofitting outdated HID and linear fluorescent high bays.

The Titan EXC™ Series High Bay is an economic solution for both low bay and high bay applications. Designed with good optics, the Titan EXC™ Series delivers great performance utilizing LED technology.

A unique radial body & fins allows to operate in -20°C to +40°C ambient environments and maintains the LEDs with controlled temperature, resulting in a stunning 30,000 hours of life @ 100 lumens x watt. The DOB Power Supply, 100-277V PF>0.90, has a powerful 2KV surge protection, to ensure safe performance.

The Titan EXC™ Series High Bay is designed to efficiently light any large interior space such as, warehouses, stores, public spaces, machining, foundries, automotive, packaging among many other applications.

Dimensions (mm)



Watt	A	B	C
100w	235	32	68
150w	277	32	68
200w	310	32	68

Ordering information

Item	Watts	CCT Select	Lumens	Housing Options	
AL674203	100w	3K/4K/65K	9500/11000/10500	Blank	Black
AL674204	150w	3K/4K/65K	14250/16500/15750	G	Gray
AL674205	200w	3K/4K/65K	19000/22000/21000		
AL674222	100w	4K/5K/65K	10000/11500/10500		
AL674223	150w	4K/5K/65K	15000/17200/15750		
AL674224	200w	4K/5K/65K	20000/23000/21000		

Notes

- Lumen tolerance: up to 10%
- 3000K = 95 lxw
- 4000K = 110 lxw
- 6500K = 105 lxw
- 4000K = 100 lxw
- 5000K = 115 lxw
- 6500K = 105 lxw
- Body: Die-cast Aluminum
- Thickness: 100w = 1.0 - 1.1 mm
- 150w = 1.1 - 1.2 mm
- 200w = 1.2 - 1.3 mm
- Glass Lens: 1-1.2 mm
- Stainless steel screws
- Power Cable: 30 cms 3 X 1.0mm2 rubber wire

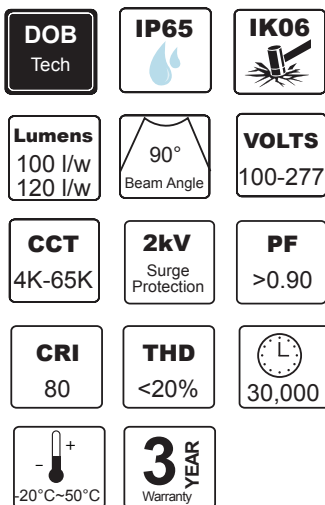
Packing information

Model	CBM (Master)	Pieces/master	Box Dimensions (cm)	Gross weight (Kg)
100w	0.0269	10	41.5 x 25.5 x 25.5	7.1
150w	0.0361	10	41.5 x 29.5 x 29.5	9.74
200w	0.0451	10	41.5 x 33 x 33	12.62



Titan EX2 Pro™ Series

100w/150w/200w/300w



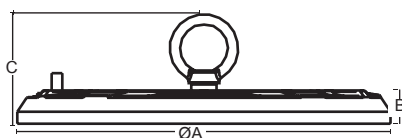
Heavy industry is a broad description of many industries such as paper mills, foundries, casting or welding facilities and many more. One common attribute is that they are difficult environments for light fixtures. Titan EX2 Pro™ Series High Bay provides quick and easy installation for retrofitting outdated HID and linear fluorescent high bays.

The Titan EX2 Pro™ Series High Bay is an economic solution for both low bay and high bay applications. Designed with good optics, the Titan EX2 Pro™ Series delivers great performance utilizing LED technology.

A unique radial body & fins allows to operate in -20°C to 50°C ambient environments and maintains the LEDs with controlled temperature, resulting in a stunning 30,000 hours of life @ 100 or 120 lumens x watt. The patented Linear Power Supply, 100-277V PF>0.90, has a powerful 2KV surge protection, to ensure safe performance.

The Titan EX2 Pro™ Series High Bay is designed to efficiently light any large interior space such as, warehouses, stores, public spaces, machining, foundries, automotive, packaging among many other applications.

Dimensions (mm)



Watt	A	B	C
100w	231	31	70
150w	270	31	70
200w	330	33	72
300w	410	33	72

Ordering information

100 lxw

Item	Watts	Lumens	Options
AL874200	100w	10000	Blank 6500K
AL874201	150w	15000	57 5700K
AL874202	200w	20000	5 5000K
AL874203	300w	30000	4 4000K

120 lxw

Item	Watts	Lumens	Options
AL874204	100w	12000	Blank 6500K
AL874205	150w	18000	57 5700K
AL874206	200w	24000	5 5000K
AL874207	300w	36000	4 4000K

Notes

- Lumen tolerance = up to 10%
- Housing = Die-casting Aluminum
- PC Lens
- Iron zinc plated hook
- Iron zinc plated screws
- Power Cable = 20cm 3 x 0.75mm² PVC coper wire

Packing information

Model	CBM (Master)	Pieces/master	Box Dimensions (cm)	Gross weight (Kg)
100w	0.0458	10	56.5 x 28 x 29	7.4
150w	0.0596	10	56.5 x 32 x 33	9.8
200w	0.0429	5	29 x 38 x 39	6.9
300w	0.0548	5	29 x 43 x 44	9.8



Titan EX™ Series

100w/150w/200w

IP65 Water Resistant	IP08 Impact Resistant	Class I Safety
DOB Tech	Lumens 100l/w	VOLTS 100-277
90° Beam Angle	2kV Surge Protection	CCT 4K-65K
PF 0.50	CRI 80	UGR >22
SCDM >5	Temperature -20°C~40°C	Lifespan 25,000
3 YEAR Warranty		

The Titan EX™ Series High Bay by Americanlite® is a cost-effective industrial lighting solution engineered to deliver reliable performance in demanding indoor environments. Heavy industrial facilities—including paper mills, foundries, fabrication plants, and manufacturing operations—present challenging conditions for lighting systems. Exposure to dust, vibration, temperature variation, and continuous operation requires luminaires built with durability and thermal stability in mind.

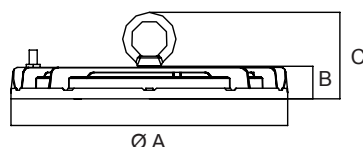
Designed as an efficient retrofit replacement for traditional HID and linear fluorescent high bays, the Titan EX™ Series provides simplified installation and immediate energy savings. Its optimized optical design ensures uniform light distribution, delivering dependable illumination at 100 lumens per watt, making it an ideal balance between performance and budget-conscious investment.

The fixture features a distinctive radial aluminum body with integrated heat dissipation fins, allowing for stable operation in ambient temperatures ranging from -20°C to 40°C. This thermal management system maintains controlled LED junction temperatures, contributing to an extended operational lifespan of 25,000 hours. The durable housing is rated IP65, protecting against dust ingress and water exposure, and IK08 impact resistant, ensuring structural integrity in industrial settings.

Electrical performance is supported by a patented linear power supply operating at 100–277V, with Power Factor >0.90 and integrated 2kV surge protection, safeguarding the luminaire against voltage fluctuations and transient surges. This design ensures stable, safe performance across a wide range of commercial and industrial power conditions.

The Titan EX™ Series is well suited for warehouses, distribution centers, retail facilities, machining areas, automotive plants, packaging operations, and public indoor spaces, where dependable, low-maintenance lighting is essential. Combining rugged construction, practical efficiency, and economical value, the Titan EX™ Series delivers consistent illumination without exceeding project budgets.

Dimensions (mm)



Watt	A	B	C
100w	236	32	68
150w	376	32	68
200w	308	32	68

Ordering information

Item	Watts	Lumens	CCT
AL674290	100w	10000	Blank 6500K
AL674291	150w	15000	5 5000K
AL674292	200w	20000	4 4000K

Notes

- Lumen tolerance: $\pm 7-10\%$
- Surge Protection:
L-N:1KV: L/N- PE:2KV
- Power Cable:
30 cms 3 X 1.0mm² rubber wire
- Die-casting Aluminum
Thickness 100w = 0.9mm
150w 200w = 1mm
- PC Lens
Thickness 100w = 1.2mm
150w = 1.3mm
300w = 1.5mm
- Zinc plated iron hook
- SUS 201 stainless steel screws
100w = 16 screws
120w = 18 screws
200w = 22 screws

Packing information

Model	CBM (Master)	Pieces/master	Box Dimensions (cm)	Gross weight (Kg)
100w	0.0269	10	41.5 x 25.5 x 25.5	7.2
150w	0.03611	10	41.5 x 29.5 x 29.5	9.8
200w	0.0451	10	41.5 x 33 x 33	12.6



Warranty

Americanlite® is pleased to provide a 3 year limited warranty covering the LED fixtures on this catalogue. Americanlite® warrants that the LED fixtures comply with Americanlite®'s published specifications and are free from defects in materials and workmanship.

All our equipment is CE, ETL or UL approved and manufactured with approved components. Americanlite® reserves the right to change or improve the design or components of any of its products due to parts availability or changes in standards, without assuming any obligation to modify any product previously manufactured and without notice. All equipment is tested and inspected before shipment.

This warranty is void if the product is operated outside of its normal operating conditions. The foregoing warranty does not apply to failures caused by acts of God or as a result of any abuse, misuse, abnormal use, or use in violation of any applicable standard, code or instructions for use in installations, including, but not limited to, those contained in the Standards for the International Electro technical Commission. Americanlite® reserves and has the right to examine failed fixtures to determine the cause of failure, excessive lumen depreciation and patterns of usage.