LED®

Titan™ High Bay

americanlite®

We light your world™

CERTIFIED · DLC LISTED · RoHS · NSF · tuya · Bluetooth

09.12.26

americanlite®

Product Information

Titan XPro™

100w/150w/200w/240w
Beam, CCT, & Power Selectable

CERTIFIED | DLC LISTED | NSF | RoHS | tuya | Bluetooth | Wet Location | IP66 | IK09 | LM80 | Class I | Lumens Up to 170 lxw | CCT Selectable | Power Selectable | Beam Selectable 60°-80°-100° | VOLTS 120-277 | PF ≥.90 | THD ≤20% | CRI >80 | UGR <28 | SDCM <7 | Dim 0 -10V | 6kV Surge Protection | 120,000 | -40°C~50°C | 7 YEAR Warranty

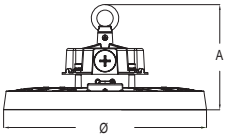
Heavy industry is a broad description of many industries such as paper mills, foundries, casting or welding facilities and many more. One common attribute is that they are difficult environments for light fixtures. Typical light fixtures will need to be well sealed and corrosion resistant. They might need to be able to withstand higher ambient temperatures.

The Titan XPro™ takes high-bay lighting to new levels of light distribution, lumen output, CCT and temperature tolerance by marrying the latest in LED technology and optics design. But that's not all, Americanlite® innovative selectable feature incorporates Beam, Power and CCT adjustment. Each model includes 3 different power levels, 3 color temperature choices and 3 different Beam angles, for a total of 27 different options in one SKU, giving you the flexibility you need, at lower costs.

Titan XPro™ features a pure aluminum heat sink housing to maximize heat dissipation and extend the life of the luminaire by maximizing contact with the LEDs. A PC optical enclosure (IP66 rated) protects the LEDS from dust and other air containments. UL 0-10v driver feature, with a 6KV surge protection built in, allows continuous dimming driver, providing additional energy savings. The Sensor socket base comes standard, making even easier to use a Smart Motion Sensor, a Microwave or PIR Motion Sensor. Emergency driver, Aluminum reflector and PC refractors are great ad on options.

The Titan XPro™ is designed to efficiently light any large interior space such as heavy industrial settings, machining, foundries, automotive, packaging, cold storage, convention centers, retail, supermarkets, arenas & natatoriums. Well-sealed design works well for food processing applications.

Dimensions (mm)



Model	Ø	A
100w/150w	300 ± 3mm	157 ± 5mm
200w/240w	360 ± 3mm	157 ± 5mm

Ordering information

Item	Power	3500K	4000K	5000K
AL774237	100w	15700	17000	16200
	80w	12560	13600	12960
	60w	6420	10200	9720
AL774238	150w	23550	25550	24300
	100w	15700	17000	16200
	75w	11775	12750	12150
AL774239	200w	31400	34000	32400
	150w	23550	25550	24300
	100w	15700	17000	16200
AL774240	240w	37680	40800	38400
	200w	31400	34000	32400
	150w	23550	25550	24300

Options

- **N** NSF Certification
- **SC** Security Chain (1 mt)
- **48** 277-480V

Accessories

- AL774296 PC Refractor (100w/150w)
- AL774297 PC Refractor (200w/240w)
- AL774257 Alum. Reflector (100w/150w)
- AL774258 Alum. Reflector (200w/240w)
- AL774298 Wire Guard (100w/150w)
- AL774299 Wire Guard (200w/240w)
- AL774255 Yoke mounting (100w/150w)
- AL774256 Yoke mounting (200w/240w)
- AL674260 30w ER Battery (BLD-RMXXD/R-YYY)
- AL674272 40w ER Battery (BLD-RMXXD/R-YYY)
- AL674261 ER Driver Remote Control
- AL674262 Microwave Sensor (HB01DMS-A)
- AL674263 PIR Sensor (HB03DPR-A)
- AL674264 MS & PIR Remote Control (HB03R)
- AL674265 BT Sensor (HB03DMS-A)

Notes

- Watts/Lumens Tolerance = 10%
- Lumens based on Beam 80°
- Lumens up to:

60°
35K = 141 lxw
4K = 149 lxw
5K = 146 lxw

100°
35K = 141 lxw
4K = 158 lxw
5K = 145 lxw

80°
35K = 157 lxw
4K = 170 lxw
5K = 162 lxw

- Driver Brand = Sosen
- Surge Protection =L/N-PE:6KV L-N:6KV
- Driver MTBF = 200,000 hours
- ER Driver = 90 Min, lumen output > 4200
  30w ER Driver = 100w/150w
  40w ER Driver = 200w/240w
- ER battery and sensor can not be used at the same time
- PC Refractor / Alum Reflector = Beam 90°
- 120,000 hours life @ <Tc 75°C
- Body = Aluminum / Lens = PC
- LED Chips = Lumiled 2835
- L70@54,000 hrs. minimum
- Sensor Mounting Height:
  Microwave = up to 12m
  PIR = up to 12m
  Bluetooth = up to 12m
- Suitable for 3 Pin Sensor
- Pendant mount for 1/3" threaded conduit
- Hook Size: M10
  (tooth distance 1.5mm, length 16-17.5mm)
- Cable Spec:
  Black exterior cable/white, black, and green interior cable, 3*18AWG Φ7.8±1mm SJTW, UL certified, L=1.8M

Packing information

Model	Pieces per box	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG
100w / 150w	1	48.5 x 48.5 x 17.5	0.0411	3.2
200w / 240w	1	43 x 43 x 17.5	0.0323	4.4
Alum. 90° Reflector 100w/150w	20	53 x 53 x 34.5	0.0969	9.4
Alum. 90° Reflector 200w/240w	20	58 x 58 x 34.5	0.0824	11
PC 90° Refractor 100w/150w	10	48.5 x 48.5 x 81	0.1903	7
PC 90° Refractor 200w/240w	10	50 x 50 x 45	0.1125	8

Model	Pieces per box	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG
Wire guard 100w/150w	20	30 x 30 x 16.5	0.0148	3.2
Wire guard 200w/240w	20	35 x 35 x 15	0.0183	4
30w ER Driver	4	61 x 365 x 21	0.0461	13.5
40w ER Driver	4	61 x 42.5 x 24.5	0.0635	14.8

americanlite®

Titan NXC™ Series

Next Generation Configurable High Bay

100w/150w/200w/240w /300w

Power & CCT Selectable

Beam, Power & CCT Selectable

Product Information

CERTIFIED | DLC LISTED | NSF | Wet Location | IP66 | IK08 | TM21 | LM80 | tuya | Bluetooth | Class I | Power Selectable | Beam Selectable 60°/90°/110° | 90° 110° Single Beam Angle | CCT Selectable | Lumens Up to 155 lxw | Dim 0 -10V | VOLTS 120-277 277-480 | 6kV Surge Protection | PF ≥90 | THD ≤15% | CRI >80 | SDCM <6 | UGR 30 | -40°C~50°C | 120,000 | 7 YEAR Warranty

The Titan NXC™ Series by Americanlite® represents the next generation of configurable industrial high bay lighting, engineered to deliver exceptional performance, reliability, and installation flexibility in demanding commercial and industrial environments. Designed for warehouses, manufacturing facilities, distribution centers, logistics hubs, cold storage applications, gymnasiums, and large open spaces, the NXC™ combines advanced optical performance with a robust industrial-grade platform built for long-term operation.

At the core of the Titan NXC™ is its fully integrated Beam, Power, and CCT Selectable architecture, allowing contractors, distributors, and end users to configure light output, color temperature, and optical distribution directly in the field. Each luminaire offers multiple wattage settings, selectable color temperatures, and selectable beam angles, providing the flexibility to optimize performance for varying mounting heights, layouts, and application requirements without changing fixtures. This significantly reduces inventory complexity while simplifying project design and future upgrades.

Delivering up to 155 lumens per watt, the Titan NXC™ utilizes high-efficiency Lumileds® 2835 LED technology paired with premium-grade drivers to ensure stable performance, superior energy savings, and consistent light quality throughout the life of the system. The advanced thermal management design combines a heavy-duty aluminum housing with a precision-engineered heat dissipation system to maintain low operating temperatures and maximize component longevity.

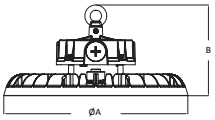
Engineered for demanding environments, the Titan NXC™ features a rugged die-cast aluminum construction, impact-resistant polycarbonate optical system, IP66 ingress protection, IK08 mechanical impact resistance, and an operating temperature range from -40°C to 50°C. The fixture is rated for up to 120,000 hours of service life and is backed by a comprehensive 7-year warranty, providing long-term confidence in even the most challenging applications.

Electrical performance is equally robust. Standard 0-10V dimming, 6kV surge protection, high power factor operation, and low total harmonic distortion ensure reliable integration into modern lighting control systems. Available 120-277V and 277-480V configurations provide flexibility for a wide range of industrial and commercial projects.

To further enhance adaptability, the Titan NXC™ supports Microwave and PIR occupancy sensors, emergency battery backup systems, reflectors, refractors, wire guards, and yoke mounting accessories. These options allow the fixture to be tailored for energy management, safety compliance, specialized light distribution requirements, and unique installation conditions.

The Titan NXC™ is more than a high bay luminaire. It is a configurable industrial lighting platform designed to maximize project flexibility, reduce SKU requirements, simplify installation, and deliver reliable high-performance illumination for years to come. When efficiency, versatility, and long-term durability matter, Titan NXC™ delivers a professional-grade solution built to exceed expectations.

Dimensions (mm)



Model	A	B
100w	246 ± 3mm	143 ± 5mm
150w	246 ± 3mm	143 ± 5mm
200w	298 ± 3mm	148 ± 5mm
240w	298 ± 3mm	148 ± 5mm
300w	345 ± 3mm	154 ± 5mm

Ordering information

Power & CCT Selectable

Item	Power	4000K	5000K	6500K
AL774241	100w	14500	15500	14300
	80w	11600	12400	11440
	60w	8700	9300	8580
AL774242	150w	21750	23250	21450
	120w	17400	18600	17160
	100w	14500	15500	14300
AL774243	200w	29000	31000	28600
	150w	21750	23250	21450
	100w	14500	15500	14300
AL774244	200w	29000	30000	28600
	160w	23200	24800	22880
	120w	17400	18600	17160
AL774245	240w	34800	37200	34320
	200w	29000	31000	28600
	150w	21750	23250	21450
AL774246	300w	43500	46500	42900
	240w	34800	37200	34320
	200w	29000	31000	28600

Beam	
Blank	110°
9	90°

Power, CCT + Beam (60°/90°/110°) Selectable

Item	Power	4000K	5000K	6500K
AL774247	100w	14500	15500	14300
	80w	11600	12400	11440
	60w	8700	9300	8580
AL774248	150w	21750	23250	21450
	100w	14500	15500	14300
	75w	10875	11625	10725
AL774249	200w	29000	31000	28600
	150w	21750	23250	21450
	100w	14500	15500	14300
AL774250	200w	29000	30000	28600
	160w	23200	24800	22880
	120w	17400	18600	17160
AL774251	240w	34800	37200	34320
	200w	29000	31000	28600
	150w	21750	23250	21450
AL774252	300w	43500	46500	42900
	240w	34800	37200	34320
	200w	29000	31000	28600

Options

N	NSF Certification
SC	Security Chain
48	277-480V
C1	Power Cable 1.5m
C2	Power Cable 1.8m

Accessories

AL774280	PC Refractor (100/150w)
AL774281	PC Refractor (200/240w)
AL774374	PC Refractor (300w)
AL774316	Alum. Reflector (100/150w)
AL774283	Alum. Reflector (200/240w)
AL774375	Alum. Reflector (300w)
AL774367	Wire Guard (100/150w)
AL774369	Wire Guard (200/240w)
AL774376	Wire Guard (300w)
AL774284	Yoke mounting (100w-300w)
AL774213	40w ER (120-277V)
AL774214	40w ER (277-480V)
AL774372	ER Driver Remote Control
AL674262	Microwave Sensor
AL674263	PIR sensor
AL674265	BT Sensor (HB03DMS-A)
AL674264	MS & PIR Remote Control

Notes

- Watts/Lumens Tolerance up to 10%
- LED Chips = Lumiled 2835
- Lumens:
  4K = 145 lxw
  5K = 155 lxw
  65K = 143 lxw
- 6500K = NO DLC
- Complies with RoHs
- ER Driver = 40w Bilda 90 Min
  120-277V = part # BLD-RM40X1-190H
  277-480V = part # BLD-RM40D-480V
- ER Driver RC = part # RN1
- ER battery and sensor can not be used at the same time
- Beam selectable = 60°/90°/110°
- THD @ full load = ≤15%,
- 120,000 hours life @ <Tc 75°C
- Drivers:
  120-277V = Inventronics
  120-277V 300w = Sossen
  277-480V = Sossen
- Surge Protection = L/N-PE:6KV L-N:6KV
- Power Cable: 0.3m standard
  Black exterior cable/white, black, green interior cable, 3*18AWG Φ7.8±1mm SJTW, UL certified
- Aluminum Body = 1.8-2.0mm thickness
- PC Lens = 2-2.3mm thickness
- Paint thickness = 80-120um
- Security Chain = 1m long
- Pendant mount for 1/2" threaded conduit
- Hook Size: M10 (tooth distance 1.5mm, length 15-17mm)
- MW Sensor part # = HB01DMS-A
- PIR Sensor part # = HB03DPR-A
- MS & PIR RC part # HB03R
- Sensor Mounting Height:
  Microwave = up to 15m
  PIR = up to 12m
- Suitable for 3 Pin Sensor

Packing information

Model	Pieces per box	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG
100w	2	55 x 27.5 x 15.2	0.0229	1.9
150w	2	55 x 27.5 x 15.2	0.0229	1.98
200w	1	32.5 x 32.5 x 15.5	0.0163	2.34
240w	1	32.5 x 32.5 x 15.5	0.0163	2.44
300w	1	37.8 x 37.8 x 16.2	0.0237	3.41

Model	Pieces per box	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG
Alum. Reflector 100w/150w	20	47.5 x 47.5 x 42	0.0947	8.5
Alum. Reflector 200w/240w	20	53 x 53 x 34.5	0.0969	8.5
Alum. Reflector 300w	20	58 x 58 x 34.5	0.1160	12
PC Refractor 100w/150w	4	34 x 34 x 53	0.0612	2
PC Refractor 200w240w	10	48.5 x 48.5 x 80	0.1881	6
PC Refractor 300w	10	50 x 50 x 45	0.1125	8.5

Model	Pieces per box	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG
Wire Guard 100w/150w	50	25 x 25 x 29	0.0181	8
Wire Guard 200w/240w	50	31 x 31 x 29	0.0278	8.6
Wire Guard 300w	50	36 x 36 x 29	0.0375	10
Yoke	20	50 x 26 x 35	0.0455	11
40w ER Driver	4	30 x 27.5 x 29.4	0.0242	12.6

10.19.2026

americanlite®

Product Information

Titan DXC Pro™

120w/150w/200w/240w /300w
Beam, Power & CCT Selectable

CERTIFIED | DLC LISTED | NSF | RoHS | Wet Location | IP66 | IK08 | TM21 | LM80 | Class I | tuya | Bluetooth | Lumens Up to 162 lxw | Beam Selectable 60° / 90° | CCT Selectable | Power Selectable | Dim 0 -10V | VOLTS 120-277 | 6kV Surge Protection | CRI >80 | PF ≥90 | THD ≤20% | UGR <28 | SDCM <7 | -40°C~50°C | 120,000 | 7 YEAR Warranty

The Titan DXC Pro™ Series by Americanlite® represents the next generation of configurable industrial high bay lighting, engineered for maximum adaptability in demanding environments. Designed to perform in heavy manufacturing, processing plants, cold storage facilities, automotive production, and high-ceiling commercial spaces, the DXC Pro™ combines high-output performance with field-adjustable flexibility in a single robust platform.

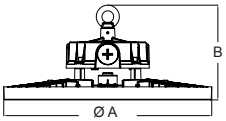
What sets the Titan DXC Pro™ apart is its fully integrated Beam, Power, and CCT Selectable architecture. Each luminaire allows on-site selection of multiple wattage outputs, dual color temperatures (4000K / 5000K), and selectable 60° or 90° beam distribution, enabling precise light level control and optical optimization without changing fixtures. This reduces inventory complexity, simplifies project planning, and allows contractors and engineers to fine-tune performance based on mounting height, layout, and application requirements.

Delivering up to 162 lumens per watt, the DXC Pro™ utilizes high-efficiency Lumileds® 2835 LED chips driven by a premium Sosen® driver, rated for 120,000 hours at Tc <75°C. The thermally optimized aluminum housing (≥1.5mm thickness) ensures superior heat dissipation, while a sealed 2mm thick PC optical lens provides Wet location rate and IP66 ingress protection against dust and water intrusion. With an IK08 impact rating and operating temperature range from -40°C to 50°C, the fixture is engineered for extreme industrial conditions.

Electrical resilience is built in, featuring 6kV surge protection (L/N-PE and L-N) and a 0–10V dimming driver for seamless integration with advanced lighting controls. A universal sensor socket supports Microwave, PIR, and Bluetooth Smart sensors, with mounting heights up to 15 meters. Emergency driver options and a full range of reflectors, refractors, yoke mounts, and wire guards further expand application flexibility.

The Titan DXC Pro™ is not simply a high bay—it is a configurable industrial lighting system engineered for performance, durability, and long-term reliability. When precision, adaptability, and environmental resilience are critical, DXC Pro™ delivers a professional-grade solution built to exceed expectations.

Dimensions (mm)



Model	A	B
120w	240 ± 3mm	146 ± 5mm
150w	275 ± 3mm	146 ± 5mm
200w	300 ± 3mm	146 ± 5mm
240w	320 ± 3mm	146 ± 5mm
300w	350 ± 3mm	148 ± 5mm

Ordering information

Item	Power	4000K	5000K
AL774291	120w	19440	18840
	100w	16200	15700
	80w	12960	12560
AL774292	150w	24300	23550
	120w	19440	18840
	100w	16200	15700
AL774293	200w	32400	31400
	150w	24300	23550
	100w	16200	15700
AL774294	240w	38880	37680
	200w	32400	31400
	150w	24300	23550
AL774295	300w	48600	47100
	240w	38880	37680
	200w	32400	31400

Options

- **N** NSF Certification
- **SC** Security Chain
- **48** 277-480V

Accessories

AL774288	PC Refractor (120w)	AL774368	Wire Guard (200w)
AL774280	PC Refractor (150w)	AL774369	Wire Guard (240w)
AL774296	PC Refractor (200w)	AL774376	Wire Guard (300w)
AL774281	PC Refractor (240w)	AL774284	Yoke mounting (120w-300w)
AL774374	PC Refractor (300w)	AL774285	30w ER Battery (BLD-RM30X1-190H)
AL774290	Alum. Reflector (120w)	AL774286	40w ER Battery (BLD-RM40X1-190H)
AL774271	Alum. Reflector (150w)	AL774372	ER Driver Remote Control (RN1)
AL774257	Alum. Reflector (200w)	AL674262	Microwave Sensor (HB01DMS-A)
AL774283	Alum. Reflector (240w)	AL674263	PIR sensor (HB03DPR-A)
AL774375	Alum. Reflector (300w)	AL774373	PIR Bluetooth Sensor (HB04DPR-A)
AL774366	Wire Guard (120w)	AL674265	Bluetooth Smart Sensor (HB03DMS-A)
AL774367	Wire Guard (150)	AL674264	MS & PIR Remote Control (HB03R)

Notes

- Watts/Lumens Tolerance up to 10%
- LED Chips = Lumiled 2835
- Beam Selectable: 60°/ 90°
- Lumens based on 60°
  60° 4K = 162 lxw 5K = 157 lxw
  90° 4K = 158 lxw 5K = 160 lxw
- ER Driver = Bilda 90 Min
  30w ER Driver = 120w-200w
  40w ER Driver = 240w-300w
- ER battery and sensor can not be used at the same time
- 120,000 hours life @ <Tc 75°C
- Driver = Sosen
- Surge Protection = L/N-PE: 6kV, L-N: 6kV
- Pendant mount for 1/2" threaded conduit
- Hook Size: M10 (tooth distance 1.5mm, length 15-17mm)
- Aluminum Body = >1.5mm thickness
- PC Lens = 2mm thickness
- Paint thickness = 60-120μm
- Security Chain = 1m long
- Sensor Mounting Height:
  Microwave = up to 15m
  PIR = up to 12m
  Bluetooth = up to 12m
- Suitable for 3 Pin Sensor
- Cable Spec:
  Black exterior cable/white, black, and green interior cable, 3*18AWG Φ7.8±1mm SJTW, UL certified, L=1.8M

Packing information

Model	Pieces per box	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG
120w	1	27 x 27 x 15	0.0109	2.4
150w	1	31 x 31 x 15	0.0144	2.7
200w	1	33 x 33 x 15	0.0163	3.2
240w	1	35.5 x 35.5 x 15	0.0189	3.3
300w	1	38 x 38 x 15	0.0216	3.4

Model	Pieces per box	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG
Alum. Reflector 120w	20	47.5 x 47.5 x 42	0.0947	9.2
Alum. Reflector 150w	20	47.5 x 47.5 x 42	0.0947	9.2
Alum. Reflector 200w	20	53 x 53 x 34.5	0.0969	9.7
Alum. Reflector 240w	10	53.5 x 53.5 x 37	0.1059	6.8
Alum. Reflector 300w	10	58 x 58 x 34.5	0.1160	12
PC Refractor 120w	4	34 x 34 x 53	0.0612	3
PC Refractor 150w	10	47.5 x 47.5 x 38.5	0.0868	7.3
PC Refractor 200w	10	48.5 x 48.5 x 81	0.1905	4.69
PC Refractor 200w	10	47.2 x 47.2 x 65	0.1448	7.75
PC Refractor 300w	10	50 x 50 x 45	0.1125	8.5

Model	Pieces per box	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG
Wire Guard 120w	50	25 x 25 x 29	0.0181	4.79
Wire Guard 150w	50	27.5 x 27.5 x 29	0.0219	5.45
Wire Guard 200w	50	31 x 31 x 29	0.0278	6.29
Wire Guard 240w	50	32 x 32 x 29	0.0296	7.57
Wire Guard 300w	50	36 x 36 x 29	0.0375	10
Yoke	20	50 x 26 x 35	0.0455	11
30w ER Driver	4	61 x 36 x 24.5	0.0538	12
40w ER Driver	4	61 x 36 x 24.5	0.0538	13.5

americanlite®

Product Information

Titan DXC™

120w/150w/200w/240w /300w
Power & CCT Selectable
Power Select / Single CCT

CERTIFIED | DLC LISTED | NSF | RoHS | tuya | Bluetooth | Wet Location | IP66 | IK08 | LM80 | Class I | Lumens Up to 171 lxw | CCT 4K-57K | CCT Selectable | Power Selectable | VOLTS 120-277 | PF ≥90 | THD ≤20% | CRI >80 | UGR <28 | SDCM <6 | 90° Beam Angle | Dim 0 -10V | 6kV Surge Protection | 120,000 | -40°C~50°C | 7 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. Typical light fixtures will need to be well sealed and corrosion resistant. They might need to be able to withstand higher ambient temperatures.

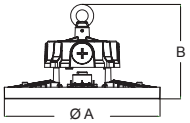
The Titan DXC™ luminaire takes high-bay lighting to new levels of lumen output and temperature tolerance by marrying the latest in LED technology and optics design. But that's not all, Americanlite® innovative selectable feature incorporates Power and CCT adjustment. Each model Includes different power levels and color temperature choices, providing the flexibility you need, at lower costs; Single Power/Single CCT available for tight budget projects as well.

Titan DXC™ features a pure aluminum heat sink housing to maximize heat dissipation and extend the life of the luminaire by maximizing contact with the LEDs (Lumileds® 2835). A PC optical enclosure (IP66 rated) protects the LEDS from dust and other air containments. Beam angle 90° as standard.

The Titan DXC™ gives you more. Its UL 0-10v driver feature, with a 6KV surge protection built in, allows continuous dimming driver, providing additional energy savings when utilizing sensors. The Sensor socket base comes standard, making even easier to use a Smart Motion Sensor, a Microwave or PIR Motion Sensor. Emergency driver, Aluminum reflector and PC refractors are great ad on options.

The Titan DXC™ is designed to efficiently light any large interior space such as heavy industrial settings, machining, foundries, automotive, packaging, cold storage, convention centers,arenas & natatoriums. Well-sealed design works well for food processing applications.

Dimensions (mm)



Model	A	B
120w	240 ± 3mm	146 ± 5mm
150w	270 ± 3mm	146 ± 5mm
200w	300 ± 3mm	146 ± 5mm
240w	320 ± 3mm	146 ± 5mm
300w	350 ± 3mm	148 ± 5mm

Ordering information

Power & CCT Select

Item	Power	4000K	5000K	Item	Power	4000K	5000K
AL774377	120w	18840	17760	AL774352	200w	31200	29600
	80w	13680	12960		150w	25050	23700
	60w	10260	10020		120w	20040	19440
AL774378	120w	18840	17760	AL774353	240w	36960	35040
	100w	16200	15800		200w	32400	30800
	60w	10260	10020		150w	25050	24300
AL774350	120w	18840	17760	AL774379	300w	47400	45000
	100w	16200	15800		240w	40080	37920
	80w	13680	12960		200w	33400	32400
AL774351	150w	23100	21750				
	120w	19440	18480				
	100w	16700	15800				

Options
- **N** NSF Certification
- **SC** Security Chain
- **48** 277-480V

Item	Power	4000K	5000K	6500K
AL774383	200w	29400	31000	29000
	150w	22500	24450	21750
	100w	15500	16500	15200

Options
- **SC** Security Chain
- **48** 277-480V

Power Select / Single CCT

Model	Power	Lumens
AL774380	120w/80w/60w	17760/12640/10020
AL774381	120w/100w/60w	17760/15400/10020
AL774354	120w/100w/80w	17660/15400/12640
AL774355	150w/120w/100w	21750/18480/15800
AL774356	200w/150w/120w	29600/23700/19440
AL774357	240w/200w/150w	34800/31600/24300
AL774382	300w/240w/200w	45600/37920/32400

CCT
- **Blank** 5000K
- **5** 5700K
- **4** 4000K

Options
- **SC** Security Chain
- **48** 277-480V

Accessories

AL774288	PC Refractor (120w)
AL774280	PC Refractor (150w)
AL774296	PC Refractor (200w)
AL774281	PC Refractor (240w)
AL774374	PC Refractor (300w)
AL774290	Alum. Reflector (120w)
AL774271	Alum. Reflector (150w)
AL774257	Alum. Reflector (200w)
AL774283	Alum. Reflector (240w)
AL774375	Alum. Reflector (300w)
AL774366	Wire Guard (120w)
AL774367	Wire Guard (150)
AL774368	Wire Guard (200w)
AL774369	Wire Guard (240w)
AL774376	Wire Guard (300w)
AL774284	Yoke mounting (120w-300w)
AL774370	30w ER Battery (BLD-EM30X-YYY)
AL774371	40w ER Battery (BLD-EM40X-YYY)
AL774372	ER Driver Remote Control (HB28EMRC)
AL674262	Microwave Sensor (HB01DMS-A)
AL674263	PIR Sensor (HB03DPR-A)
AL774373	PIR Bluetooth Sensor (HB04DPR-A)
AL674264	MS & PIR Remote Control (HB03R)
AL674265	Bluetooth Smart Sensor (HB03DMS-A)

Notes

- Watts/Lumens Tolerance up to10%
- Efficacy Tolerance up to 3%
- LED Chips = Lumiled 2835

- Lumens Single CCT Lumens based on 5000K 4K-57K = up to 167 lxw
- Lumens CCT Select 4K = up to 171 lxw 5K = up to 167 lxw

- ER Driver = 90 Min 30w ER Driver = 120w-200w 40w ER Driver = 240w-300w
- ER battery and sensor can not be used at the same time

- 120,000 hours life @ <Tc 75°C
- Driver = Sosen
- Surge Protection = L/N-PE: 6kV, L-N: 6kV
- Pendant mount for 1/2" threaded conduit
- Hook Size: M10 (tooth distance 1.5mm, length 15-17mm)
- Security Chain = 1m long

- Aluminum Body = 1.2-2.5mm thickness
- PC Lens = 1.5-3.5mm thickness
- Paint thickness = 80-120μm
- Sensor Mounting Height: Microwave = up to 12m PIR = up to 12m Bluetooth = up to 12m
- Suitable for 3 Pin sensor

- Cable Spec: Black exterior cable/ white, black, and green interior cable, 3*18AWG Φ7.8±1mm SJTW, UL certified, L=1.8M

Packing information

Model	Pieces per box	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG
120w	1	27 x 27 x 15	0.0109	2.4
150w	1	31 x 31 x 15	0.0144	2.7
200w	1	33 x 33 x 15	0.0163	3.2
240w	1	35.5 x 35.5 x 15	0.0189	3.3
300w	1	38 x 38 x 15	0.0216	3.4

Model	Pieces per box	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG
Alum. Reflector 120w	20	47.5 x 47.5 x 42	0.0947	9.2
Alum. Reflector 150w	20	47.5 x 47.5 x 42	0.0947	9.2
Alum. Reflector 200w	20	53 x 53 x 34.5	0.0969	9.7
Alum. Reflector 240w	10	53.5 x 53.5 x 37	0.1059	6.8
Alum. Reflector 300w	10	58 x 58 x 34.5	0.1160	12
PC Refractor 120w	4	34 x 34 x 53	0.0612	3
PC Refractor 150w	10	47.5 x 47.5 x 38.5	0.0868	7.3
PC Refractor 200w	10	48.5 x 48.5 x 81	0.1905	4.69
PC Refractor 200w	10	47.2 x 47.2 x 65	0.1448	7.75
PC Refractor 300w	10	50 x 50 x 45	0.1125	8.5

Model	Pieces per box	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG
Wire Guard 120w	50	25 x 25 x 29	0.0181	4.79
Wire Guard 150w	50	27.5 x 27.5 x 29	0.0219	5.45
Wire Guard 200w	50	31 x 31 x 29	0.0278	6.29
Wire Guard 240w	50	32 x 32 x 29	0.0296	7.57
Wire Guard 300w	50	36 x 36 x 29	0.0375	10
Yoke	20	50 x 26 x 35	0.0455	11
30w ER Driver	4	61 x 36 x 24.5	0.0538	12
40w ER Driver	4	61 x 36 x 24.5	0.0538	13.5

09.12.26

americanlite®

Product Information

Titan DXS™

100w/150w/200w/240w/300w /350w

CERTIFIED | DLC LISTED | RoHS | Wet Location | IP66 | IK08 | LM80 | Class I | Lumens Up to 158 lxw | CCT 3K-65K | VOLTS 120-277 | PF ≥90 | 90° Beam Angle | THD ≤20% | CRI >80 | UGR <28 | SDCM <6 | Dim 0 -10V | 6kV Surge Protection | 120,000 | -40°C~50°C | 7 YEAR Warranty

The Americanlite Titan DXS™ Series LED High Bay is engineered to deliver high-efficiency illumination and reliable performance for commercial and industrial environments. Designed with a compact and robust form factor, the Titan DXS™ provides consistent light output and energy savings across a wide range of applications, including warehouses, manufacturing facilities, gymnasiums, and large indoor spaces.

With system efficacy up to 158 lm/W, the Titan DXS™ ensures efficient energy performance while maintaining uniform illumination. The luminaire supports a projected service life of up to 120,000 hours, supported by an optimized thermal management system that preserves long-term lumen maintenance and reliability.

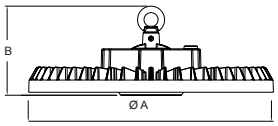
Constructed with a durable die-cast aluminum housing with thickness greater than 1.2 mm and a high-quality polycarbonate lens, the fixture is rated IP66 and IK08, ensuring dependable performance in demanding indoor and semi-industrial environments. A polyester powder-coated finish provides additional resistance to corrosion and environmental wear.

The electrical system incorporates a high-performance Lifud driver with input voltage of 120–277V, power factor ≥0.90, and total harmonic distortion ≤20%, ensuring stable operation. Standard 0–10V dimming allows flexible lighting control, while integrated 6kV surge protection enhances system durability under varying electrical conditions.

The Titan DXS™ utilizes high-efficiency Lumileds 2835 LEDs, delivering stable lumen output with color consistency within ≤6 SDCM and color rendering index >80 CRI. The luminaire also achieves UGR <28, improving visual comfort in working environments.

Designed for installation versatility, the fixture includes a standard hook mount (M10) and supports optional pendant mounting, as well as accessories such as aluminum reflectors, polycarbonate refractors, wire guards, and emergency battery backup options to meet diverse project requirements.

Dimensions (mm)



Model	A	B
100w	275	110
150w	275	110
200w	320	116
240w	320	116
300w	400	120
350w	400	120

Ordering information

Model	Power	Lumens
AL774400	100w	15700
AL774401	150w	23550
AL774402	200w	31400
AL774403	240w	37680
AL774404	300w	47100
AL774405	350w	54950

CCT	
Blank	5000K
65	6500K
6	6000K
57	5700K
4	4000K
3	3000K

Options

SC Security Chain (1 mt)

Accessories

AL774470	Alum. Reflector (100w/150w)
AL774471	Alum. Reflector (200w/240w)
AL774472	Alum. Reflector (300w/350w)
AL774473	PC Refractor (100w/150w)
AL774474	PC Refractorr (200w/240w)
AL774475	PC Refractorr (300w/350w)
AL774476	Wire Guard (100w/150w)
AL774477	Wire Guard (200w/240w)
AL774478	Wire Guard (300w/350w)
AL774479	Yoke mounting (100w-350w)
AL774480	30w ER Battery (BLD-RM30X-YYY)
AL774481	40w ER Battery (BLD-RM40X-YYY)
AL774372	ER Driver Remote Control (RN1)

Notes

- Watts/Lumens Tolerance up to 10%
- LED Chips = Lumiled 2835
- Lumens based on 5000K
  3K = 150 lxw
  4K = 158 lxw
  5K = 157 lxw
  57K = 156 lxw
  6K = 155 lxw
  65K = 153 lxw
- ER Driver = Bilda 90 Min
  30w ER Driver = 100w-200w
  40w ER Driver = 240w-350w
- ER battery and sensor can not be used at the same time
- 120,000 hours life @ <Tc 65°C
- Driver = Lifud
- Surge Protection = L/N-PE: 6kV, L-N: 6kV
- Pendant mount for 1/2" threaded conduit
- Hook Size: M10 (tooth distance 1.5mm, length 15-17mm)
- Aluminum Body = >1.2mm thickness
- PC Lens = 1 - 2.5mm thickness
- Paint thickness = 60-120μm
- Security Chain = 1m long
- Cable Spec:
  Black exterior cable/white, black, and green interior cable, 3*18AWG
  Φ7.8±1mm SJTW, UL certified,
  L=1.8M

Packing information

Model	Pieces per box	Box Dimensions (cm)	CBM (Master)	G.W. (KG)
100w / 150w	1	29.5 x 29.5 x 10	0.0087	2
200w / 240w	1	34 x 34 x 11	0.0127	3.1
300w / 320w	1	42 x 42 x 11.5	0.2028	4.23

Model	Pieces per box	Box Dimensions (cm)	CBM (Master)	G.W. (KG)
Alum. Reflector 100w/150w	10	49 x 49 x 36.5	0.0876	
Alum. Reflector 200w/240w	20	52.5 x 52.5 x 46	0.1267	
Alum. Reflector 300w/350w	10	65 x 65 x 49	0.2070	
PC Refractor 100w/150w	10	46.5 x 46.5 x 37.5	0.0810	
PC Refractor 200w/240w	10	46.2 x 46.2 x 64	0.1366	
PC Refractor 300w/350w	5	53 x 53 x 37	0.1039	

Model	Pieces per box	Box Dimensions (cm)	CBM (Master)	G.W. (KG)
Wire Guard 100w/150w				
Wire Guard 200w/240w	20	33 x 33 x 23	0.0250	
Wire Guard 300w/350w	20	39.5 x 39.5 x 20.5	0.0319	
Yoke	20	49 x 25 x 34	0.0416	
30w ER Driver	4	60 x 35 x 23.5	0.0493	12
40w ER Driver	4	60 x 35 x 23.5	0.0493	13.5

americanlite®

Product Information

Titan TXC™

100w/150w/200w/240w/300w
Power & CCT Selectable
Single Power / Single CCT

UL CERTIFIED | DLC LISTED | NSF | RoHS | tuya | Bluetooth | Wet Location | IP66 | IK08 | LM80 | Class I | Lumens Up to 150 lxw | CCT Selectable | Power Selectable | VOLTS 120-277 | PF ≥90 | THD <20% | CRI >80 | UGR <28 | SDCM <6 | 90° Beam Angle | Dim 0 -10V | 6kV Surge Protection | 120,000 | -40°C~50°C | 5 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. Typical light fixtures will need to be well sealed and corrosion resistant. They might need to be able to withstand higher ambient temperatures.

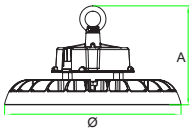
The Titan TXC™ luminaire takes high-bay lighting to new levels of lumen output and temperature tolerance by marrying the latest in LED technology and optics design. But that's not all, Americanlite® innovative selectable feature incorporates Power and CCT adjustment. Each model includes 3 different power levels and 3 color temperature choices, 3500K, 4000K and 5000K. (Single Power and CCT available for tight budget projects) Titan TXC™ gives you the flexibility you need, at lower costs.

Titan TXC™ features a pure aluminum heat sink housing to maximize heat dissipation and extend the life of the luminaire by maximizing contact with the LEDs (Lumileds 2835). A PC optical enclosure (IP66 rated) protects the LEDS from dust and other air containments. Beam angle 90° as standard.

The Titan TXC™ gives you more. Its UL 0-10v driver feature, with a 6KV surge protection built in, allows continuous dimming driver, providing additional energy savings when utilizing sensors. The Sensor socket base comes standard, making even easier to use a Smart Motion Sensor, a Microwave or PIR Motion Sensor. Emergency driver, Aluminum reflector and PC refractors are great ad on options.

The Titan TXC™ is designed to efficiently light any large interior space such as heavy industrial settings, machining, foundries, automotive, packaging, cold storage, convention centers, arenas & natatoriums. Well-sealed design works well for food processing applications.

Dimensions (mm)



Model	Ø	A
100w/150w	276 ± 3mm	155 ± 5mm
200w	310 ± 3mm	156 ± 5mm
240w	310 ± 3mm	164 ± 5mm
300w	350 ± 3mm	180 ± 5mm

Ordering information

Power & CCT Select

Item	Power	3500K	4000K	5000K
AL774260	100w	15000	16000	15500
	80w	12000	12800	12400
	60w	9000	9600	9300
AL774261	150w	22500	24000	23250
	120w	18000	19200	18600
	100w	15000	16000	15500
AL774262	200w	30000	32000	31000
	150w	22500	24000	23250
	120w	18000	19200	18600
AL774263	240w	36000	38400	37200
	200w	30000	32000	31000
	150w	22500	24000	23250
AL774264	300w	45000	48000	46500
	270w	40500	43200	41850
	240w	36000	38400	37200

Single Power / Single CCT

Model	Power	Lumens	CCT	
AL774265	100w	15000	**Blank**	5000K
AL774266	150w	22500	**6**	6500K
AL774267	200w	30000	**5**	5700K
AL774268	240w	36000	**4**	4000K
AL774269	300w	45000	**3**	3000K

Options

N	NSF Certification
SC	Security Chain (1 mt)
48	277-480V

Accessories

AL774280	PC Refractor (100w-240w)
AL774270	PC Refractor (300w)
AL774271	Alum. Reflector (100-240w)
AL774272	Alum. Reflector (300w)
AL774273	Wire Guard (100w-240w)
AL774274	Wire Guard (300w)
AL774284	Yoke mounting (100-300w)
AL674260	30w ER Battery (BLD-RM30D-YYY)
AL674272	40w ER Battery (BLD-RM40D-YYY)
AL674261	ER Driver Remote Control
AL774275	Microwave Sensor (ANT-5-4T-VAL)
AL774276	PIR Sensor (ANT-6-4T-VAL)
AL774277	MS & PIR Remote Control (RC-100)
AL774278	Bluetooth Smart Sensor (ANT-5-4T-BLE)

Notes

- Lumens CCT Select
  3500K = 150 lxw
  4000K = 160 lxw
  5000K = 155 lxw
- Lumens Single CCT
  3000K = 135 lxw
  4000K = 145 lxw
  5000K = 150 lxw
  5700K = 148 lxw
  6500K = 146 lxw
- Watts/Lumens Tolerance = <10%
- Efficacy Tolerance = 3%
- 120,000 hours life @ <Tc 60°C
- Body = Aluminum / Lens = PC
- LED Chips = Lumiled 2835
- Single Power Driver 120-277V = HBE
- Power Select Driver 100w-240w = Sosen
  300w = Fahold
- Driver 277-480V = Fahold
- Surge Protection = L/N-PE: 6kV, L-N: 6kV
- ER Driver = 90 Min, lumen output > 4200
  30w ER Driver = 100w/150w
  40w ER Driver = 200w/240w/300w
- ER battery and sensor can not be used at the same time
- Sensor Mounting Height:
  Microwave = up to 12m
  PIR = up to 12m
  Bluetooth = up to 12m
- Suitable for 1 pin sensor
- Pendant mount for 3/4" threaded conduit
- Hook Size: M10 (tooth distance 1.5mm, length 16-17.5mm)
- Cable Spec:
  Black exterior cable/white, black, and green interior cable, 3*18AWG Φ7.8±1mm SJTW, UL certified, L=1.8M

Packing information

Model	Pieces per box	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG
100w / 150w	1	30.5 x 30.5 x 14.5	0.0134	2.6
200w	1	34 x 34 x 14.5	0.0167	3
240w	1	34 x 34 x 15.5	0.0179	3.2
300w	1	34 x 34 x 16.5	0.0190	4.3

Model	Pieces per box	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG
Alum. 90° Reflector 100w-240w	20	58 x 58 x 39	0.1311	9.7
Alum. 90° Reflector 300w	10	61 x 61 x 36	0.1333	12
PC 90° Refractor 100w-240w	10	47.5 x 47.5 x 38.5	0.0868	7.5
PC 90° Refractor 300w	10	53 x 53 x 51	0.1432	10.9
30w ER Driver	4	61 x 36 x 21	0.0461	13.5
40w ER Driver	4	61 x 42.5 x 24.5	0.0635	14.8

For Wire guards and Yoke Mount, contact factory for packing information

americanlite®

Product Information

Titan RXC™

60w/100w/120w/150w
200w/240w/300w
Power & CCT Selectable
Single Power / Single CCT

UL CERTIFIED | DLC LISTED | NSF | RoHS | tuya | Bluetooth | Wet Location | IP66 | IK08 | LM80 | Class I | Lumens Up to 165 lxw | CCT 3K-57K | CCT Selectable | Power Selectable | VOLTS 120-277 | PF ≥90 | THD ≤20% | CRI >80 | UGR <28 | SDCM <7 | 90° Beam Angle | Dim 0 -10V | 6kV Surge Protection | 100,000 | -40°C~50°C | 5 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. Typical light fixtures will need to be well sealed and corrosion resistant. They might need to be able to withstand higher ambient temperatures.

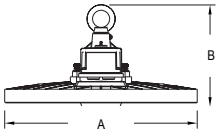
The Titan RXC™ luminaire takes high-bay lighting to new levels of lumen output and temperature tolerance by marrying the latest in LED technology and optics design. But that's not all, Americanlite® innovative selectable feature incorporates Power and CCT adjustment. Each model includes 3 different power levels and 3 color temperature choices, 3000K, 4000K and 5000K or 4000K, 5000K and 6500K (200w/150w,100w). Single Power and Single CCT available for tight budget projects. Titan RXC™ gives you the flexibility you need, at lower costs.

Titan RXC™ features a pure aluminum heat sink housing to maximize heat dissipation and extend the life of the luminaire by maximizing contact with the LEDs (Lumileds 2835). A PC optical enclosure (IP66 rated) protects the LEDS from dust and other air containments. Beam angle 90° as standard.

The Titan RXC™ gives you more. Its UL 0-10v driver feature, with a 6KV surge protection built in, allows continuous dimming driver, providing additional energy savings when utilizing sensors. The Sensor socket base comes standard, making even easier to use a Smart Motion Sensor, a Microwave or PIR Motion Sensor. Emergency driver, Aluminum reflector and PC refractors are great ad on options.

The Titan RXC™ is designed to efficiently light any large interior space such as heavy industrial settings, machining, foundries, automotive, packaging, cold storage, convention centers, arenas & natatoriums. Well-sealed design works well for food processing applications.

Dimensions (mm)



Model	A	B
60w-150w	280 ± 3mm	148 ± 5mm
200w/240w	330 ± 3mm	152 ± 5mm
300w	390 ± 3mm	202 ± 5mm

Ordering information

Power & CCT Select

Item	Power	3000K	4000K	5000K
AL774300	60w	8940	9900	9360
	40w	5960	6600	6240
	30w	4470	4950	4680
AL774301	100w	14900	16500	15600
	80w	11920	13200	12480
	60w	8940	9900	9360
AL774302	120w	17880	19800	18720
	100w	14900	16500	15600
	80w	11900	13200	12480
AL774303	150w	22350	24750	23400
	120w	17880	19800	18720
	100w	14900	16500	15600
AL774304	200w	29800	33000	31200
	180w	26820	29700	28080
	150w	22350	24750	23400
AL774305	240w	35760	39600	37440
	200w	29800	33000	31200
	160w	23840	26400	24960
AL774306	300w	44700	49500	46800
	240w	35760	39600	37440
	200w	29800	33000	31200

Power & CCT Select

Item	Power	4000K	5000K	6500K
AL774323	200w	28600	33000	29400
	150w	21450	24750	22050
	100w	14300	16500	14700

Single Power / Single CCT

Model	Power	Lumens
AL774307	60w	9240
AL774308	100w	15400
AL774309	120w	18480
AL774310	150w	23100
AL774311	200w	30800
AL774312	240w	36960
AL774313	300w	46200

CCT	
Blank	5000K
5	5700K
4	4000K
3	3000K

Options	
N	NSF Certification
SC	Security Chain (1 mt)

Accessories

AL774314	PC Refractor (60w-150w)	AL774284	Yoke mounting (60w-300w)
AL774315	PC Refractor (200w/240w)	AL674260	30w ER Battery (BLD-RM30D-YYY)
AL774320	PC Refractor (300w)	AL674272	40w ER Battery (BLD-RM40D-YYY)
AL774316	Alum. Reflector (60w-150w)	AL674279	60w ER Battery (BLD-RM60D-YYY)
AL774317	Alum. Reflector (200w/240w)	AL674261	ER Driver Remote Control
AL774321	Alum. Reflector (300w)	AL674262	Microwave Sensor (HB01DMS-A)
AL774318	Wire Guard (60w-150w)	AL674263	PIR Sensor (HB03DPR-A)
AL774319	Wire Guard (200w/240w)	AL674264	MS & PIR Remote Control (HB03R)
AL774322	Wire Guard (300w)	AL674265	Bluetooth Smart Sensor (HB03DMS-A)

Notes

- Lumens CCT Select
  3K = 149 lxw
  4K = 165 lxw
  5K = 156 lxw
  4K/5K/65K= NO DLC
  4K = 143 lxw
  5K = 165 lxw
  65K = 147 lxw
- Lumens Single CCT
  3K/4K = 149 lxw
  5K/57K = 154 lxw
- Lumens Based on 5000K
- 60w = NO NSF
- Watts/Lumens Tolerance = <10%
- Efficacy Tolerance = 3%
- Aluminum Body = 1.5-2.3mm thickness
- PC Lens = 2mm thickness
- Paint thickness = 70-150μm
- LED Chips = Lumiled 2835
- 100,000 hours life @ <Tc 60°C
- Driver = HBE
- Surge Protection = L/N-PE: 6kV, L-N: 6kV
- ER Driver = 90 Min
  30w ER Driver = 60w-150w
  40w ER Driver = 200w-240w
  60w ER Driver = 300w
- ER battery and sensor can not be used at the same time
- Sensor Mounting Height:
  Microwave = up to 12m
  PIR = up to 12m
  Bluetooth = up to 12m
- Suitable for 3 pin sensor
- Pendant mount for 3/4" threaded conduit
- Hook Size: M10 (tooth distance 1.5mm, length 16-17.5mm)
- Cable Spec:
  Black exterior cable/white, black, and green interior cable, 3*18AWG Φ7.8±1mm SJTW,UL certified□L=1M

Packing information

Model	Pieces per box	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG
60w-150w	1	34 x 34 x 16	0.0184	2.5
200w/240w	1	40 x 40 x 17	0.0272	3.4
300w	1	46 x 46 x 18.5	0.0391	5.2

Model	Pieces per box	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG
PC Refractor (60w-150w)	10	47.5 x 47.5 x 38.5	0.0868	17.6
PC Refractor (200w/240w)	10	47.2 x 47.2 x 65	0.1448	19.5
PC Refractor (300w)	5	54 x 54 x 48.5	0.1414	6.5
Alum. Reflector (60w-150w)	20	47.5 x 47.5 x 38.5	0.0868	14
Alum. Reflector (200w/240w)	20	47.5 x 47.5 x 43	0.0970	16
Alum. Reflector (300w)	10	66 x 66 x 51.5	0.2243	16.5
Wire Guard (60w-150w)	20	28.5 x 28.5 x 27	0.0219	3.7
Wire Guard (200w/240w)	20	34 x 34 x 24	0.0277	4.5
Wire Guard (300w)	20	40.5 x 40.5 x 21.5	0.0352	5.8

americanlite®

Product Information

Titan DB2™

100w/150w/200w/250w 300w / 350w

CERTIFIED | DOB Tech | Damp Location | IP54 | IK07 | LM80 | Lumens up to 120 lxw | VOLTS 120-277 | PF ≥.90 | THD ≤20% | CCT 3K-65K | SDCM <6 | CRI >80 | 110° Beam Angle | 4kV Surge Protecion | 50,000 | -40°C~50°C | 3 YEAR Warranty

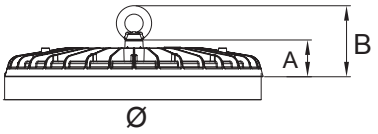
Heavy industry is a broad description of many industries such as paper mills, foundries, casting or welding facilities and many more. One common attribute is that they are difficult environments for light fixtures. Typical light fixtures will need to be well sealed and corrosion resistant. They might need to be able to withstand higher ambient temperatures.

The Titan DB2™ luminaires takes cost effective high bays to new levels of lumen output and temperature tolerance by marrying the latest in LED technology and optics design. The sturdiness of the enclosed and gasketed Titan DB2™ is evident at first glance. The engineering behind the Titan DB2™'s construction, optics, electrical and thermal management systems allow it to thrive in general environments. With a powerful lumen output up to 42,000 lumens, we made sure Titan DB2™ luminaire will cover the needs of every project with thigh budgets.

Titan DB2™ features a pure aluminum alloy heat sink housing to maximize heat dissipation and extend the life of the luminaire by maximizing operation with Lumileds 2835 Led chips. A PC optical enclosure, Beam angle 110° @ IP54 rated protects the optics from dust and other air containments. 4KV surge protection built in, adds an extra layer of protection for your day-by-day operations.

The Titan DB2™ is designed to efficiently light any large interior space such as heavy industrial settings, machining, foundries, automotive, packaging, convention centers, arenas & natatoriums.

Dimensions (mm)



Model	Ø	A	B
100w-150w	260 ± 3mm	37 ±3mm	72 ±3mm
200w	290 ± 3mm	40 ±3mm	75 ±3mm
250w	320 ± 3mm	45 ±3mm	80 ±3mm
300w	350 ± 3mm	48 ±3mm	83 ±3mm
350w	380 ± 3mm	50 ±3mm	85 ±3mm

Ordering information

Model	Power	Lumens
AL774360	100w	12000
AL774361	150w	18000
AL774362	200w	24000
AL774363	250w	30000
AL774364	300w	36000
AL774365	350w	42000

CCT	
Blank	5000K
6	6500K
5	5700K
4	4000K
3	3000K

Bracket	
AL774255	Yoke mounting

Notes

- Lumens based on 5000K
  4000K-6500K = 120 lxw
  3000K = 112 lxw
- LumenTolerance = up to 10%
- LED Chips = Lumileds 2835
- Body = Aluminum Alloy
- Housing Thickeness: 1.2-2.5mm
- Paint Thickeness: 80-120μm
- PC Lens: 1.5-3mm
- Pendant mount for 3/4" threaded conduit
- Hook Size: M10 (tooth distance 1.5mm, length 16- 17.5mm)
- 1' Power cable included
- Surge Protection = L-N:4kV,L/N-PE:4kV
- Salt chamber test: 168 hours
- Cable spec:
  Black exterior cable/white, black, and green interior cable, 3×0.824MM² (18AWG), 300V, SJTW 105°, UL certified, L=0.36M

Packing information

Model	Pieces per box	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG
100w / 150w	1	28 x 28 x 9.8	0.0076	1.4
200w	1	31 x 31 x 10	0.0096	1.7
250w	1	34 x 34 x 10.5	0.0121	2.0
300w	1	37 x 37 x 10.8	0.0147	2.6
350w	1	40 x 40 x 11	0.0176	3.1
Yoke Mount	20	49 x 28 x 36	0.0493	11.5

Warranty

Americanlite® is pleased to provide a 3, 5 or 7 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.