



Product Catalog

LED 照明 燈具 目錄



LEDs Lighting Solutions
Made in Taiwan

2020
2021
SPRING
春季



Alder is a German-Taiwanese joint venture company, combining the state-of-the-art expertise in technological development and industrial design. Since 2003 we have been specializing in SMD, COB LED units and applications. Today, Alder has established its position in the LED lighting market worldwide and aims to be a major supplier of LED Outdoor lighting and Industrial lighting.

Alder has accumulated LED lighting experience over the decade, combining in fields of thermal management, electronics, mechanical and optical design, the four fundamental elements of making excellent LED lighting products.

Alder is professional in LED luminaire research, development, design, manufacturing to achieve excellence in the global market and compliant to meeting worldwide safety standards, including CNS, CE, PSE, ETL and DLC, SAA, and NOM etc.

EST. 2003



ISO 9001:2015



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Explosion-Proof Lamp

New Launching

In Q3 2020



Protection type : d & tb
Zoning : 1 and 21
Electrical spec : 90- 305V
Watt : 120W/150W
Ex d IIB T6 Gb

* Under IECEx/ATEX verification



Electrical Specifications

Power Consumption : 150W
120W
Input Voltage : AC 90-305 V
Frequency : 50/60 Hz
Operation Temp. : -30°C to +50°C
LED Lifetime (L70) : 60,000 hours

High Bay Light

HBL Series

- HBL - 500W
- HBL - 300W
- HBL - 200W
- HBL - 150W
- HBL - 100W / 80W

HBL-300W DLC premium listed

HBL-200W E39/E40 Base

HBL-150W

HBL-100W / 80W
DLC premium listed

HBL-500W DLC premium listed

HBL-200W Custom made silver coating

Excellent performance

Alder High Bay Light saves more than 70% of energy with its high system efficiency up to 156 lm/W. With the features of light-weight, different mounting options and longer time service, it delivers the benefits of less maintenance and more economical solution. Ideal applications are for factories, sport fields, warehouses and distribution centers.



Electrical Specifications

Power Consumption : HBL - 500W
HBL - 300W
HBL - 200W
Input Voltage : AC 90-305 V
Frequency : 50/60 Hz
Operation Temp. : -30°C to +50°C
LED Lifetime (L70) : 60,000 hours

Electrical Specifications

Power Consumption : HBL - 150W
HBL - 100W
HBL - 80W
Input Voltage : AC 90-264 V
Frequency : 50/60 Hz
Operation Temp. : -30°C to +50°C
LED Lifetime (L70) : 60,000 hours

Electrical Specifications

Power Consumption : HBL - 100W
HBL - 80W
Input Voltage : AC 90-305 V
Frequency : 50/60 Hz
Operation Temp. : -30°C to +50°C
LED Lifetime (L70) : 60,000 hours

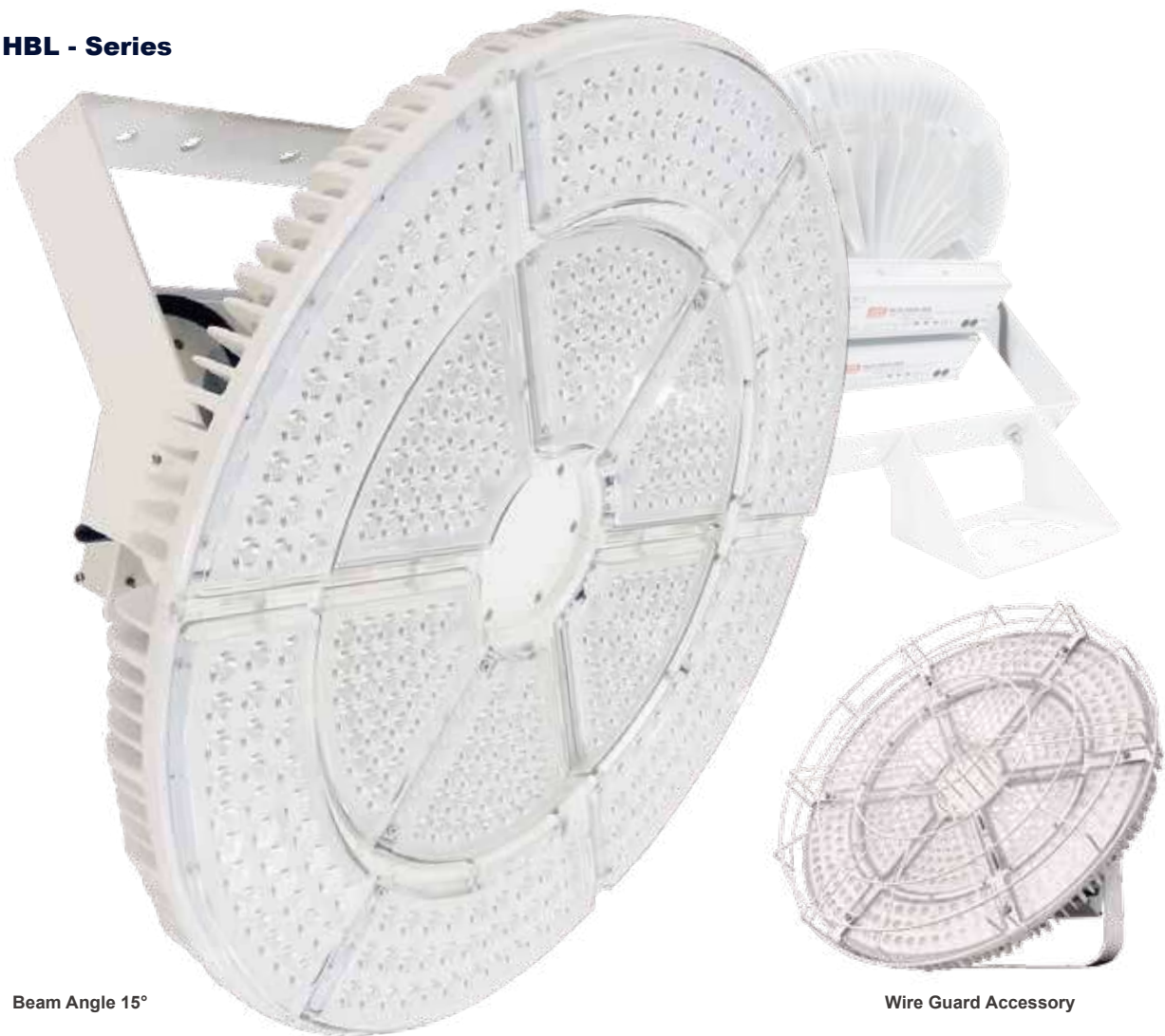




HBL-500W

Alder 500W High Bay Light with excellent thermal management, system efficacy reach 156 lm/W. With the features of light-weight, different mounting options and longer time service, it delivers the benefits of less maintenance and more economical solution. Ideal applications are for factories, sport fields, warehouses and distribution centers.

HBL - Series



Beam Angle 15°

Wire Guard Accessory



Electrical Specifications

Power Consumption : 500W
470W
Input Voltage : AC 90-305 V
Frequency : 50/60 Hz
Operation Temp. : -30°C to +50°C
LED Lifetime (L70) : 60,000 hours



Optional Wire Guard

High-Efficacy Luminaire

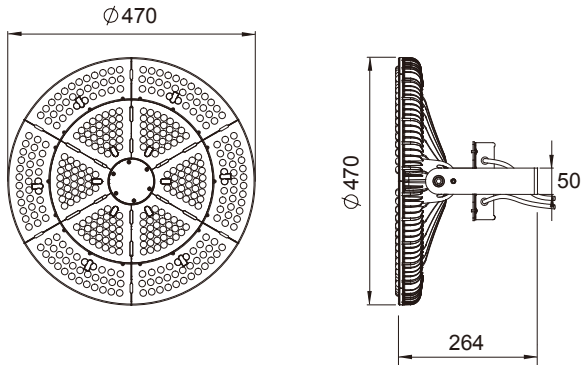
- Housing made of die-cast aluminum magnesium
- Perfect resistant coating
- Rotatable bracket made of stainless steel
- 3/4 inch NPT pendant mount available for market
- System efficacy up to 156 lm/W (Ra > 70)
- Dimmable 1-10V optional
- DLC Premium listed



Dimensions [Unit : mm]

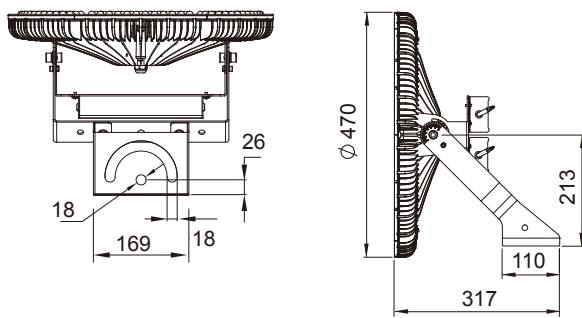
STR

Weight : 10 Kg



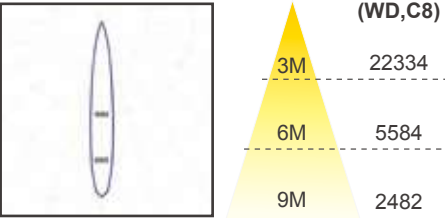
SPO

Weight : 10.5 Kg

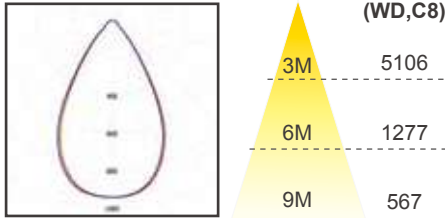


Photometry [Figures are shown in steady stage]

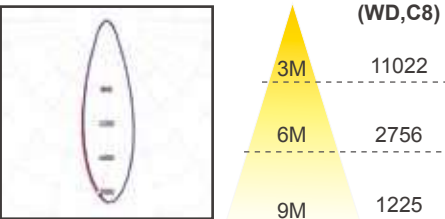
Beam Angle 15°



Beam Angle 60°



Beam Angle 30°



Ordering data

Product Name	Wattage (W)	CCT (K)	Beam Angle (°)	CRI	Light Output Steady Stage (lm)	Light Output Cold Stage (lm)
HBL-500S-T-cyyy-Z2WD15C7	500	5000	15	>70	62000	68900
HBL-500S-T-cyyy-T6WD30C7	500	5000	30	>70	70000	77800
HBL-500S-T-cyyy-T6WD60C7	500	5000	60	>70	70000	77800
HBL-500S-T-cyyy-Z2WD15C8	500	5000	15	>80	57900	64300
HBL-500S-T-cyyy-T6WD30C8	500	5000	30	>80	65400	72700
HBL-500S-T-cyyy-T6WD60C8	500	5000	60	>80	65400	72700
HBL-500S-T(D)-cyyy-Z2WD15C7	470	5000	15	>70	55200	61300
HBL-500S-T(D)-cyyy-T6WD30C7	470	5000	30	>70	64000	71200
HBL-500S-T(D)-cyyy-T6WD60C7	470	5000	60	>70	64000	71200
HBL-500S-T(D)-cyyy-Z2WD15C8	470	5000	15	>80	53200	59100
HBL-500S-T(D)-cyyy-T6WD30C8	470	5000	30	>80	61700	68600
HBL-500S-T(D)-cyyy-T6WD60C8	470	5000	60	>80	61700	68600
HBL-500S-T-cSTR-T6WD30C7	470	5000	30	>70	64000	71200
HBL-500S-T-cSTR-T6WD60C7	470	5000	60	>70	64000	71200

* □ Other CCT options : 3000K, 4000K, 6500K. * ■ Other CCT options : 4000K. * Dimmable 1-10V optional.

All technical data are subject to change without notification.

HBL-3000W

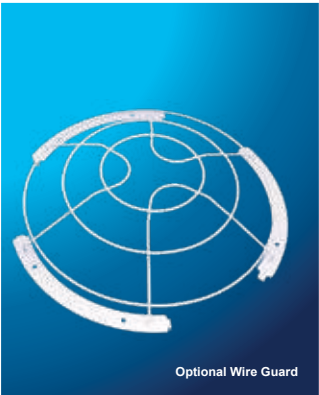
Alder High Bay Light saves more than 70% of energy with its high system efficiency up to 153 lm/W. With the features of light-weight, different mounting options and longer time service, it delivers the benefits of less maintenance and more economical solution. Ideal applications are for factories, sport fields, warehouses and distribution centers.

HBL - Series



Electrical Specifications

Power Consumption : 300W
Input Voltage : AC 90-305 V
Frequency : 50/60 Hz
Operation Temp. : -30°C to +50°C
LED Lifetime (L70) : 60,000 hours

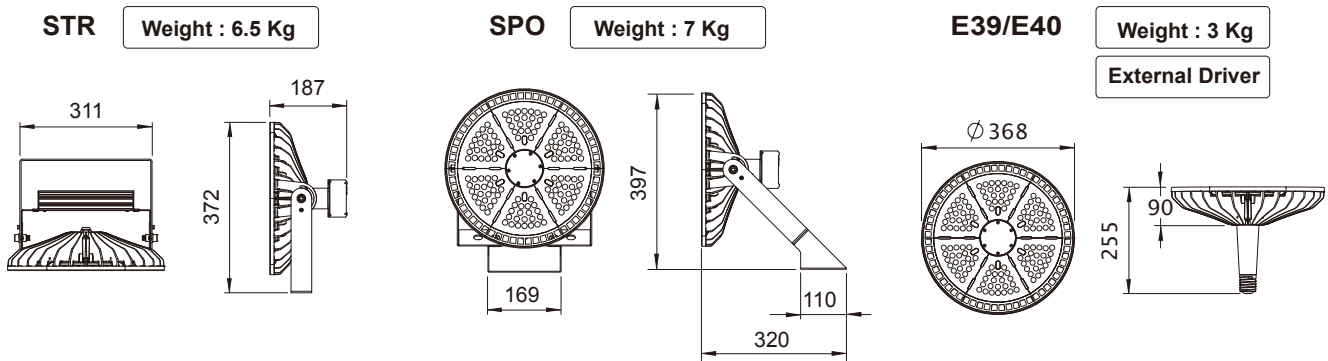


High-Efficacy Luminaire

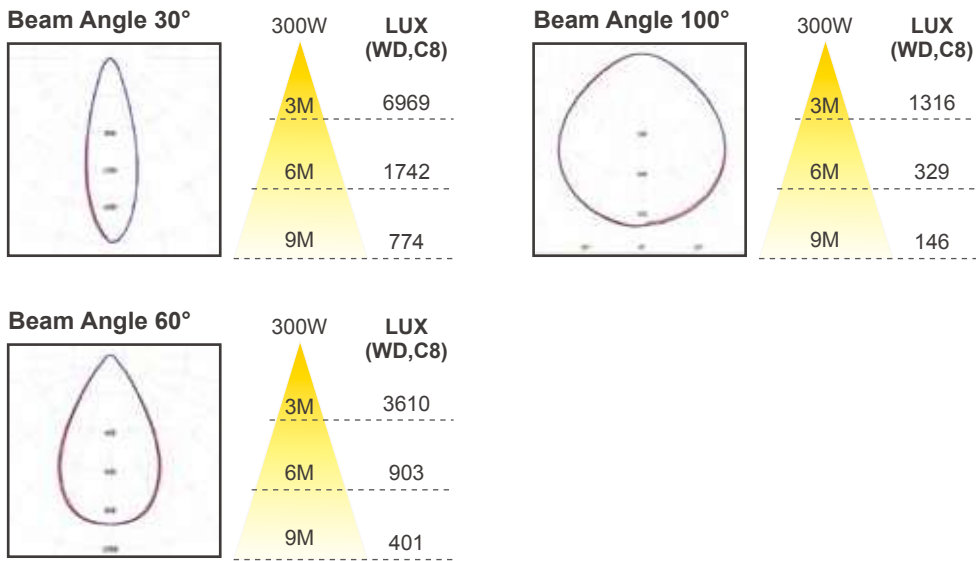
- Slim profile design, easy for installation
- Perfect resistant coating
- Rotatable bracket made of stainless steel
- System efficacy up to 153 lm/W (Ra > 70)
- Emergency kit and motion sensor available
- Dimmable 1-10V optional
- DLC Premium listed



Dimensions [Unit : mm]



Photometry [Figures are shown in steady stage]



Ordering data

Product Name	Lens Option	CCT (K)	Beam Angle (°)	CRI	Light Output Steady Stage (lm)	Light Output Cold Stage (lm)
HBL-300S-T(D)-yyyy-T6WD30C7	Clear	5000	30	>70	41600	46200
HBL-300S-T(D)-yyyy-T6WD60C7	Clear	5000	60	>70	41600	46200
HBL-300S-T(D)-yyyy-T6WDA0C7	Clear	5000	100	>70	40800	45300
HBL-300S-T(D)-yyyy-T6WDA0C8	Frosted	5000	100	>70	32700	36300
HBL-300S-T(D)-yyyy-T6WD30C8	Clear	5000	30	>80	39000	43300
HBL-300S-T(D)-yyyy-T6WD60C8	Clear	5000	60	>80	39000	43300
HBL-300S-T(D)-yyyy-T6WDA0C8	Clear	5000	100	>80	38200	42400
HBL-300S-T(D)-yyyy-T6WDA0C8	Frosted	5000	100	>80	30600	34000
HBL-300S-TD-cSTR-T6WD60C7	Clear	5000	60	>70	41600	46200
HBL-300S-TD-cSTR-T6WDA0C7	Clear	5000	100	>70	40800	45300
HBL-300S-TD-cSTR-T6WD30C8	Clear	5000	30	>80	39000	43300
HBL-300S-TD-cSTR-T6WD60C8	Clear	5000	60	>80	39000	43300
HBL-300S-TD-cSTR-T6WDA0C8	Clear	5000	100	>80	38200	42400

* [] Other CCT options : 3000K, 4000K, 6500K. * [] Other CCT options : 4000K. * [] DLC Premium listed, CCT 5000K only. * Dimmable 1-10V optional.

All technical data are subject to change without notification.

HBL-200W

Alder High Bay Light saves more than 70% of energy with its high system efficiency up to 157 lm/W. With the features of light-weight, different mounting options and longer time service, it delivers the benefits of less maintenance and more economical solution. Ideal applications are for factories, sport fields, warehouses and distribution centers.

HBL - Series



Electrical Specifications

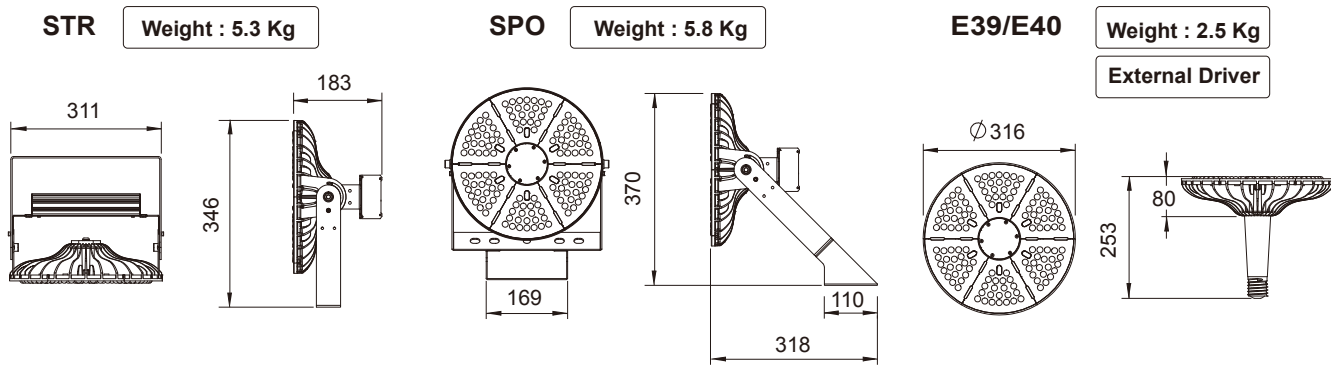
Power Consumption : 200W
Input Voltage : AC 90-305 V
Frequency : 50/60 Hz
Operation Temp. : -30°C to +50°C
LED Lifetime (L70) : 60,000 hours

High-Efficacy Luminaire

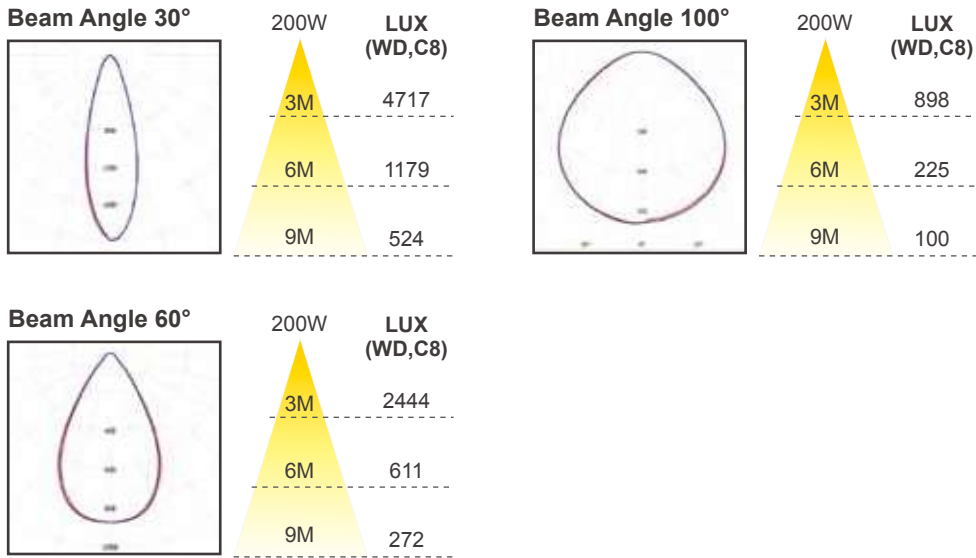
- Slim profile design, easy for installation
- Perfect resistant coating
- Rotatable bracket made of stainless steel
- System efficacy up to 157 lm/W (Ra > 70)
- Emergency kit and motion sensor available
- Dimmable 1-10V optional



Dimensions [Unit : mm]



Photometry [Figures are shown in steady stage]



Ordering data

Product Name	Lens Option	CCT (K)	Beam Angle (°)	CRI	Light Output Steady Stage (lm)	Light Output Cold Stage (lm)
HBL-200S-T(D)-yyyy-T6WD30C7	Clear	5000	30	>70	28200	31300
HBL-200S-T(D)-yyyy-T6WD60C7	Clear	5000	60	>70	28200	31300
HBL-200S-T(D)-yyyy-T6WDA0C7	Clear	5000	100	>70	26500	29400
HBL-200S-T(D)-yyyy-T6WDA0C7	Frosted	5000	100	>70	21200	23600
HBL-200S-T(D)-yyyy-T6WD30C8	Clear	5000	30	>80	26400	29300
HBL-200S-T(D)-yyyy-T6WD60C8	Clear	5000	60	>80	26400	29300
HBL-200S-T(D)-yyyy-T6WDA0C8	Clear	5000	100	>80	24700	27500
HBL-200S-T(D)-yyyy-T6WDA0C8	Frosted	5000	100	>80	19800	22000
HBL-200S-TD-cSTR-T6WD30C8	Clear	5000	30	>80	26400	29300
HBL-200S-TD-cSTR-T6WD60C8	Clear	5000	60	>80	26400	29300
HBL-200S-TD-cSTR-T6WDA0C8	Clear	5000	100	>80	24700	27500

* □ Other CCT options : 3000K, 4000K, 6500K. * ■ Other CCT options : 4000K. * ■ CCT 5000K only. * Dimmable 1-10V optional.

HBL-150W

Alder High Bay Light saves more than 70% of energy with its high system efficiency up to 156 lm/W. With the features of light-weight, different mounting options and longer time service, it delivers the benefits of less maintenance and more economical solution. Ideal applications are for factories, warehouses, supermarkets, gymnasiums and distribution centers.

HBL - Series



HBL
high bay light

Electrical Specifications

Power Consumption : 150W
Input Voltage : AC 90-264 V
Frequency : 50/60 Hz
Operation Temp. : -30°C to +50°C
LED Lifetime (L70) : 60,000 hours

High-Efficacy Luminaire

- Solid die-cast aluminum housing
- Perfect resistant coating
- Compact design, easy to handle
- Rotatable bracket made of stainless steel
- System efficacy up to 150 lm/W (Ra > 80)
- Emergency kit and motion sensor available



Model Sample

STR bracket



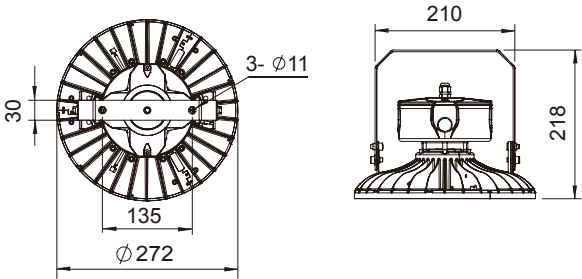
SPO bracket



Dimensions [Unit : mm]

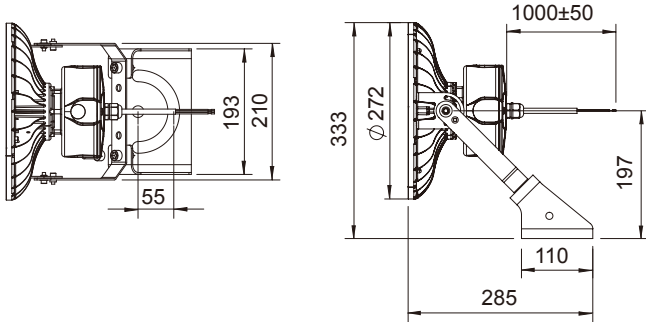
STR

Weight : 2.1 Kg



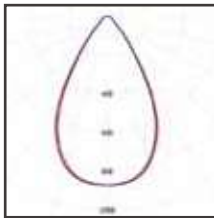
SPO

Weight : 2.8 Kg



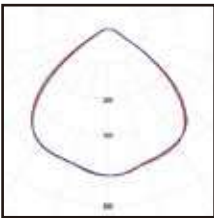
Photometry [Figures are shown in steady stage]

Beam Angle 60°



150W	LUX (WD,C8)
3M	196
6M	491
9M	218

Beam Angle 100°



150W	LUX (WD,C8)
3M	794
6M	199
9M	88

Ordering data

Product Name	Lens Option	CCT (K)	Beam Angle (°)	CRI	Light Output Steady Stage (lm)	Light Output Cold Stage (lm)
HBL-150S-V-cyyy-T6WD60C8	Clear	5000	60	>80	21200	23500
HBL-150S-V-cyyy-T6WDA0C8	Clear	5000	100	>80	20700	23000

* Other CCT options : 3000K, 4000K, 6500K.

HBL-100W

HBL-80W

With high system efficiency up to 148 lm/W, Alder 80W and 100W High Bay Light are ideal for retrofit projects with its high efficacy and less maintenance requirement, the end users can benefit from saving up to 70% of energy than conventional lighting.

HBL - Series



SPO bracket model



Electrical Specifications

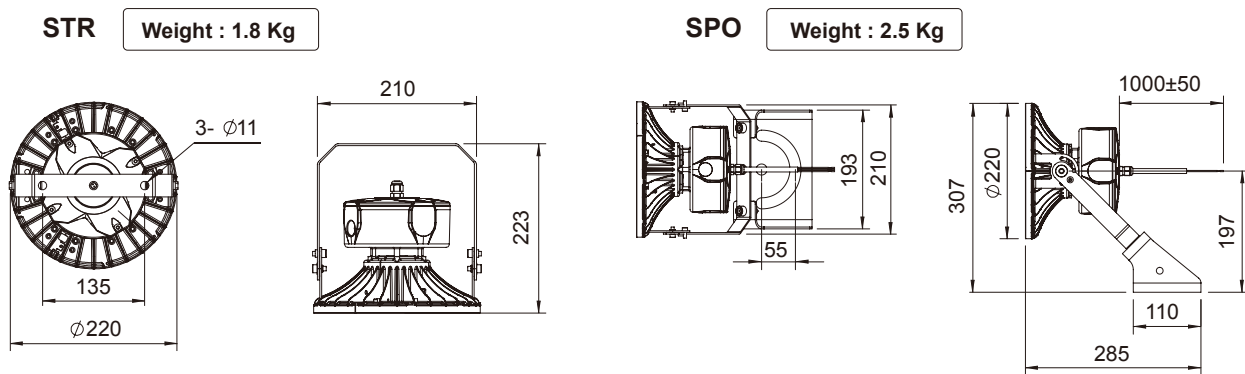
Power Consumption : 100W
80W
Input Voltage : AC 90-264 V
AC 90-305 V
Frequency : 50/60 Hz
Operation Temp. : -30°C to +50°C
LED Lifetime (L70) : 60,000 hours

High-Efficacy Luminaire

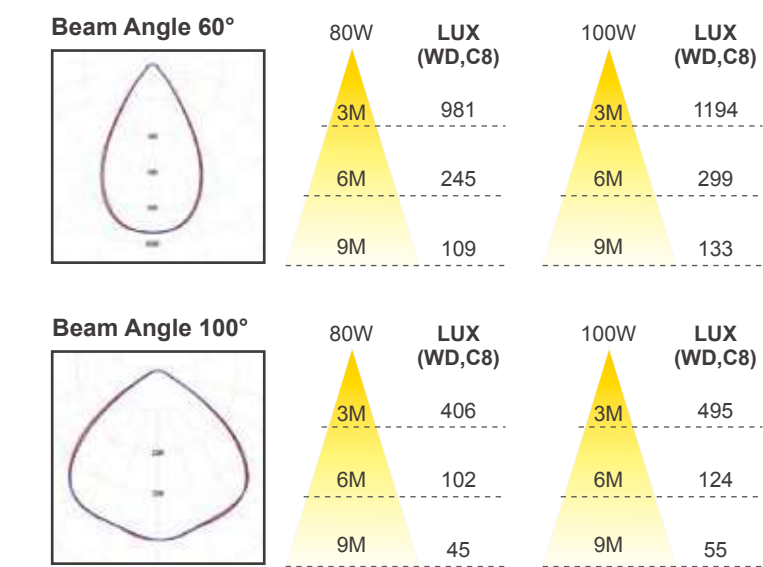
- Solid die-cast aluminum housing
- Perfect resistant coating
- Light weight design, easy to handle
- Rotatable bracket made of stainless steel
- Precision optical distribution
- System efficacy up to 148 lm/W (Ra > 80)
- Dimmable 1-10V optional



Dimensions [Unit : mm]



Photometry [Figures are shown in steady stage]



Ordering data

Product Name	Wattage (W)	CCT (K)	Beam Angle (°)	CRI	Light Output Steady Stage (lm)	Light Output Cold Stage (lm)
HBL-80S-V-cyyy-T6WD60C8	80	5000	60	>80	10600	11800
HBL-80S-V-cyyy-T6WDA0C8	80	5000	100	>80	10600	11800
HBL-100S-V-cyyy-T6WD60C8	100	5000	60	>80	12900	14300
HBL-100S-V-cyyy-T6WDA0C8	100	5000	100	>80	12900	14300
HBL-80S-T(D)-cyyy-T6WD60C8	80	5000	60	>80	10600	11800
HBL-80S-T(D)-cyyy-T6WDA0C8	80	5000	100	>80	10600	11800
HBL-100S-T(D)-cyyy-T6WD60C8	100	5000	60	>80	12900	14300
HBL-100S-T(D)-cyyy-T6WDA0C8	100	5000	100	>80	12900	14300
HBL-80S-TD-cSTR-T6WD60C8	80	5000	60	>80	10600	11800
HBL-80S-TD-cSTR-T6WDA0C8	80	5000	100	>80	10600	11800
HBL-100S-TD-cSTR-T6WD60C8	100	5000	60	>80	12900	14300
HBL-100S-TD-cSTR-T6WDA0C8	100	5000	100	>80	12900	14300

* Other CCT options : 3000K, 4000K, 6500K. * Other CCT options : 4000K. * Dimmable 1-10V optional.

All technical data are subject to change without notification.

High Bay Light

HBLA Series

Performance selection

HBLA - 850W

HBLA - 650W

HBLA - 300W / 200W

HBLA - 150W

HBLA - 100W / 80W

Lite selection

HBLA - 150W / 100W



* Optional Accessories : DG cover

*HBLA Optional Accessories :
Electrical wiring protection

HBLA-650W
with front cap

The exceptional outdoor luminaires

Alder high bay light is a unique retrofit for conventional outdoor luminaires, with its aesthetic and attractive design, it's undoubtedly an eye-catcher also a great image for all applications.



HBLA-100W lite model



HBLA-300W Standard

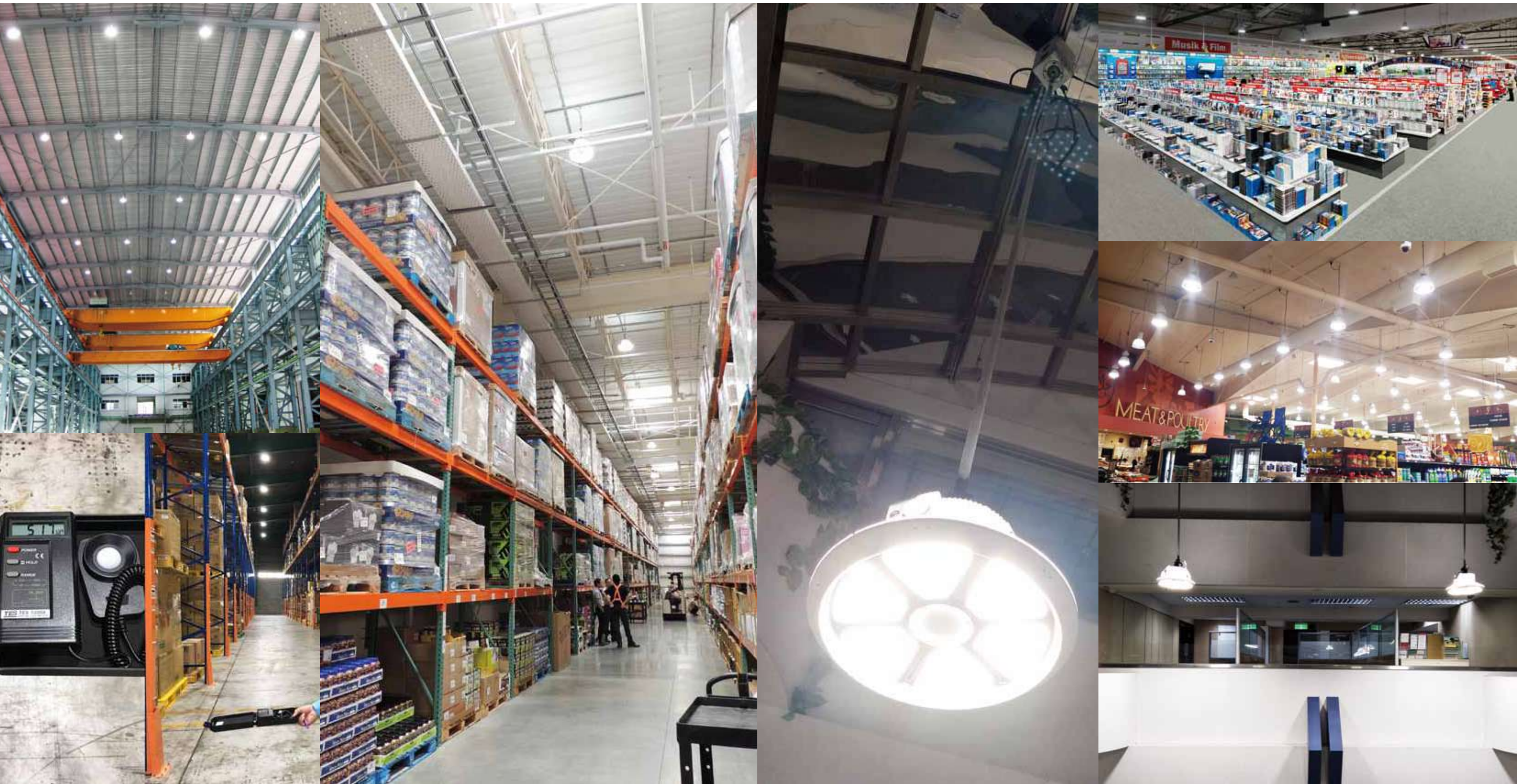


HBLA-850W with front cap









HBLA-850W

Alder High Mast luminaries utilize high brightness LEDs and precision optics to provide superior uniformity of the light beam while using up to 60% less energy and operating for up to 60,000 hours (L70). With its efficacy up to 136 lumens per watt, is ideal to replace 2000W PSMH fixtures in architectural flood / spot light and sports field lighting applications and available in four beam angles (15°, 30°, 60° and 120°).

HBLA - Series



HBLA
high bay light

Sport model
Included front cover & power box

Electrical Specifications

Power Consumption : 850W
AC 200-480 V
Input Voltage : AC 100-277 V
Frequency : 50/60 Hz
Operation Temp. : -30°C to +50°C
LED Lifetime (L70) : 60,000 hours

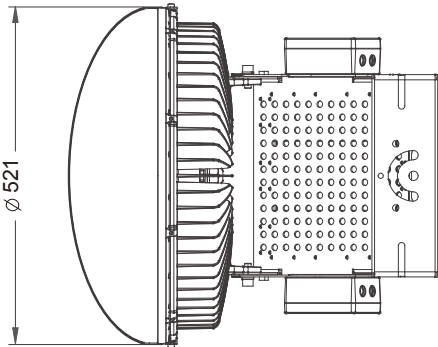
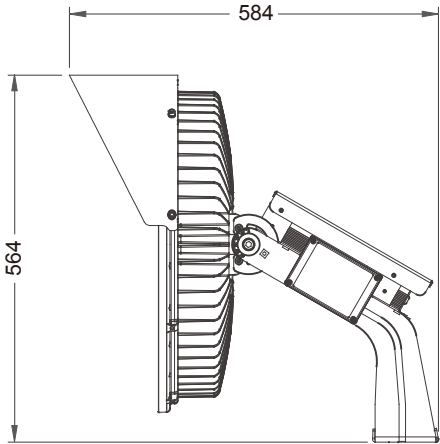
High-Efficacy Luminaire

- Replace up to 2000W metal halide
- Solid die-cast aluminum housing
- Perfect resistant coating
- Strong bracket support
- Electrical wiring protection (optional)
- Precision optical distribution
- System efficacy up to 136 lm/W (Ra > 70)
- Beam angle from 15°-30°-60°-120°



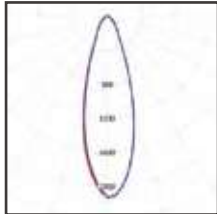
Dimensions [Unit : mm]

STR Weight : 28 Kg



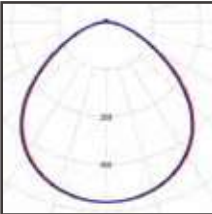
Photometry [Figures are shown in steady stage]

Beam Angle 30°



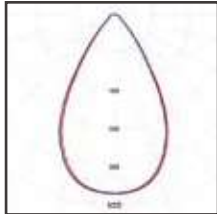
850W	LUX (WD,C7)
3M	22781
6M	5696
9M	2531

Beam Angle 120°



850W	LUX (WD,C7)
3M	2940
6M	735
9M	327

Beam Angle 60°



850W	LUX (WD,C7)
3M	9051
6M	2263
9M	1006

Ordering data

Product Name	CCT (K)	Beam Angle (°)	CRI	Light Output Steady Stage (lm)	Light Output Cold Stage (lm)
HBLA-850K10-XX-cSPO –T6WD30C7	5000	30	>70	100800	112000
HBLA-850K10-XX-cSPO –T6WD60C7	5000	60	>70	104500	116000
HBLA-850K10-XX-cSPO –T6WDA0C7	5000	120	>70	94500	105000

* Other CCT options : 3000K, 4000K, 6500K.

All technical data are subject to change without notification.

HBLA-650W

Alder High Mast luminaries utilize high brightness LEDs and precision optics to provide superior uniformity of the light beam while using up to 60% less energy and operating for up to 60,000 hours (L70). With its efficacy up to 144 lumens per watt, is ideal to replace 1500W PSMH fixtures in architectural flood / spot light and sports field lighting applications and available in four beam angles (15°, 30°, 60° and 100°).

HBLA - Series



Sport model
Included electrical wiring
protection and front cover

HBLA
high bay light



STR bracket
without prower box

Electrical Specifications

Power Consumption : 650W
AC 200-480 V
Input Voltage : AC 100-277 V
Frequency : 50/60 Hz
Operation Temp. : -30°C to +50°C
LED Lifetime (L70) : 60,000 hours

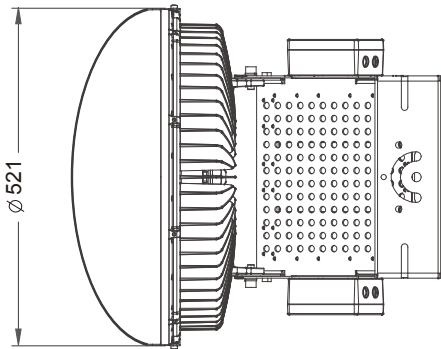
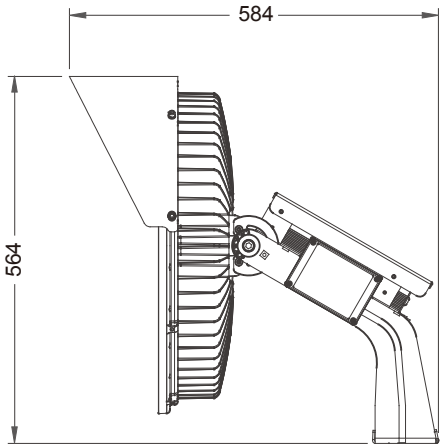
High-Efficacy Luminaire

- Solid die-cast aluminum housing
- Perfect resistant coating
- Strong bracket support
- Electrical wiring protection
- Precision optical distribution
- System efficacy up to 144 lm/W (Ra > 70)
- Beam angle from 15°-30°-60°-100°



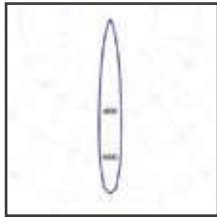
Dimensions [Unit : mm]

STR Weight : 25 Kg



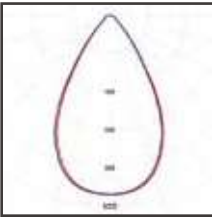
Photometry [Figures are shown in steady stage]

Beam Angle 15°



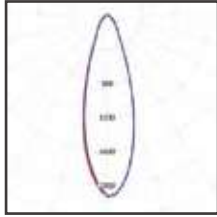
650W	LUX (WD,C7)
3M	34416
6M	8604
9M	3824

Beam Angle 60°



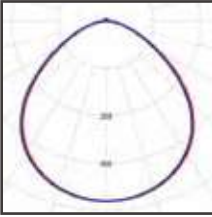
650W	LUX (WD,C7)
3M	5539
6M	1386
9M	616

Beam Angle 30°



650W	LUX (WD,C7)
3M	13939
6M	3486
9M	1550

Beam Angle 120°



650W	LUX (WD,C7)
3M	1798
6M	450
9M	200

Ordering data

Product Name	CCT (K)	Beam Angle (°)	CRI	Light Output Steady Stage (lm)	Light Output Cold Stage (lm)
HBLA-650K10-XX-cSPO –Z2WD15C7	5000	15	>70	72000	79500
HBLA-650K10-XX-cSPO –T6WD30C7	5000	30	>70	89700	98800
HBLA-650K10-XX-cSPO –T6WD60C7	5000	60	>70	92300	101400
HBLA-650K10-XX-cSPO –T6WDA2C7	5000	100	>70	85150	93600

* Other CCT options : 3000K, 4000K, 6500K.

All technical data are subject to change without notification.

HBLA-300W

HBLA-200W

Available from 30, 60, 100 degree beam angles, Alder High Bay Light is designed for high system efficacy at 147 lm/W (cold stage). The aluminum heat sink is beautifully crafted and provided for excellent heat dissipation. The compact unit weighs at 7.5Kg making installation and transportation an ease of breeze.

HBLA - Series



STR Bracket model

HBLA
high bay light



One piece design of heatsink

Electrical Specifications

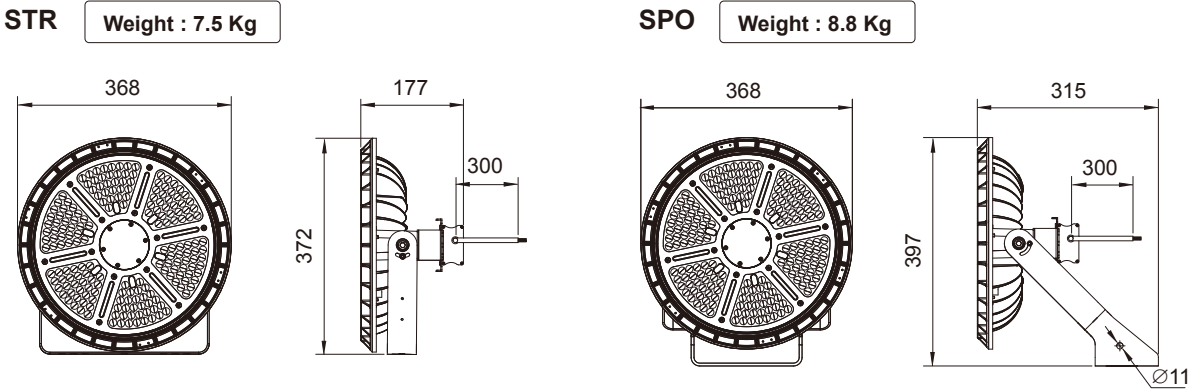
Power Consumption : 300W
200W
Input Voltage : AC 99-305 V
Frequency : 50/60 Hz
Operation Temp. : -30°C to +50°C
LED Lifetime (L70) : 60,000 hours

High-Efficacy Luminaire

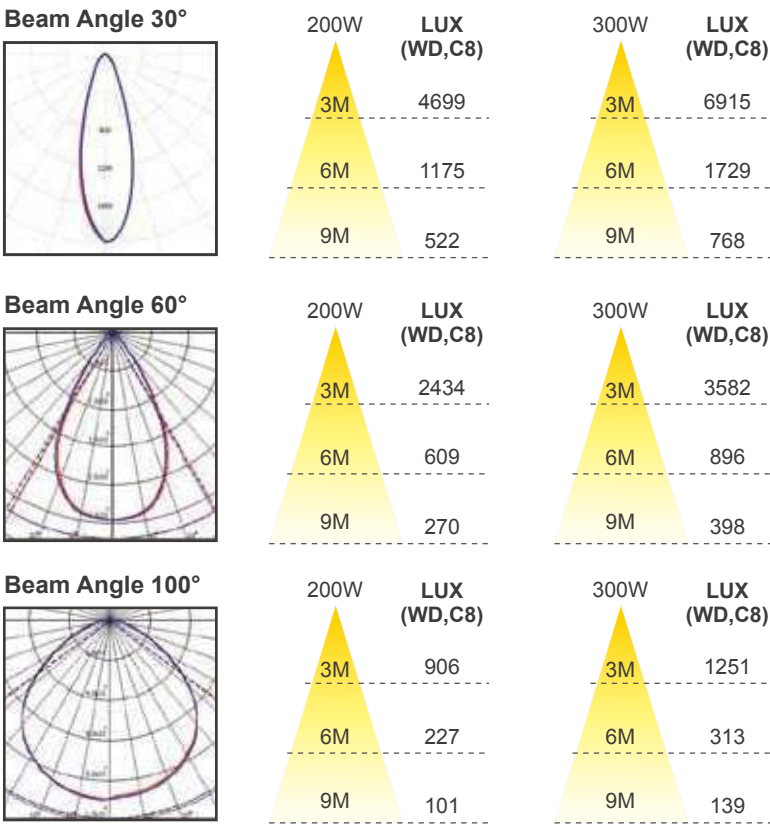
- Solid die-cast aluminum housing
- Perfect resistant coating
- Bracket made of stainless steel
- Precision optical distribution
- System efficacy up to 147 lm/W (Ra > 80)
- Dimmable 1-10V optional



Dimensions [Unit : mm]



Photometry [Figures are shown in steady stage]



Ordering data

Product Name	Wattage (W)	CCT (K)	Beam Angle (°)	CRI	Light Output Steady Stage (lm)	Light Output Cold Stage (lm)
HBLA-200K0-HPD-cyyy-T6WD30C8	200	5000	30	>80	26300	29300
HBLA-200K0-HPD-cyyy-T6WD60C8	200	5000	60	>80	26300	29300
HBLA-200K0-HPD-cyyy-T6WDA0C8	200	5000	100	>80	24700	27500
HBLA-300K0-HPD-cyyy-T6WD30C8	300	5000	30	>80	38700	43000
HBLA-300K0-HPD-cyyy-T6WD60C8	300	5000	60	>80	38700	43000
HBLA-300K0-HPD-cyyy-T6WDA0C8	300	5000	100	>80	36300	40300

* Other CCT options : 3000K, 4000K, 6500K.
* Dimmable 1-10V optional.

All technical data are subject to change without notification.

HBLA-150W

Alder High Bay Light is with high system efficiency up to 167 lm/W. It can easily replace most type of conventional high bay lamp fixtures. To meet all possible installation applications, options of rotatable bracket and eye-bolts mounting types are available. The optics are engineered to be highly efficient and able to delivery sufficient and uniform light on the demanding areas. Its brilliant design makes your business bright.

HBLA - Series



STR bracket model with DG cover

HBLA
high bay light

Electrical Specifications

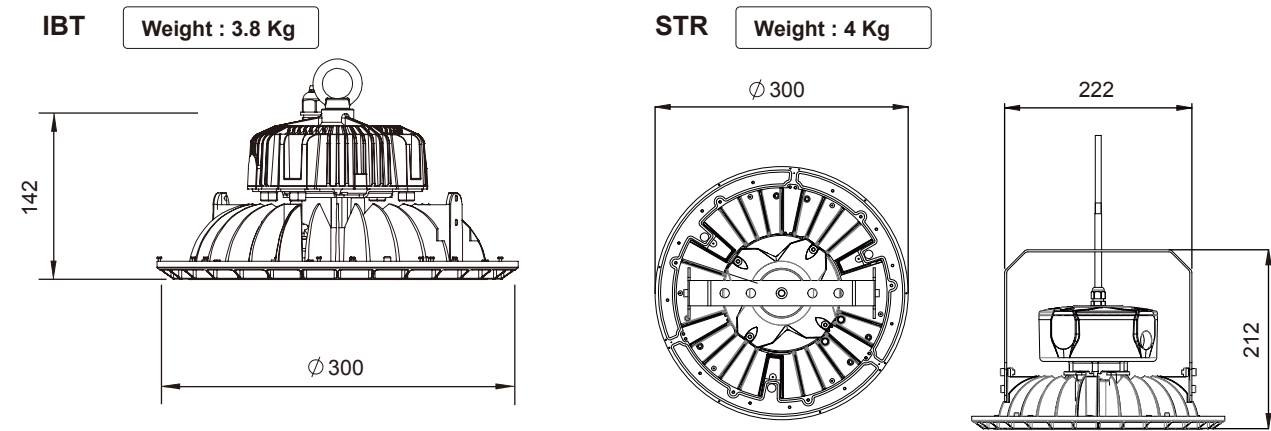
Power Consumption : 150W
Input Voltage : AC 90-305 V
Frequency : 50/60 Hz
Operation Temp. : -30°C to +50°C
LED Lifetime (L70) : 60,000 hours

High-Efficacy Luminaire

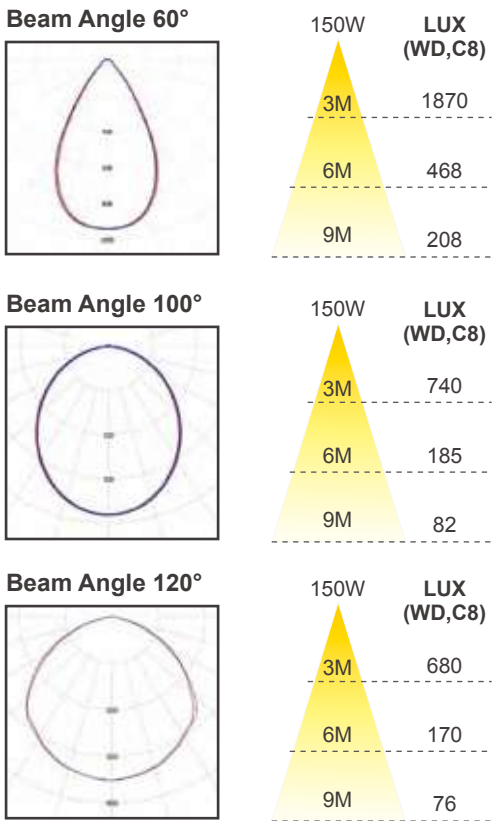
- Solid die-cast aluminum housing
- Eye-bolts mounting, easy to install
- Perfect resistant coating
- Precision optical distribution
- System efficacy up to 167 lm/W (Ra > 80)
- Dimmable 1-10V optional
- DLC Premium listed



Dimensions [Unit : mm]



Photometry [Figures are shown in steady stage]



Ordering data

Product Name	Lens Option	CCT (K)	Beam Angle (°)	CRI	Light Output Steady Stage (lm)	Light Output Cold Stage (lm)
HBLA-150S-RT(D)-cxxxIBT-T6WD60C8	Clear	5000	60	>80	20200	22500
HBLA-150S-RT(D)-cxxxIBT-T6WDA0C8	Clear	5000	100	>80	19300	21500
HBLA-150S-RT(D)-cxxxIBT-O2WDA2C8	Clear	5000	120	>80	22500	25000
HBLA-150S-RT(D)-mxxxIBT-O2WDA2C8	Frosted	5000	120	>80	20700	23000
HBLA-150S-RT-cwhiIBT-O2WDA2C8	Clear	5000	120	>80	22500	25000

* Other CCT options : 3000K, 4000K, 6500K. * DLC Premium listed, CCT 5000K only. * Dimmable 1-10V optional.

HBLA-100W

HBLA - 80W

Alder’s LED High Bay Light is an amazing retrofit for high power lamps. With its light weight and average 148 lm/W system efficacy, it can easily replace most type of conventional high bay lamp fixtures. The optics are engineered to be highly efficient and able to delivery sufficient and uniform light on the demanding areas. Its brilliant design makes your business bright.

HBLA - Series



STR bracket model
Standard

HBLA
high bay light



Beam angle 60° optical lens

Electrical Specifications

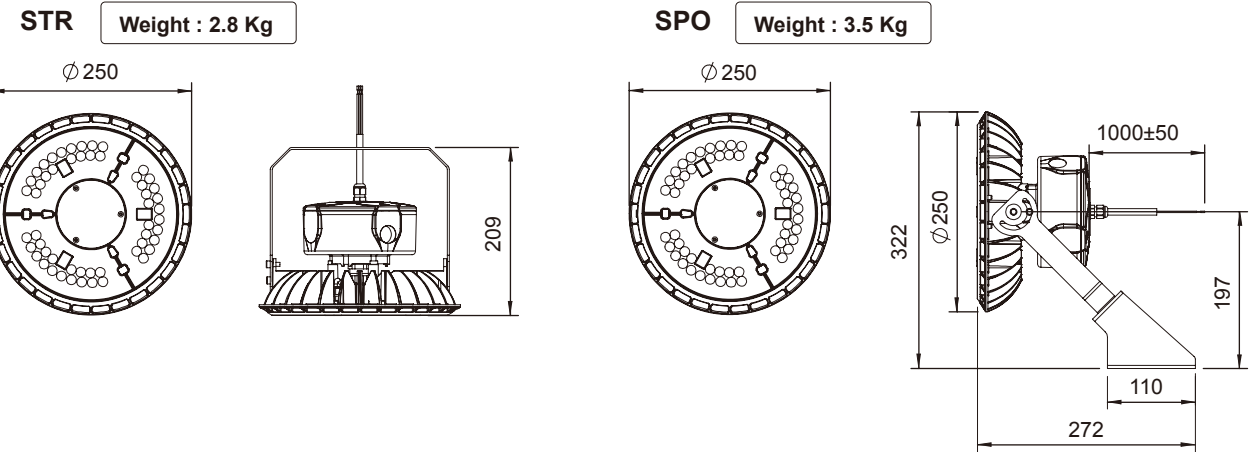
Power Consumption : 100W
80W
Input Voltage : AC 90-305 V
Frequency : 50/60 Hz
Operation Temp. : -30°C to +50°C
LED Lifetime (L70) : 60,000 hours

High-Efficacy Luminaire

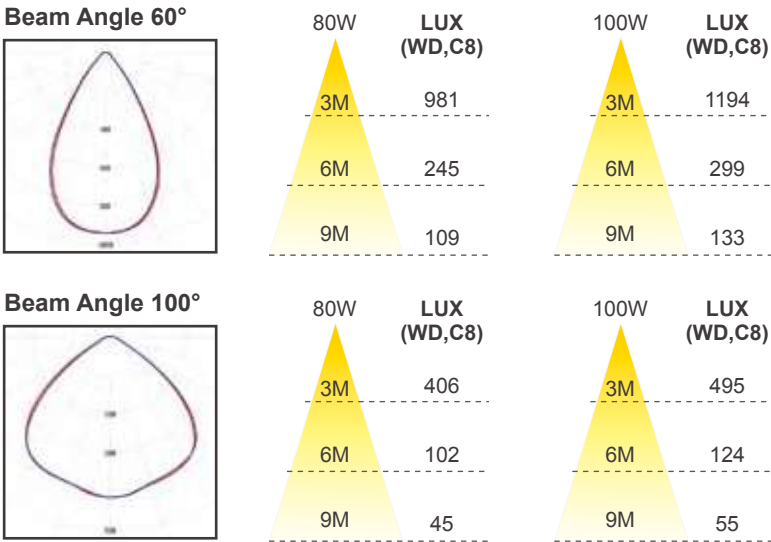
- Solid die-cast aluminum housing
- Perfect resistant coating
- Bracket made of stainless steel
- Precision optical distribution
- System efficacy up to 148 lm/W (Ra > 80)
- Dimmable 1-10V optional



Dimensions [Unit : mm]



Photometry [Figures are shown in steady stage]



Ordering data

Product Name	Wattage (W)	CCT (K)	Beam Angle (°)	CRI	Light Output Steady Stage (lm)	Light Output Cold Stage (lm)
HBLA-80S-T(D)B-cyyy-T6WD60C8	80	5000	60	>80	10600	11800
HBLA-80S-T(D)B-cyyy-T6WDA0C8	80	5000	100	>80	10600	11800
HBLA-100S-T(D)B-cyyy-T6WD60C8	100	5000	60	>80	12900	14300
HBLA-100S-T(D)B-cyyy-T6WDA0C8	100	5000	100	>80	12900	14300

* Other CCT options : 3000K, 4000K, 6500K.
* Dimmable 1-10V optional.

HBLA-150W

With high system efficiency up to 132 lm/W, 150W High Bay Lights are ideal for retrofit projects with its high efficacy and less maintenance requirement, the industrial lighting users can benefit from saving up to 70% of energy than conventional lighting.

HBLA - Series



HBLA
high bay light



STR bracket with DG cover

Electrical Specifications

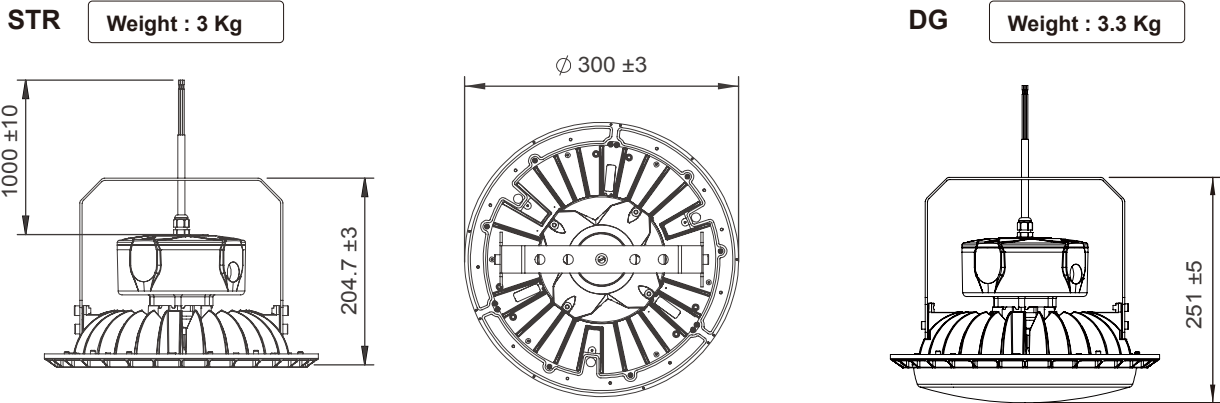
Power Consumption : 150W
Input Voltage : AC 100-240 V
Frequency : 50/60 Hz
Operation Temp. : -30°C to +50°C
LED Lifetime (L70) : 60,000 hours

Economical & Efficacy

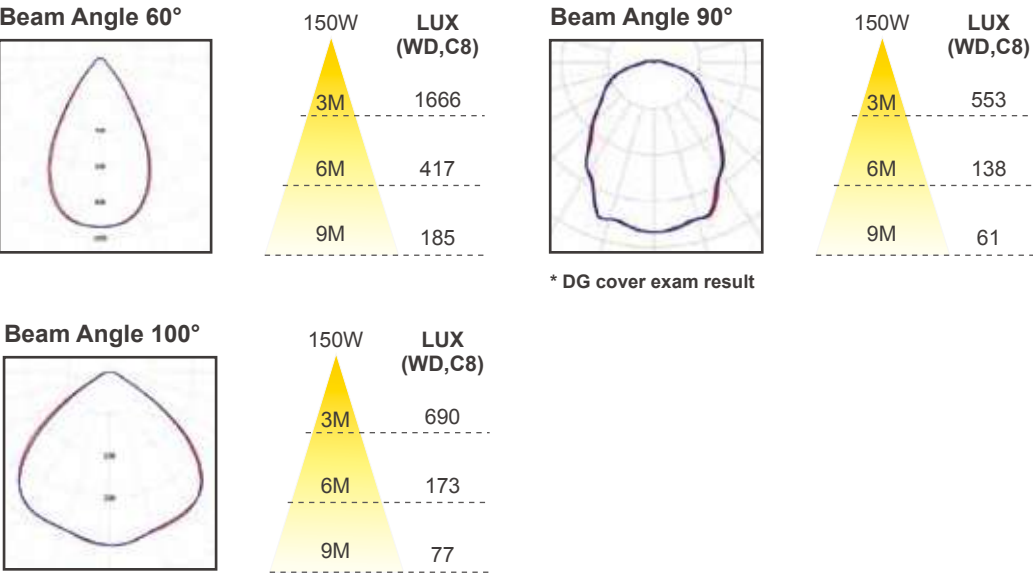
- Solid die-cast aluminum housing
- UV rated powder paint coating
- Precision optical distribution
- System efficacy up to 132 lm/W (Ra > 80)
- IP65 rated for outdoor and indoor applications



Dimensions [Unit : mm]



Photometry [Figures are shown in steady stage]



Ordering data

Product Name	CCT (K)	Beam Angle (°)	CRI	Light Output Steady Stage (lm)	Light Output Cold Stage (lm)
HBLA-150L-VB-cblaSTR-T6WD60C8	5000	60	>80	18000	19800
HBLA-150L-VB-cblaSTR-T6WN60C8	4000	60	>80	18000	19800
HBLA-150L-VB-cblaSTR-T6WDA0C8	5000	100	>80	18000	19800
HBLA-150L-VB-cblaSTR-T6WNA0C8	4000	100	>80	18000	19800
HBLA-150L-VB-DGblaSTR-T6WD90C8	5000	90	>80	17100	19000
HBLA-150L-VB-DGblaSTR-T6WN90C8	4000	90	>80	17100	19000

* Other CCT options : 3000K, 6500K.

All technical data are subject to change without notification.

HBLA-100W

Alder’s 100W high bay comes with 128 lm/W(Cold stage) system efficacy. The aluminum heat sink nicely crafted providing excellent heat dissipation to the light fitting. Ideal for installation height at 5m and up.

HBLA - Series



HBLA
high bay light



STR bracket model

Economical & Efficacy

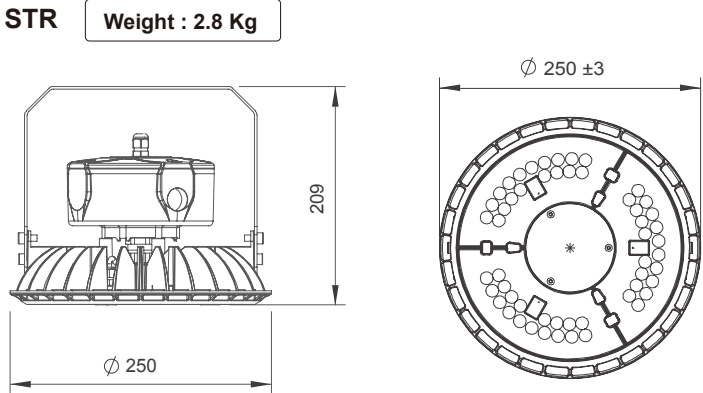
- Solid die-cast aluminum housing
- UV rated powder paint coating
- Precision optical distribution
- System efficacy up to 132 lm/W (Ra > 80)
- IP65 rated for outdoor and indoor applications



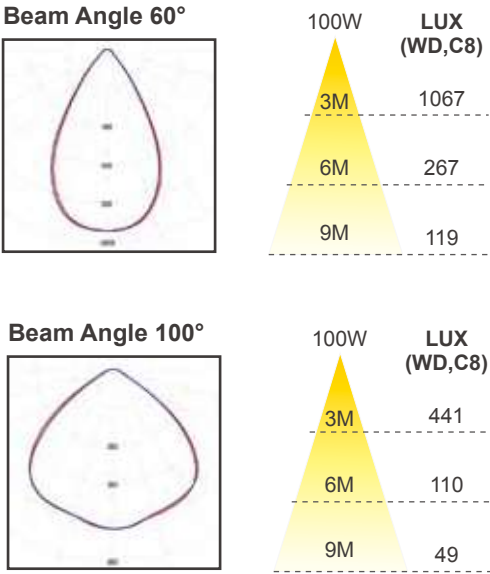
Electrical Specifications

Power Consumption : 100W
Input Voltage : AC 90-264 V
Frequency : 50/60 Hz
Operation Temp. : -30°C to +50°C
LED Lifetime (L70) : 60,000 hours

Dimensions [Unit : mm]



Photometry [Figures are shown in steady stage]



Ordering data

Product Name	CCT (K)	Beam Angle (°)	CRI	Light Output Steady Stage (lm)	Light Output Cold Stage (lm)
HBLA-100L-VB-cblaSTR-T6WD60C8	5000	60	>80	12100	13200
HBLA-100L-VB-cblaSTR-T6WN60C8	4000	60	>80	12100	13200
HBLA-100L-VB-cblaSTR-T6WDA0C8	5000	100	>80	12800	13900
HBLA-100L-VB-cblaSTR-T6WNA0C8	4000	100	>80	12800	13900

* Other CCT options : 3000K, 6500K.

High Bay Light

with uplight

HBLB Series

HBLB-220W
HBLB-170W



HBLB-170W STR module



HBLB-220W Hook module



HBLB-220W STR module

Creating an atmosphere

It is a special design to have 12% of up lighting to make the ceiling brighter and the environment more comfortable especially when the highbay lamp is installing as pendent light. The distinctive design includes two sides of light sources to shine upwards and downwards at the same time with system efficiency up to 149 lm/W. It's providing not only sufficient light on the floor but also creating an atmosphere where brighter ceiling is desired for customers to feel and see.



Electrical Specifications

Power Consumption : HBLB - 220W
Input Voltage : AC 90-305 V
Frequency : 50/60 Hz
Operation Temp. : -30°C to +50°C
LED Lifetime (L70) : 60,000 hours

Electrical Specifications

Power Consumption : HBLB - 170W
Input Voltage : AC 90-264 V
Frequency : 50/60 Hz
Operation Temp. : -30°C to +50°C
LED Lifetime (L70) : 60,000 hours

HBLB-220W

The lamp is a special design to have 12% of up lighting to make the ceiling brighter and the environment more comfortable especially when the highbay lamp is installing as pendent light. The distinctive design includes two sides of light sources to shine upwards and downwards at the same time with system efficiency up to 149 lm/W.

HBLB - Series



STR bracket model



Tempered glass (Optional)

Make the ceiling brighter

- Solid die-cast aluminum housing
- Perfect resistant coating
- HOOK mounting, easy to install
- Illumination ration 12% uplight and 88 % down
- System efficacy up to 149 lm/W (Ra > 70)
- Dimmable 1-10V optional
- Tempered glass available
- DLC Premium listed



Electrical Specifications

Power Consumption : 220W
Input Voltage : AC 90-305 V
Frequency : 50/60 Hz
Operation Temp. : -30°C to +50°C
LED Lifetime (L70) : 60,000 hours

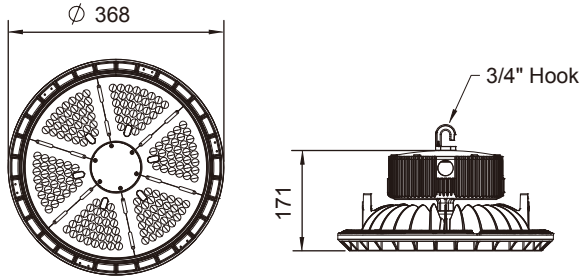
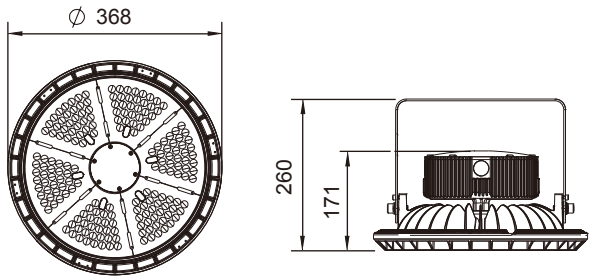
Dimensions [Unit : mm]

STR

Weight : 8 Kg

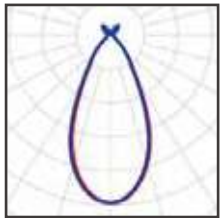
Hook

Weight : 8 Kg



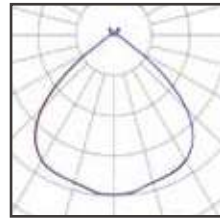
Photometry [Figures are shown in steady stage]

Beam Angle 50°



220W	LUX (WD,C8)
3M	2224
6M	556
9M	247

Beam Angle 100°



220W	LUX (WD,C8)
3M	910
6M	228
9M	101

Ordering data

Product Name	CCT (K)	Beam Angle (°)	CRI	Light Output Steady Stage (lm)	Light Output Cold Stage (lm)
HBLB-220S-RT(D)N-cxxxxyy-T6WD50GC7	5000	50	>70	29400	32700
HBLB-220S-RT(D)N-cxxxxyy-T6WDA0C7	5000	100	>70	26400	29400
HBLB-220S-RT(D)N-cxxxxyy-T6WD50GC8	5000	50	>80	25600	28500
HBLB-220S-RT(D)N-cxxxxyy-T6WDA0C8	5000	100	>80	24900	27700
HBLB-220S-RTDN-cwhiHOK-T6WD50GC7	5000	50	>70	29400	32700
HBLB-220S-RTDN-cwhiHOK-T6WDA0C7	5000	100	>70	26400	29400

* ☐ Other CCT options : 3000K, 4000K, 6500K. * ☒ Other CCT options : 4000K. * Dimmable 1-10V optional.

HBLB-170W

Alder LED High Bay with Uplight is designed to deliver an intentional light above and below the fixture. The distinctive design includes two sides of light sources to shine upwards and downwards at the same time with system efficiency 142 lm/W. This feature takes Alder high bay light to the next level, providing not only sufficient light on the floor but also creating an atmosphere where brighter ceiling is desired for customers to feel and see.

HBLB - Series



HBLB
high bay light



STR bracket model

Electrical Specifications

Power Consumption : 170W
Input Voltage : AC 100-264 V
Frequency : 50/60 Hz
Operation Temp. : -30°C to +50°C
LED Lifetime (L70) : 60,000 hours

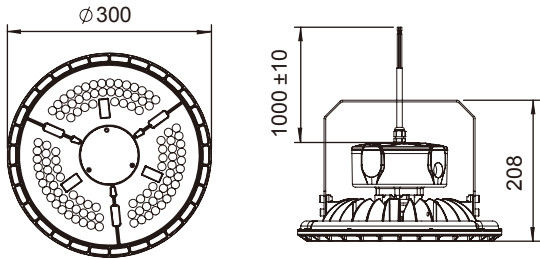
Make the ceiling brighter

- Solid die-cast aluminum housing
- Perfect resistant coating
- Bracket made of stainless steel
- Illumination ration 7% uplight and 93 % down
- Precision optical distribution
- System efficacy up to 142 lm/W (Ra > 80)

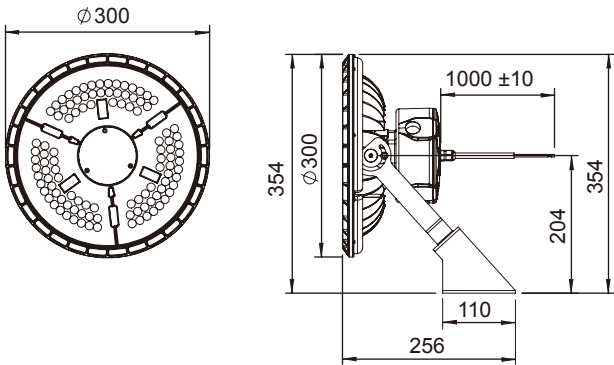


Dimensions [Unit : mm]

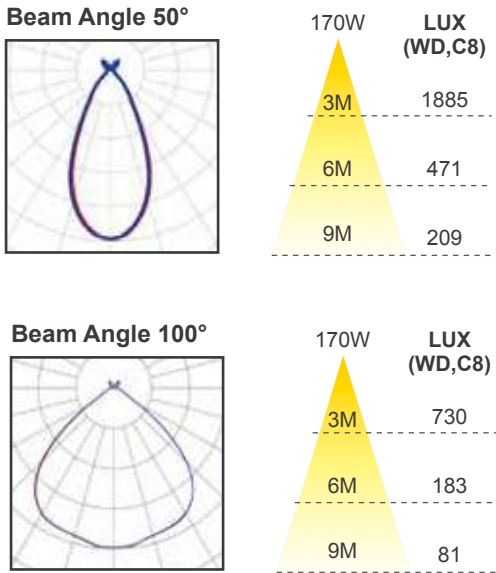
STR Weight : 3.2 Kg



Hook Weight : 3.9 Kg



Photometry [Figures are shown in steady stage]



Ordering data

Product Name	CCT (K)	Beam Angle (°)	CRI	Light Output Steady Stage (lm)	Light Output Cold Stage (lm)
HBLB-170S-VB-cyyy-T6WD50GC8	5000	50	>70	21700	24100
HBLB-170S-VB-cyyy-T6WDA0C8	5000	100	>70	21700	24100

* Other CCT options : 3000K, 4000K, 6500K.

Flood lights

HLC Series

- HLC - 150W / 120W
- HLE - 200W / 180W / 150W
- HLE - 100W / 75W / 50W

60°X90° Optical lens - HLC

120° Optical lens - HLC

HLE - Compact module

HLE - Performance module

Exceptional performance and high reliability

With in-house design sophisticated optical lens, it performs efficiently and provides quality and comfortable light for various industrial and recreational environments. It also has the versatility to be used both in the indoor and outdoor areas with waterproof protection. The Flood Light offers customers an aesthetic design with exceptional performance and high reliability.

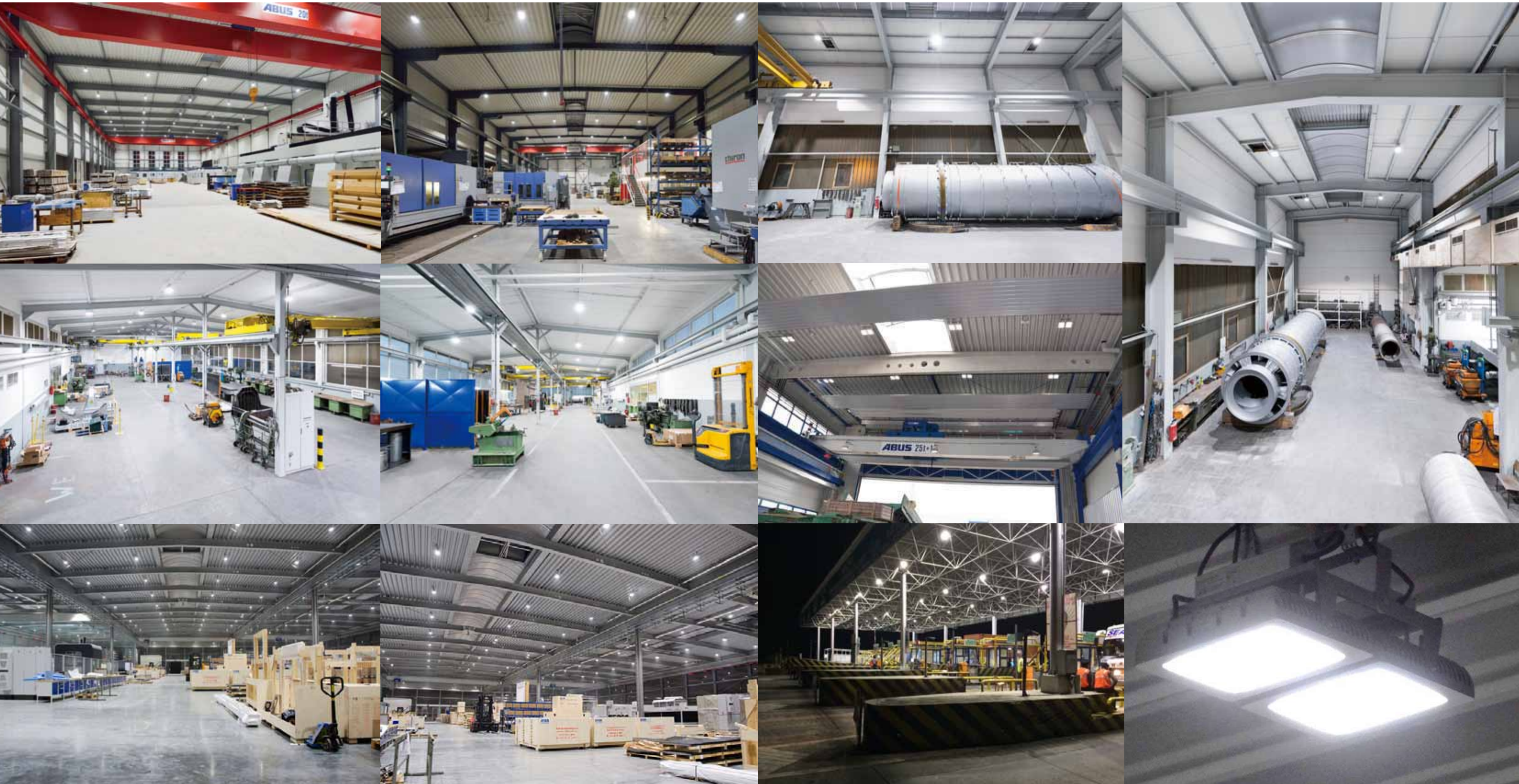


Electrical Specifications

Power Consumption :	HLC - 150W HLC - 120W
Input Voltage :	AC 90-305 V
Frequency :	50/60 Hz
Operation Temp. :	-30°C to +50°C
LED Lifetime (L70) :	60,000 hours

Electrical Specifications

Power Consumption :	HLE - 50W / 75W / 100W HLE - 150W / 180W / 200W
Input Voltage :	AC 90-305 V
Frequency :	50/60 Hz
Operation Temp. :	-30°C to +50°C
LED Lifetime (L70) :	60,000 hours





HLC-150W

HLC-120W

Alder Flood Light is the perfect combination of high-performance Leds. With in-house design sophisticated optical lens, it performs efficiently and provides quality and comfortable light for various industrial and recreational environments. It also has the versatility to be used both in the indoor and outdoor areas with IP66 protection. The Flood Light offers customers an aesthetic design with exceptional performance and high reliability.

HLC - Series



HLC
Floodlights



Multi-task & Weather Resistance

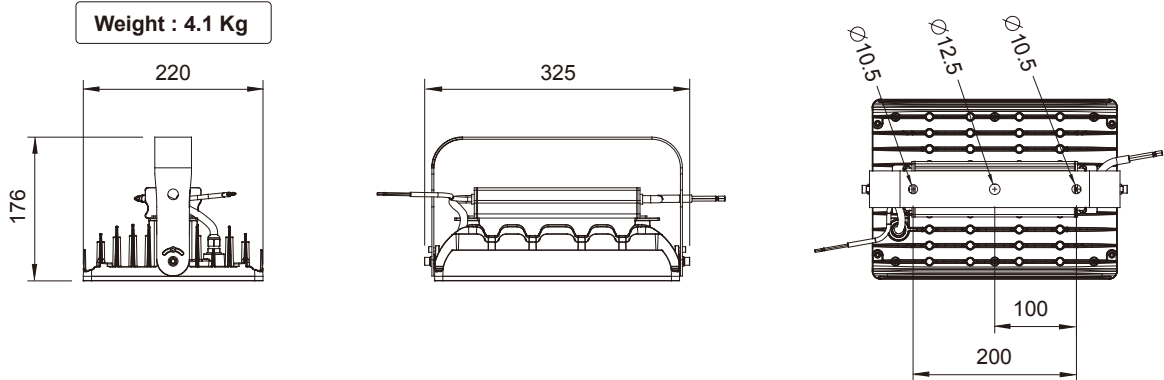
- Solid die-cast aluminum housing
- Perfect resistant coating
- Rotatable bracket made of stainless steel
- Replaceable driver (plug and play system)
- System efficacy up to 157 lm/W (Ra > 80)
- Equipped with symmetric and asymmetric optical lens
- Dimmable 1-10V optional



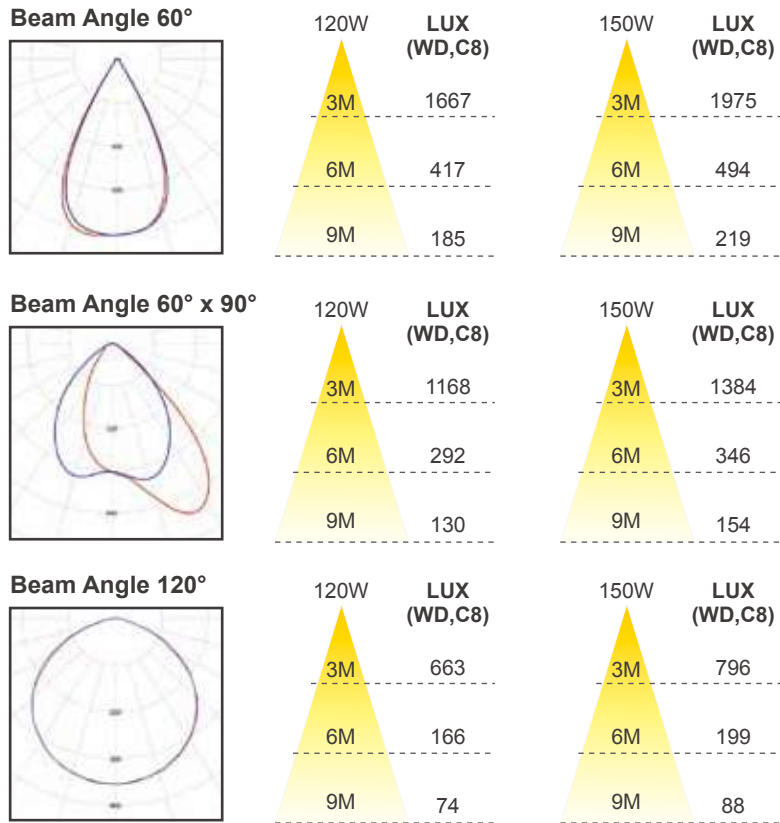
Electrical Specifications

Power Consumption : 150W
120W
Input Voltage : AC 99-305 V
Frequency : 50/60 Hz
Operation Temp. : -30°C to +50°C
LED Lifetime (L70) : 60,000 hours

Dimensions [Unit : mm]



Photometry [Figures are shown in steady stage]



Ordering data

Product Name	Wattage (W)	CCT (K)	Beam Angle (°)	CRI	Light Output Steady Stage (lm)	Light Output Cold Stage (lm)
HLC-120K0-HPD-T6WD60C8	120	5000	60	>80	16800	18500
HLC-120K0-HPD-T6WDTAC8	120	5000	60x90	>80	16800	18500
HLC-120K0-HPD-O2WDA2C8	120	5000	120	>80	17000	18800
HLC-150K0-HPD-T6WD60C8	150	5000	60	>80	19900	22100
HLC-150K0-HPD-T6WDTAC8	150	5000	60x90	>80	19900	22100
HLC-150K0-HPD-O2WDA2C8	150	5000	120	>80	20400	22700

* Other CCT options : 3000K, 4000K, 6500K.
* Dimmable 1-10V optional.

HLE-200W HLE-180W HLE-150W

Alder New Hall Light is the high efficiency lighting system manufactured in Taiwan. It provides quality and comfortable light for various industrial environments. It also has the versatility to be used both in the indoor and outdoor areas with IP66 protection. The New Hall Light offers customers an aesthetic design with exceptional performance and high reliability.

HLE - Series



Electrical Specifications

Power Consumption : 200W
180W
150W
Input Voltage : AC 100-305 V
Frequency : 50/60 Hz
Operation Temp. : -30°C to +50°C
LED Lifetime (L70) : 60,000 hours

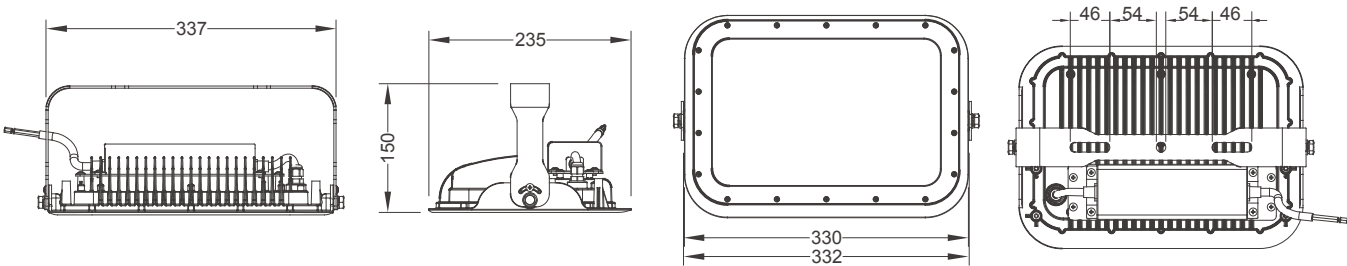
Multi-task & Weather Resistance

- Solid die-cast aluminum housing
- UV rated powder paint coating
- Rotatable bracket made of stainless steel
- No IR-and UV radiation, low heat radiation
- System efficacy up to 146 lm/W (Ra > 80)
- Replaceable driver (plug and play system)
- Equipped with symmetric and asymmetric optical lens (Optional)

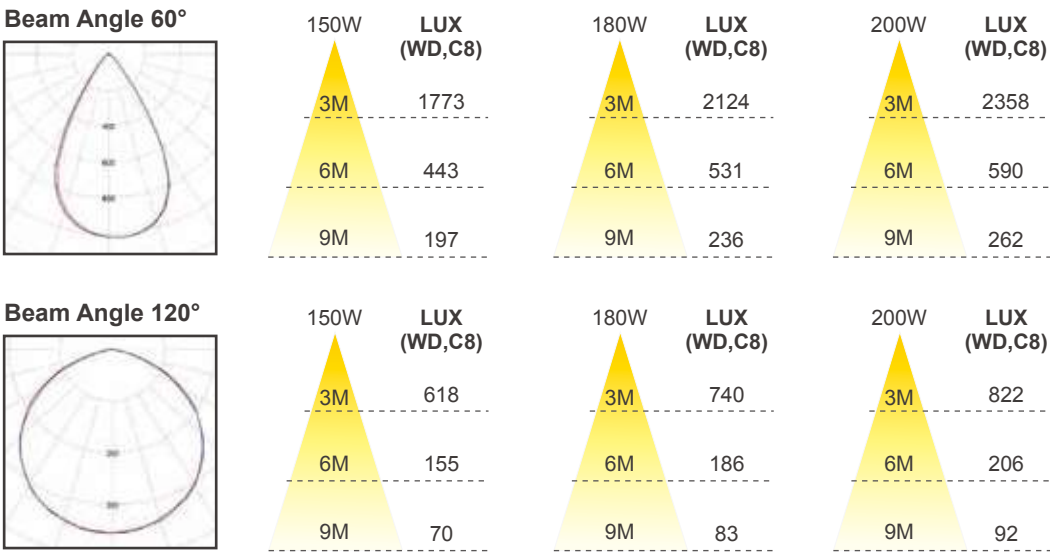


Dimensions [Unit : mm]

STR Weight : 4.4 Kg



Photometry [Figures are shown in steady stage]



Ordering data

Product Name	Wattage (W)	CCT (K)	Beam Angle (°)	CRI	Light Output Steady Stage (lm)	Light Output Cold Stage (lm)
HLE-150S-HT-T6WN60C8	150	4000	60	>80	19700	21900
HLE-150S-HT-T6WD60C8	150	5000	60	>80	19700	21900
HLE-180S-HT-T6WN60C8	180	4000	60	>80	23600	26300
HLE-180S-HT-T6WD60C8	180	5000	60	>80	23600	26300
HLE-200S-HT-T6WN60C8	200	4000	60	>80	26200	29200
HLE-200S-HT-T6WD60C8	200	5000	60	>80	26200	29200
HLE-150S-HT-T6WNA2C8	150	4000	120	>80	19700	21900
HLE-150S-HT-T6WDA2C8	150	5000	120	>80	19700	21900
HLE-180S-HT-T6WNA2C8	180	4000	120	>80	23600	26300
HLE-180S-HT-T6WDA2C8	180	5000	120	>80	23600	26300
HLE-200S-HT-T6WNA2C8	200	4000	120	>80	26200	29200
HLE-200S-HT-T6WDA2C8	200	5000	120	>80	26200	29200

* Other CCT options : 3000K, 6500K.

All technical data are subject to change without notification.

HLE-100W

HLE-75W

HLE-50W

Alder New Hall Light is the high efficiency lighting system manufactured in Taiwan. It provides quality and comfortable light for various industrial environments. It also has the versatility to be used both in the indoor and outdoor areas with IP66 protection. The New Hall Light offers customers an aesthetic design with exceptional performance and high reliability.

HLE - Series



Beam angle 120° Clear glass
Optional frosted glass

Electrical Specifications

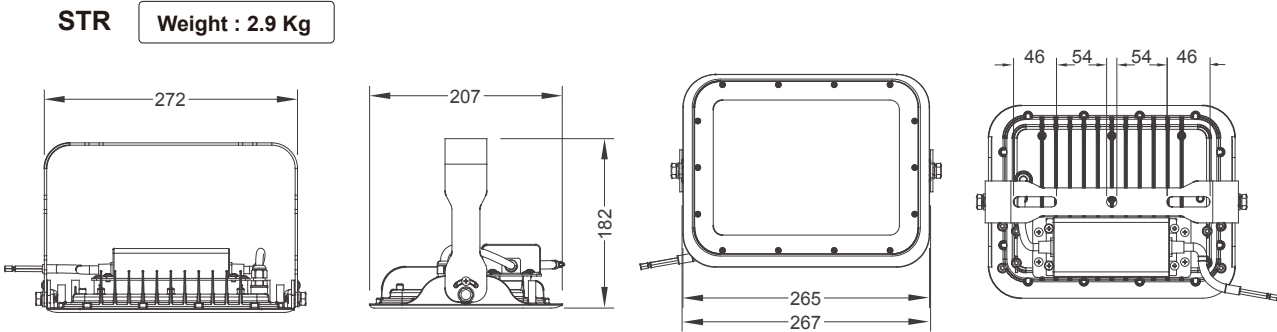
Power Consumption : 100W
75W
50W
Input Voltage : AC 100-305 V
Frequency : 50/60 Hz
Operation Temp. : -30°C to +50°C
LED Lifetime (L70) : 60,000 hours

Multi-task & Weather Resistance

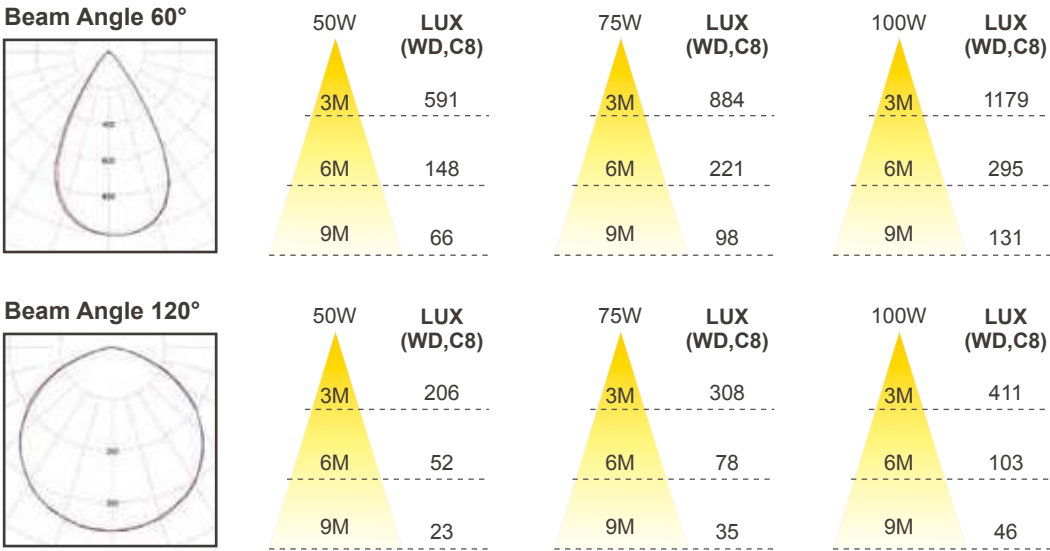
- Solid die-cast aluminum housing
- UV rated powder paint coating
- Rotatable bracket made of stainless steel
- No IR-and UV radiation, low heat radiation
- System efficacy up to 146 lm/W (Ra > 80)
- Replaceable driver (plug and play system)
- Equipped with symmetric and asymmetric optical lens (Optional)



Dimensions [Unit : mm]



Photometry [Figures are shown in steady stage]



Ordering data

Product Name	Wattage (W)	CCT (K)	Beam Angle (°)	CRI	Light Output Steady Stage (lm)	Light Output Cold Stage (lm)
HLE-50S-HT-T6WN60C8	50	4000	60	>80	6550	7300
HLE-50S-HT-T6WD60C8	50	5000	60	>80	6550	7300
HLE-75S-HT-T6WN60C8	75	4000	60	>80	9800	10950
HLE-75S-HT-T6WD60C8	75	5000	60	>80	9800	10950
HLE-100S-HT-T6WN60C8	100	4000	60	>80	13100	14600
HLE-100S-HT-T6WD60C8	100	5000	60	>80	13100	14600
HLE-50S-HT-T6WNA2C8	50	4000	120	>80	6550	7300
HLE-50S-HT-T6WDA2C8	50	5000	120	>80	6550	7300
HLE-75S-HT-T6WNA2C8	75	4000	120	>80	9800	10950
HLE-75S-HT-T6WDA2C8	75	5000	120	>80	9800	10950
HLE-100S-HT-T6WNA2C8	100	4000	120	>80	13100	14600
HLE-100S-HT-T6WDA2C8	100	5000	120	>80	13100	14600

* Other CCT options : 3000K, 6500K.

All technical data are subject to change without notification.

Work Lamp XXW

Superior light efficacy
up to 168 lm/W

Work Lamp is specially designed for multi-task functions from 10W to 75W. It is IP65 rated suitable for both Indoor and outdoor application such as building wall washing, medium billboard, walkways as well as landmarks. With its high lighting efficacy, the safety of working in construction sites will be ensured.



120° Glass optical lens
(COB model)

Electrical Specifications

Power Consumption :	30W
	20W
	10W
Input Voltage :	AC 90-264 V
Frequency :	50/60 Hz
Operation Temp. :	-30°C to +50°C
LED Lifetime (L70) :	60,000 hours



170° frosted lens
(SMD model)



WL-75W with twin COB

Electrical Specifications

Power Consumption :	75W
	50W
Input Voltage :	AC 90-264 V
Frequency :	50/60 Hz
Operation Temp. :	-30°C to +50°C
LED Lifetime (L70) :	60,000 hours



WL-50W with twin COB





WL-75W

WL-50W

Work Lamp is specially designed for multi-task functions. It is IP65 rated suitable for both Indoor and outdoor application such as building wall washing, medium billboard, walkways as well as landmarks. With its high lighting efficacy,the safety of working in construction sites will be ensured.

Floodlight - Series



Black edition WL-75W

WL-50W standard model



Electrical Specifications

Power Consumption : 75W

50W

Input Voltage : AC 90-264 V

Frequency : 50/60 Hz

Operation Temp. : -30°C to +50°C

LED Lifetime (L70) : 60,000 hours



Black Edition 50W

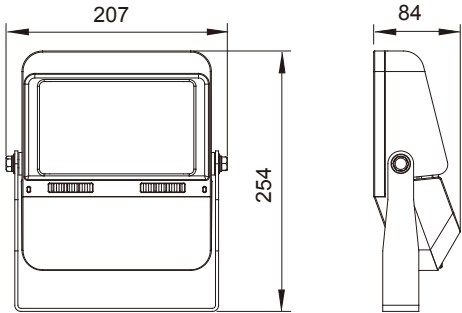
Multi-task & Weather Resistance

- Solid die-cast aluminum housing
- UV rated powder paint coating
- Rotatable bracket made of stainless steel
- System efficacy up to 168 lm/W (Ra > 70)
- IP65 rated for outdoor applications
- IK07 impact rating

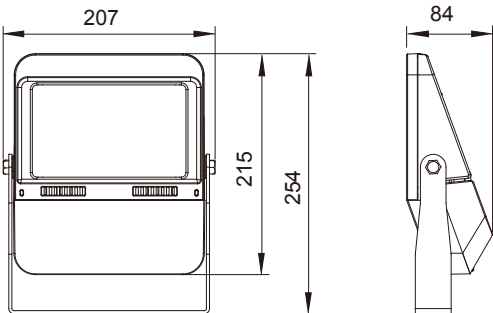


Dimensions [Unit : mm]

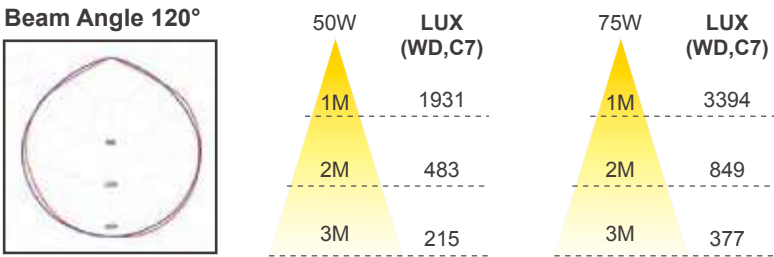
WL 75W Weight : 2.7 Kg



WL 50W Weight : 2.7 Kg



Photometry [Figures are shown in steady stage]



Ordering data

Product Name	Wattage (W)	CCT (K)	Beam Angle (°)	CRI	Light Output Steady Stage (lm)	Light Output Cold Stage (lm)
WL-50S-V-c-C30WDA2C7	50	5000	120	>70	7400	8200
WL-50S-V-c-C30WNA2C7	50	4000	120	>70	7400	8200
WL-75S-V-c-C30WDA2C7	75	5000	120	>70	11350	12600
WL-75S-V-c-C30WNA2C7	75	4000	120	>70	11350	12600

* Other CCT options : 3000K, 6500K.
* CCT >80 optional.

WLA-30W

WLA-20W

WLA-10W

Work Lamp is specially designed for multi-task functions. It is IP65 rated suitable for both Indoor and outdoor application such as building wall washing, medium billboard, walkways as well as landmarks. With its high lighting efficacy,the safety of working in construction sites will be ensured.

Floodlight - Series



WC
Floodlights

Electrical Specifications

Power Consumption : 30W
20W
10W

Input Voltage : AC 90-264 V
Frequency : 50/60 Hz
Operation Temp. : -30°C to +50°C
LED Lifetime (L70): 60,000 hours



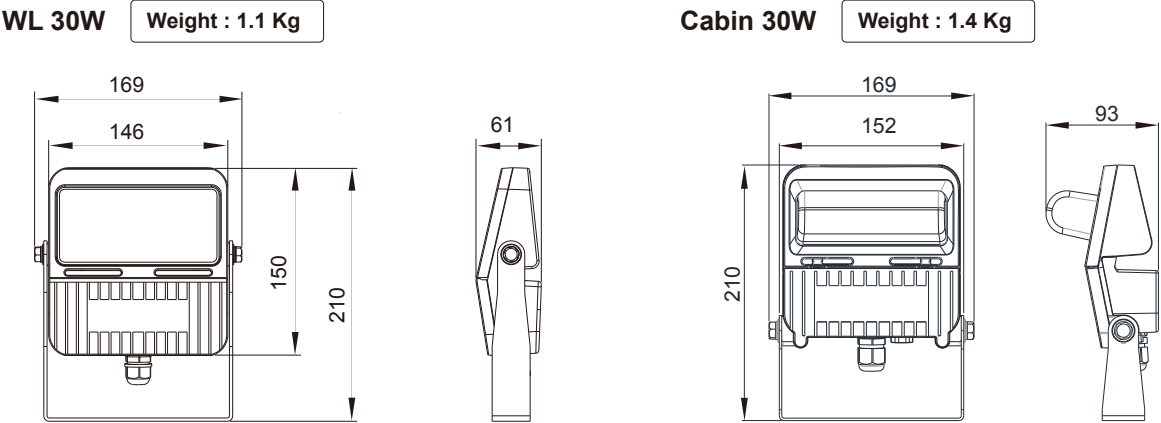
Custom Made
Black Edition 30W
(SMD model)

Multi-task & Weather Resistance

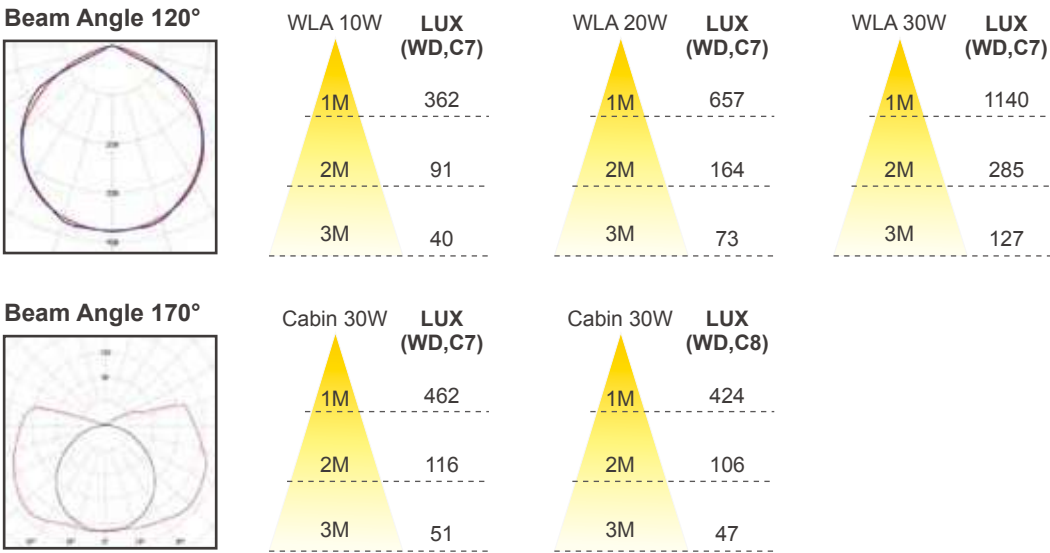
- Solid die-cast aluminum housing
- UV rated powder paint coating
- Rotatable bracket made of stainless steel
- System efficacy up to 157 lm/W (Ra > 70)
- IP65 rated for outdoor applications
- No IR-and UV radiation, low heat radiation



Dimensions [Unit : mm]



Photometry [Figures are shown in steady stage]



Ordering data

Product Name	Wattage (W)	CCT (K)	Beam Angle (°)	CRI	Light Output Steady Stage (lm)	Light Output Cold Stage (lm)
WLA-10S-V-csil-C30WDA2C7	10	5000	120	>70	1350	1500
WLA-20S-V-csil-C30WDA2C7	20	5000	120	>70	2450	2700
WLA-30S-V-csil-C30WDA2C7	30	5000	120	>70	4250	4700
CABIN-30RS-V-csil-T6WDA7C7	30	5000	170	>70	3700	4100
CABIN-30RS-V-csil-T6WDA7C8	30	5000	170	>80	3400	3800

* Other CCT options : 3000K, 6500K.
* CCT >80 optional.

All technical data are subject to change without notification.

Wing Light

Various angle of rotation :
Vertical 0° ~ 90°
Horizontal - 45° ~ 45°

SWL-120W
SWLA-150W/120W



Black Edition SWL-150W
Custom made



Optional Accessories : Handlebar kit

Electrical Specifications	
Power Consumption :	150W 120W
Input Voltage :	AC 90-305 V
Frequency :	50/60 Hz
Operation Temp. :	-30°C to +50°C
LED Lifetime (L70) :	60,000 hours



Optional Accessories :
SWLA-tripod kit, single / twin rod



Optional Accessories :
SWLA-tripod connector-joint



More flexible lighting solution

Wing Light is special designed for multi-tasking function. With IP65 rated its suitable for both Indoor and outdoor applications such as warehouses, cold storages, parking lots and supermarkets. With high efficacy of illumination can easily retrofit all current lighting fixtures. The adjustable light projection angle from 0 to 90 degrees design is more flexible for different lighting solutions.



SWLA-150W

SWLA-120W

SWL-150W

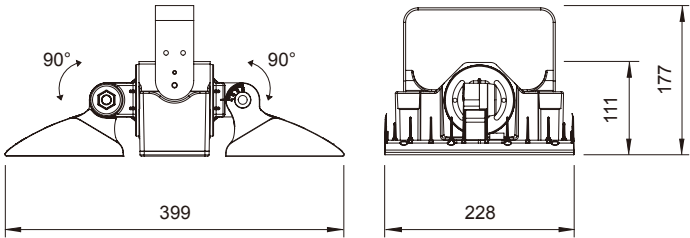
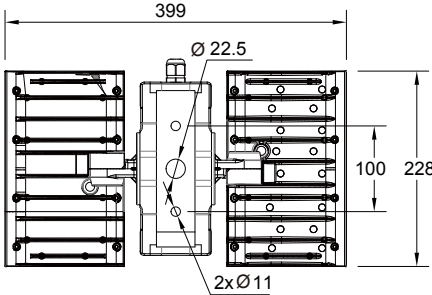
Special Characteristic

With turning of light module, a wider beam angle of light distribution can be achieved. It is very suitable for isle application.

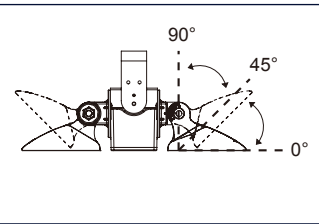
Floodlight - Series

Dimensions [Unit : mm]

SWLA Weight : 5 Kg

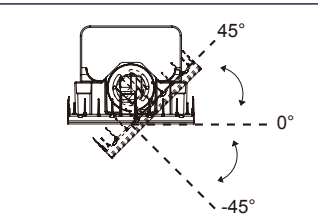


0 - 90 degrees turnable design



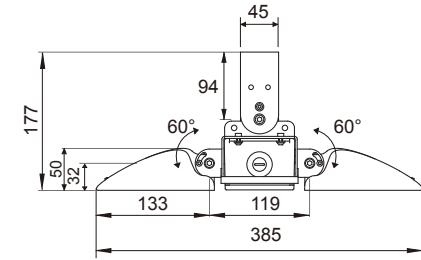
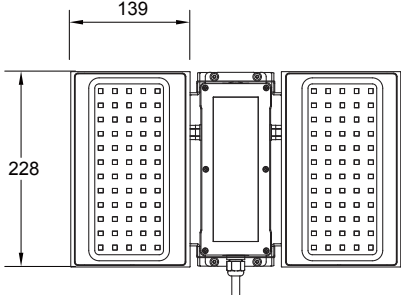
From 0 to 90 degrees adjustable

-45 - 45 degrees turnable design

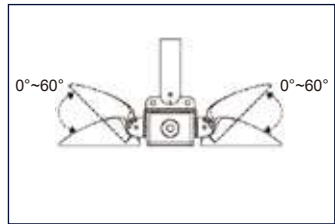


From -45 to 45 degrees adjustable

SWL Weight : 4 Kg



0 - 60 degrees turnable design



From 0 to 90 degrees adjustable

Photometry [Figures are shown in steady stage]

Beam Angle 50°	120W		150W		Beam Angle 120°	120W		150W	
	3M	LUX (WD,C7)	3M	LUX (WD,C7)		3M	LUX (WD,C7)	3M	LUX (WD,C7)
	6M	655	6M	815		6M	139	6M	170
	9M	291	9M	362		9M	62	9M	75

Ordering data

Product Name	Wattage (W)	CCT (K)	Beam Angle (°)	CRI	Light Output Steady Stage (lm)	Light Output Cold Stage (lm)
SWL-150K50-T(D)N-cyyySTR-T6WD50C7	150	5000	50	>70	20900	23200
SWL-150K50-T(D)N-cyyySTR-T6WDA2C7	150	5000	120	>70	21200	23600
SWLA-120S-T(D)N-cyyySTR-T6WD50C7	120	5000	50	>70	16800	18700
SWLA-120S-T(D)N-cyyySTR-T6WDA2C7	120	5000	120	>70	17400	19400
SWLA-150S-T(D)N-cyyySTR-T6WD50C7	150	5000	50	>70	20900	23200
SWLA-150S-T(D)N-cyyySTR-T6WDA2C7	150	5000	120	>70	21200	23600

* Other CCT options : 3000K, 4000K, 6500K. * Dimmable 1-10V optional.

All technical data are subject to change without notification.

SWL
Flipped luminaires
SWLA
rotational luminaires

More flexible
lighting solutions

- Solid die-cast aluminum housing
- Perfect resistant coating
- Low profile with adjustable lighting system design
- 0-90 degrees turnable design
- System efficacy up to 162 lm/W (Ra > 70)
- Dimmable 1-10V optional
- Ideal for aisle illumination



Electrical Specifications

Power Consumption : 150W
120W
Input Voltage : AC 90-305 V
Frequency : 50/60 Hz
Operation Temp. : -30°C to +50°C
LED Lifetime (L70) : 60,000 hours

Globe Lamp

Portable Lamp Series

BLN - 300W / 200W
BLN - 170W / 150W
PL - 90W / 50W

HBLB-170W BLN model

PL-90W BLN model

HBLA-150W BLN model

HBL-300W / 200W BLN model

Electrical Specifications	
Power Consumption :	300W / 200W 170W / 150W 90W / 50W
Input Voltage :	AC 90-305 V
Frequency :	50/60 Hz
Operation Temp. :	-30°C to +50°C
LED Lifetime (L70) :	60,000 hours

* Optional Accessories :
Bracket Kit / Tripod Pack



Globe Lamp

BLN-300W

BLN-200W

Portable Lamp Series

BLN
portable lamp

Electrical Specifications

Power Consumption : 300W
200W
Input Voltage : AC 90-305 V
Frequency : 50/60 Hz
Operation Temp. : -30°C to +50°C
LED Lifetime (L70) : 60,000 hours

The exceptional outdoor luminaires

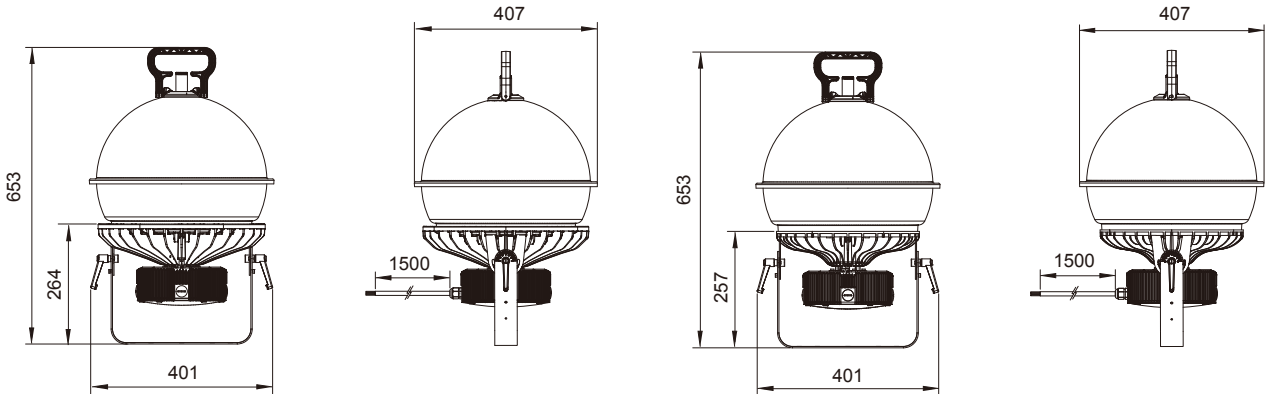
- Solid die-cast aluminum housing
- Rotatable bracket made of stainless steel
- System efficacy up to 90 lm/W (Ra > 80)
- Globe 360° light distribution
- Flexible in different application fitting
- Easy in carrying



Dimensions [Unit : mm]

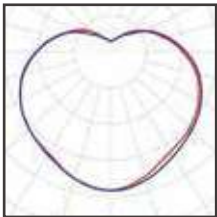
BLN 300W Weight : 7.5 Kg

BLN 200W Weight : 6.3 Kg



Photometry [Figures are shown in steady stage]

Beam Angle 190°

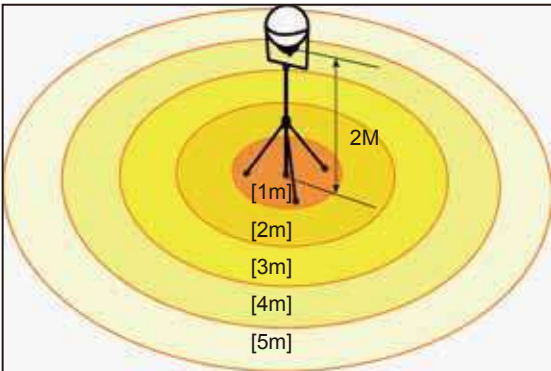


Light source at 2 meters high

300W	200W
[1m] 141 Lux	[1m] 94 Lux
[2m] 159 Lux	[2m] 97 Lux
[3m] 127 Lux	[3m] 79 Lux
[4m] 96 Lux	[4m] 61 Lux
[5m] 71 Lux	[5m] 43 Lux

Light fixture mounted at ceiling

300W, 5000K	200W, 5000K
[1m] 2618 Lux	[1m] 1745 Lux
[2m] 735 Lux	[2m] 490 Lux
[3m] 336 Lux	[3m] 224 Lux
[4m] 191 Lux	[4m] 127 Lux
[5m] 125 Lux	[5m] 84 Lux



Ordering data

Product Name	Wattage (W)	CCT (K)	Beam Angle (°)	CRI	Light Output Steady Stage (lm)	Light Output Cold Stage (lm)
HBL-200S-RTN-cSTRBLN-T6WDA9C8	200	5000	190	>80	16200	18000
HBL-300S-RTN-cSTRBLN-T6WDA9C8	300	5000	190	>80	24300	27000

* Other CCT options : 3000K, 4000K, 6500K.

Globe Lamp

BLN-170W

BLN-150W

BLN is an unique retrofit for conventional outdoor luminaries, with its aesthetic and attractive design, it's undoubtingly an eye-catcher also a great image for all applications.

Easy AC-to-DC conversion feature with designated Driver design is ideal and flexible for all construction sites, camping areas, search & rescue and all kinds of banquets and ceremonies.

Portable Lamp Series

BLN
portable lamp

Electrical Specifications

Power Consumption : 170W
150W
Input Voltage : AC 90-305 V
Frequency : 50/60 Hz
Operation Temp. : -30°C to +50°C
LED Lifetime (L70) : 60,000 hours

HBLA-150W
BLN model

HBLB-170W
BLN model

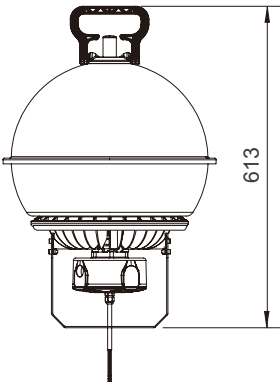
The exceptional outdoor luminaires

- Solid die-cast aluminum housing
- Rotatable bracket made of stainless steel
- System efficacy up to 90 lm/W (Ra > 80)
- Globe 360° light distribution
- Flexible in different application fitting
- Easy in carrying

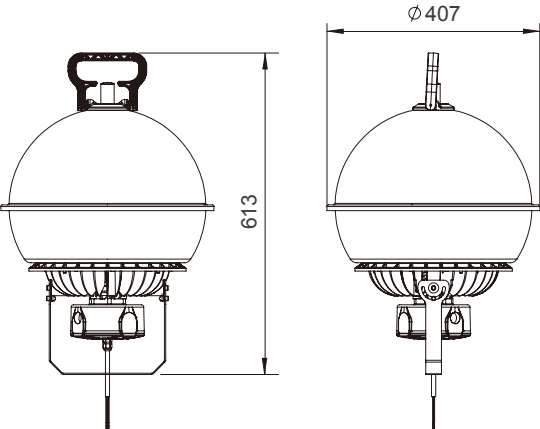


Dimensions [Unit : mm]

BLN 170W Weight : 7 Kg

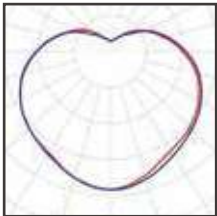


BLN 150W Weight : 6.8 Kg



Photometry [Figures are shown in steady stage]

Beam Angle 190°

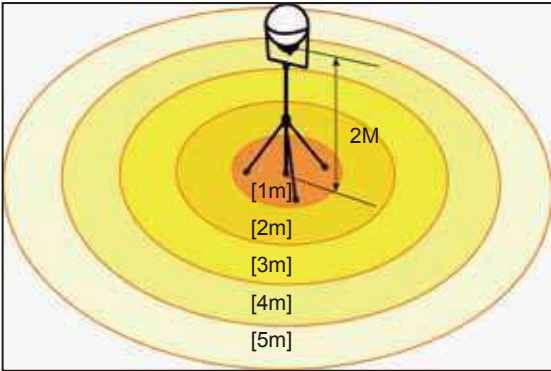


Light source at 2 meters high

170W	150W
[1m] 130Lux	[1m] 109 Lux
[2m] 90 Lux	[2m] 55 Lux
[3m] 50 Lux	[3m] 29 Lux
[4m] 30 Lux	[4m] 11 Lux
[5m] 15 Lux	[5m] 09 Lux

Light fixture mounted at ceiling

170W, 5000K	150W, 5000K
[1m] 1304 Lux	[1m] 1265 Lux
[2m] 410 Lux	[2m] 366 Lux
[3m] 205 Lux	[3m] 167 Lux
[4m] 125 Lux	[4m] 96 Lux
[5m] 85 Lux	[5m] 63 Lux



Ordering data

Product Name	Wattage (W)	CCT (K)	Beam Angle (°)	CRI	Light Output Steady Stage (lm)	Light Output Cold Stage (lm)
HBLA-150S-RTN-cSTRBLN-T6WDA9C8	150	5000	190	>80	12100	13500
HBLB-170S-RTN-cSTRBLN-T6WDA9C8	170	5000	190	>80	18000	20000

* Other CCT options : 3000K, 4000K, 6500K.

Globe Lamp

PL-90W

PL-50W

Alder Globe Lamp is IP65 rated and can meet various requirements of outdoor applications, with its light-weight and low-power consumption design, it can save up more than 70% of energy. With its aesthetic and compatible design, it's create elegant outdoor lighting atmosphere.

Portable Lamp Series



BLN
portable lamp

Electrical Specifications

Power Consumption : 90W
50W
Input Voltage : AC 90-305 V
Frequency : 50/60 Hz
Operation Temp. : -30°C to +50°C
LED Lifetime (L70) : 60,000 hours

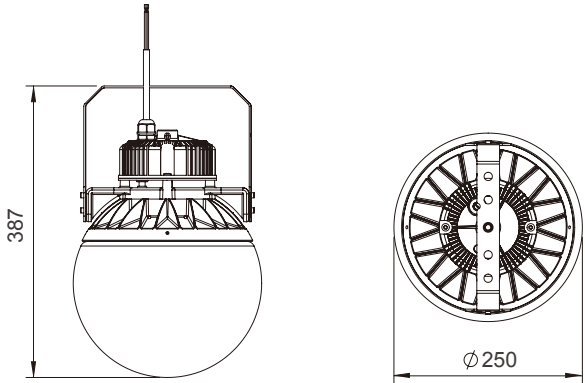
The exceptional outdoor luminaires

- Solid die-cast aluminum housing
- Rotatable bracket made of stainless steel
- Comfortable lighting quality for CRI 80
- System efficacy up to 142 lm/W (Ra > 80)
- IP65 protection for outdoor applications
- Flexible in different application fitting



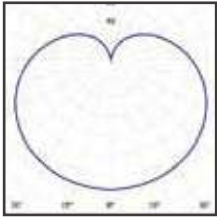
Dimensions [Unit : mm]

PL 90W Weight : 2.9 Kg



Photometry [Figures are shown in steady stage]

Beam Angle 200°

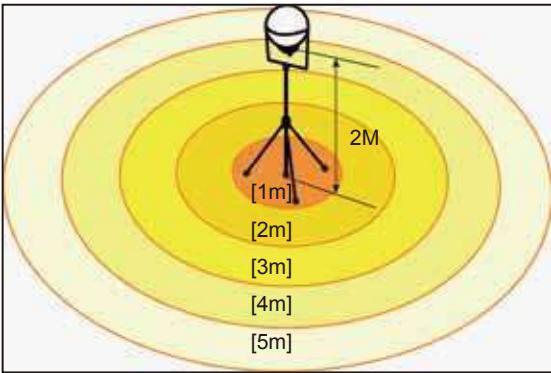


Light source at 2 meters high

90W	50W
[1m] 40 Lux	[1m] 24 Lux
[2m] 45 Lux	[2m] 28 Lux
[3m] 39 Lux	[3m] 23 Lux
[4m] 30 Lux	[4m] 18 Lux
[5m] 23 Lux	[5m] 04 Lux

Light fixture mounted at ceiling

90W, 5000K	50W, 5000K
[1m] 1071 Lux	[1m] 750 Lux
[2m] 270 Lux	[2m] 190 Lux
[3m] 105 Lux	[3m] 86 Lux
[4m] 69Lux	[4m] 48 Lux
[5m] 45 Lux	[5m] 31 Lux



Ordering data

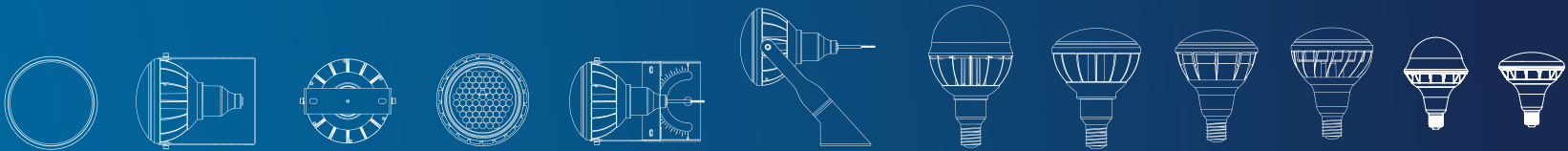
Product Name	Wattage (W)	CCT (K)	Beam Angle (°)	CRI	Light Output Steady Stage (lm)	Light Output Cold Stage (lm)
PL-50K0-T-mwhiSTR-T6WDA2C8	50	5000	200	>80	6400	7100
PL-50K0-T-mwhiSTR-T6WNA2C8	50	4000	200	>80	6400	7100
PL-90K0-T-mwhiSTR-T6WDA2C8	90	5000	200	>80	11500	12800
PL-90K0-T-mwhiSTR-T6WNA2C8	90	4000	200	>80	11500	12800

* Other CCT options : 3000K, 6500K.



PAR Lamp Series

The best alternative product for
the traditional mercury-vapor lamps



PAR Lamp Series

PAR58 97W

Superior light efficacy more than 60% energy saving

With its efficacy up to 143lm/W and 160lm/W (Cold stage) and EU2013 Classification at for CRI>80, Alder PAR58 lamp is the perfect choice in retrofit market, it's replaceable to the 400 W mercury vapor lamp. PAR58 applied state-of-the-art LED technology and the built-in driver design simplifies the installation work.

130° frosted lens
(Drop model)

120° frosted lens

60° Clear lens

PAR
LED lamp

Electrical Specifications

Power Consumption : 97W
Input Voltage : AC 90-264 V
Frequency : 50/60 Hz
Operation Temp. : -30°C to +45°C
LED Lifetime (L70) : 60,000 hours

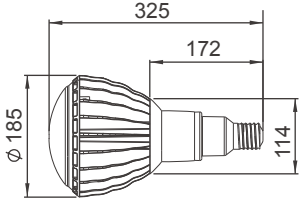
- Direct replacement for low or high bay HID bulbs
- Superior light output to replace 250W MH
- Mogul base type (Ex39, E39, E40)
- IP67 rated for outdoor applications
- Frosted polycarbonate cover



Dimensions [Unit : mm]

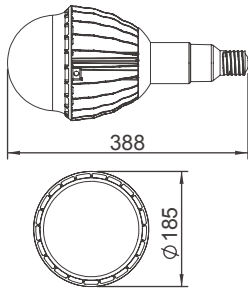
E39
E40

Weight : 1.7 Kg



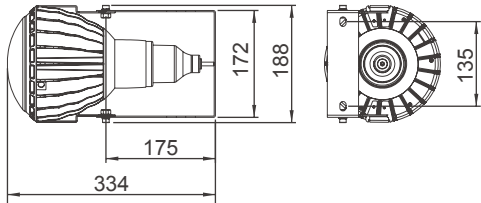
E39
E40

Weight : 1.8 Kg



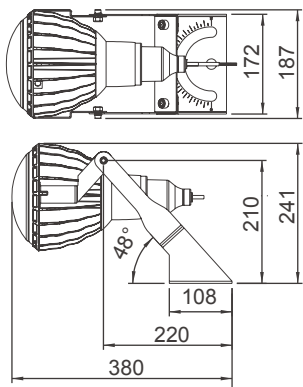
STR

Weight : 2.4 Kg



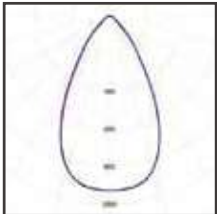
SPO

Weight : 2.9 Kg



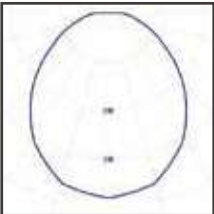
Photometry [Figures are shown in steady stage]

Beam Angle 60°



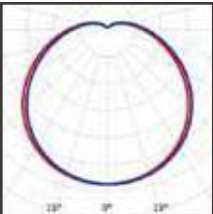
97W	LUX (WD,C8)
1M	7543
2M	1866
3M	838

Beam Angle 120°



97W	LUX (WD,C8)
1M	2004
2M	501
3M	223

Beam Angle 130°



97W	LUX (WD,C8)
1M	4473
2M	1118
3M	497

Ordering data

Product Name	Wattage (W)	CCT (K)	Beam Angle (°)	CRI	Light Output Steady Stage (lm)	Light Output Cold Stage (lm)
PR58-100K0-V-cblayyy-T6WD60C8	97	5000	120	>80	12700	14100
PR58-100K0-V-cblayyy-T6WN60C8	97	4000	120	>80	12700	14100
PR58-100K0-V-mblayyy-O2WDA2C8	97	5000	120	>80	12400	13800
PR58-100K0-V-mblayyy-O2WNA2C8	97	4000	120	>80	12400	13800
PR58-100K0-V-Dmblayyy-O2WDA3C8	97	5000	120	>80	12700	14100
PR58-100K0-V-Dmblayyy-O2WNA3C8	97	4000	120	>80	12700	14100

* Other CCT options : 3000K, 6500K.

All technical data are subject to change without notification.

PAR Lamp Series

PAR58D
97W85W

Superior light efficacy more than 60% energy saving

The high wattage PAR 58 lamp is specially designed for the replacement of HID luminaires and is individually applicable. Equivalent to 200W, 250W MH lamp application with superior light efficacy up to 148 lm/W and more than 60% energy saving is achieved. The high protection class and beam angle choice makes it possible to be used as spotlights both indoors and outdoors.

120° frosted lens

130° frosted lens (Drop model)

60° milky lens

PAR
LED lamp

Electrical Specifications

Power Consumption : 97W
85W
Input Voltage : AC 90-305 V
Frequency : 50/60 Hz
Operation Temp. : -30°C to +45°C
LED Lifetime (L70) : 60,000 hours

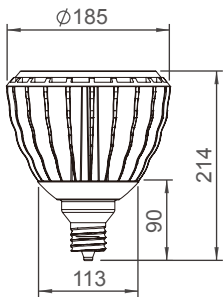
- Direct replacement for low or high bay HID bulbs
- Superior light output to replace 200W, 250W MH
- Mogul base type (Ex39, E39, E40)
- IP67 rated for outdoor applications
- Frosted polycarbonate cover



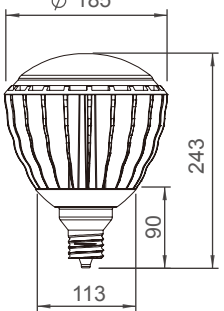
ALDER'S PAR58D 85W
ALDER'S PAR58D 97W

Dimensions [Unit : mm]

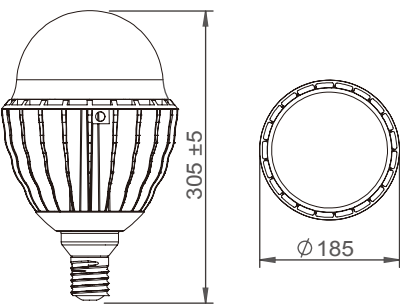
60° Lens Weight : 1.7 Kg



120° Lens Weight : 1.7 Kg

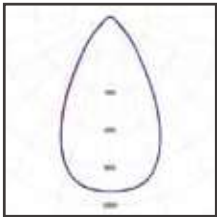


130° Lens Weight : 1.9 Kg



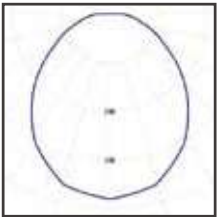
Photometry [Figures are shown in steady stage]

Beam Angle 60°



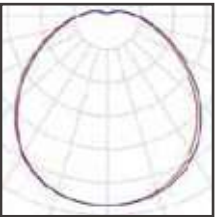
85W	LUX (WD,C8)
1M	6742
2M	1685
3M	749
97W	LUX (WD,C8)
1M	7662
2M	1901
3M	845

Beam Angle 120°



85W	LUX (WD,C8)
1M	2457
2M	614
3M	273
97W	LUX (WD,C8)
1M	2615
2M	654
3M	291

Beam Angle 130°



85W	LUX (WD,C8)
1M	2177
2M	544
3M	242
97W	LUX (WW,C8)
1M	2076
2M	519
3M	231

Ordering data

Product Name	Wattage (W)	CCT (K)	Beam Angle (°)	CRI	Light Output Steady Stage (lm)	Light Output Cold Stage (lm)
PR58D-85S-T-cblaE39-T6WD60C8	85	5000	60	>80	11300	12600
PR58D-85S-T-cblaE39-T6WN60C8	85	4000	60	>80	11300	12600
PR58D-85S-T-mblaE39-T6WDA2C8	85	5000	120	>80	10600	11800
PR58D-85S-T-mblaE39-T6WNA2C8	85	4000	120	>80	10600	11800
PR58D-100S-T-cblaE39-T6WD60C8	97	5000	60	>80	12800	14300
PR58D-100S-T-cblaE39-T6WN60C8	97	4000	60	>80	12800	14300
PR58D-100S-T-mblaE39-T6WDA2C8	97	5000	120	>80	11300	12600
PR58D-100S-T-mblaE39-T6WNA2C8	97	4000	120	>80	11300	12600

* Other CCT options : 3000K, 6500K.

All technical data are subject to change without notification.

PAR Lamp Series

PAR52

52W TRIAC DIMMABLE

Superior light efficacy more than 60% energy saving

It is uniquely designed for low bay installations with the mogul base design, it can easily retrofit all HID lights and provides high quality lighting by CRI 80. As it's IP67 rated, it is a good choice for outdoor lighting applications.

PAR52 with 130° frosted lens (Drop model)

PAR52 with 60° milky lens

PAR52 with 60° clear lens

PAR52 with 120° frosted lens

PAR
LED lamp

Electrical Specifications

Power Consumption : 52W

Input Voltage :
AC 90-264 V
AC 90-305 V
AC 120 V ±10%
(Dimmable Type)

Frequency : 50/60 Hz

Operation Temp. : -30°C to +50°C

LED Lifetime (L70) : 60,000 hours

- E39 / E40 compatible socket design, easy installation
- System efficacy up to 167 lm/W (Ra > 80)
- IP67 rated, suitable for wet location
- Triac dimming function available as option
- With ETL certification

150W MH

+

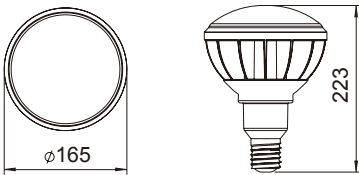
High Bay

→

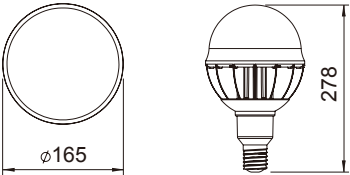
ALDER'S PAR52

Dimensions [Unit : mm]

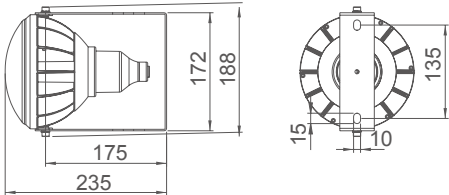
E39 / E40 Weight : 1.2 Kg



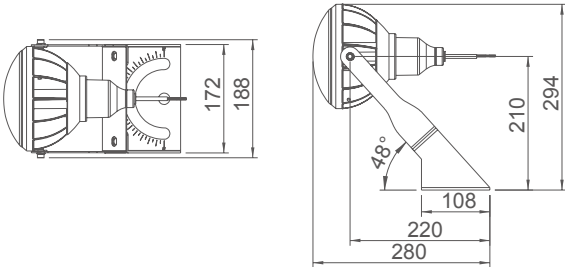
E39 / E40 Drop type Weight : 1.3 Kg



STR Weight : 1.6 Kg

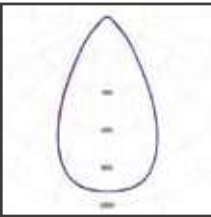


SPO Weight : 2.1 Kg



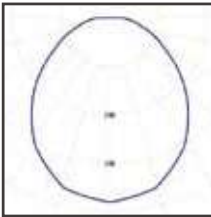
Photometry [Figures are shown in steady stage]

Clear Beam Angle 60°



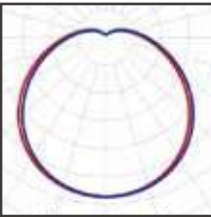
52W	LUX (WD,C8)
1M	5062
2M	1266
3M	562

Frosted Beam Angle 120°



52W	LUX (WD,C8)
1M	1523
2M	381
3M	169

Frosted Beam Angle 130°



52W	LUX (WD,C8)
1M	1191
2M	298
3M	132

Ordering data

Product Name	Les Option	CCT (K)	Beam Angle (°)	CRI	Light Output Steady Stage (lm)	Light Output Cold Stage (lm)
PR52-52K0-V-cblayyy-T6WD60C8	Clear	5000	60	>80	7500	8300
PR52-52K0-V-cblayyy-O2WDA2C8	Clear	5000	120	>80	7700	8600
PR52-52K0-V-mblayyy-O2WDA2C8	Frosted	5000	120	>80	6800	7600
PR52-52S-T-cblaE39-T6WD60C8	Clear	5000	60	>80	6600	7400
PR52-52S-T-cblaE39-O2WDA2C8	Clear	5000	120	>80	6100	6800
PR52-52S-T-mblaE39-O2WDA2C8	Frosted	5000	120	>80	5700	6300
PR52-52S-R2D-mblaE39-T6WDA2C8	Frosted	5000	120	>80	5500	6100
PR52-52K0-V-DcblaEyy-O2WDA3C8	Clear/Drop	5000	130	>80	7800	8700
PR52-52K0-V-DmblaEyy-O2WDA3C8	Frosted/Drop	5000	130	>80	7200	8000

* For dimmable type. * Other CCT options : 3000K, 4000K, 6500K.

All technical data are subject to change without notification.

PAR Lamp Series

PAR38E

18W

Superior light efficacy more than 60% energy saving

The state-of-the-art aluminium mechanical design with excellent heat dissipation. Great for indoor, enclosed lighting fixtures yet also waterproof for outdoor applications. It offers 120° / 150° wide beam angle, at 156lm/w (Cold stage) high system efficacy. Warm color temperature for various commercial applications.



PAR
LED lamp

Electrical Specifications

Power Consumption : 18W
Input Voltage : AC 90-305 V
Frequency : 50/60 Hz
Operation Temp. : -30°C to +50°C
LED Lifetime (L70) : 60,000 hours

PR38E-18W

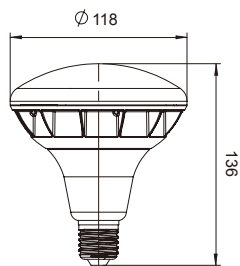
E-type (Beam angle 150° & 120°)

- Wide CCT range for customize requests
- E26 / E27 compatible socket design, easy to install
- IP65 rating, for damp location & outdoor applications
- System efficacy up to 156 lm/W (Ra > 80)

Dimensions [Unit : mm]

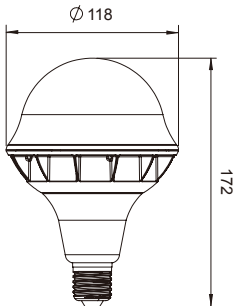
Frosted Cover

Weight : 0.28 Kg



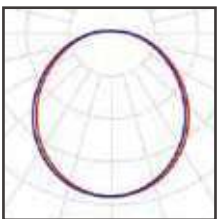
Frosted / Drop Cover

Weight : 0.3 Kg



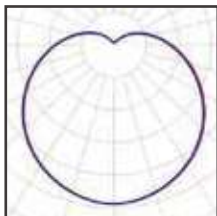
Photometry [Figures are shown in steady stage]

Beam Angle 120°



18W	LUX (WD,C8)
1M	479
2M	124
3M	55

Beam Angle 150°



18W	LUX (WD,C8)
1M	320
2M	80
3M	36

Ordering data

Product Name	Wattage (W)	CCT (K)	Beam Angle (°)	CRI	Light Output Steady Stage (lm)	Light Output Cold Stage (lm)
PR38E-18S-T-DmEyyIP-T6WDA5C8	18	5000	150	>80	2550	2800
PR38E-18S-T-DmEyyIP-T6WNA5C8	18	4000	150	>80	2550	2800
PR38E-18S-T-mEyyIP-T6WDA2C8	18	5000	120	>80	2370	2500
PR38E-18S-T-mEyyIP-T6WNA2C8	18	4000	120	>80	2370	2500
PR38E-18S-T-DmEyyIP-T6WDA5C9	18	5000	150	>90	2140	2380
PR38E-18S-T-DmEyyIP-T6WNA5C9	18	4000	150	>90	2020	2240
PR38E-18S-T-mEyyIP-T6WDA2C9	18	5000	120	>90	2000	2210
PR38E-18S-T-mEyyIP-T6WNA2C9	18	4000	120	>90	1870	2080

* Other CCT options : 3000K, 4000K, 6500K.



魅力的なストリートビューを飾りましょう
PLランプ&MLランプシリーズ

魅力的なストリートビューを飾りましょう
PLランプ&MLランプシリーズ

PC / MC
LED light bulb

Street Lamp Series

Post Top Globe Lamp
PL - 60W / 36W / 18W

It is IP66 rated and can meet various requirements of outdoor applications, with its light-weight and low-power consumption design, it can save up more than 70% of energy. With its aesthetic and compatible design, it's create elegant outdoor lighting atmosphere.

Metal Halide Replacement Lamp

ML - 80W / 50W / 36W

It is a great solution to replace traditional Mercury lamp, it can easily replace 120W traditional mercury-vapor lamps with more than 70% of energy saving. With the beauty of the classic look of a mercury lamp, Alder's Metal Halide Replacement Lamp is the ideal choice for retrofit / replacement to projects with great color rendering performance. The frosty cover design deliver soft and gentle light atmosphere.



Electrical Specifications

Power Consumption :	PL-60W PL-36W / 18W
Input Voltage :	AC 90-305 V
Frequency :	50/60 Hz
Operation Temp. :	-30°C to +50°C
LED Lifetime (L70) :	60,000 hours

Electrical Specifications

Power Consumption :	ML-80W / 50W ML-36W
Input Voltage :	AC 90-305 V
Frequency :	50/60 Hz
Operation Temp. :	-30°C to +50°C
LED Lifetime (L70) :	60,000 hours

Street Lamp Series



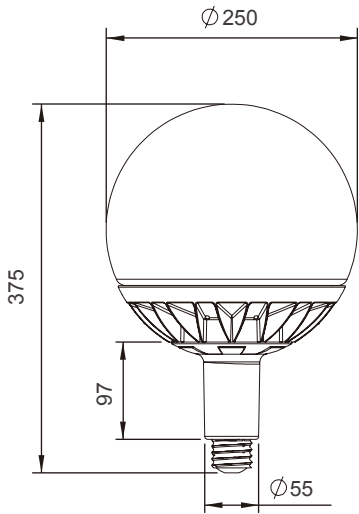
Post Top Globe Lamp

PL - 60W / 36W / 18W

- E39 / E40 compatible socket design with light weight
- Comfortable lighting quality for CRI 80
- IP66 protection for outdoor applications
- System efficacy up to 128 lm/W (Ra > 80)
- Low color temperature (1800K, 2200K) with high lumen
- efficiency is an optional solution for foggy areas

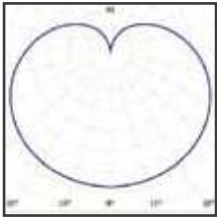
Dimensions [Unit : mm]

PL 18W PL 36W	Weight : 1.2 Kg	Built-in Driver
PL 60W	Weight : 1.0 Kg	External Driver



Photometry [Figures are shown in steady stage]

Beam Angle 200°



18W	LUX (WD,C8)
1M	202
2M	51
3M	22

36W	LUX (WD,C8)
1M	376
2M	94
3M	42

60W	LUX (WD,C8)
1M	607
2M	152
3M	67

Ordering data

Product Name	Wattage (W)	CCT (K)	Beam Angle (°)	CRI	Light Output Steady Stage (lm)	Light Output Cold Stage (lm)
PL-18S-T-mwhIEyy-O2WDA2C8	18	5000	200	>80	2100	2300
PL-36S-T-mwhIEyy-O2WDA2C8	36	5000	200	>80	3900	4400
PL-60S-HT-mwhIEyy-O2WDA2C8	60	5000	200	>80	6300	700
PL-36S-T-mwhIE39-O2WDA2C8	36	5000	200	>80	3900	4400

* Other CCT options : 3000K, 4000K, 6500K.

Street Lamp Series



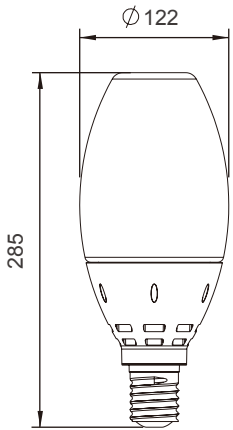
Metal Halide Replacement Lamp

ML - 80W / 50W / 36W

- Direct replacement to mercury-vapor lamps
- Comfortable lighting quality for CRI 80
- IP65 protection for outdoor applications
- Cooling by built-in FAN (80W only)
- System efficacy up to 140 lm/W (Ra > 70)
- Low color temperature (1800K, 2200K) with high lumen efficiency is an optional solution for foggy areas

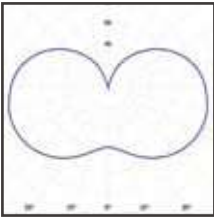
Dimensions [Unit : mm]

ML 36W	Weight : 1.0 Kg	Built-in Driver
ML 50W ML 80W	Weight : 0.95 Kg	External Driver



Photometry [Figures are shown in steady stage]

Beam Angle 270°



36W	LUX (WD,C8)
2M 0°	34.0
2M 30°	53.4
2M 60°	50.6
2M 90°	44.1

50W	LUX (WD,C8)
2M 0°	51.5
2M 30°	80.8
2M 60°	76.6
2M 90°	66.8

80W	LUX (WD,C8)
2M 0°	79.6
2M 30°	124.9
2M 60°	118.4
2M 90°	103.4

Ordering data

Product Name	Wattage (W)	CCT (K)	Beam Angle (°)	CRI	Light Output Steady Stage (lm)	Light Output Cold Stage (lm)
ML-36S-T-E39-T2WDA2C8	50	5000	270	>80	3900	4300
ML-50S-V-Eyy-C2WDA2C8	50	5000	270	>80	5500	6100
ML-80S-V-Eyy-T6WDA2C8	90	5000	270	>70	10000	11200
ML-80S-V-Eyy-T6WDA2C7	90	5000	270	>80	9400	10500

* Other CCT options : 3000K, 4000K, 6500K.

Marine Lighting

Ocean-900W
Ocean-600W

High Bay Light
HBLA-300ML
HBLA-900W

Flood Light
HLC-120W DC24V
HLC-120W / 200W
HLE-100W / 200W

WLA series

HLE-100W ML

HLC 120W DC24V

Ocean 900W

Ocean 600W

HBLA-300ML
Custom made

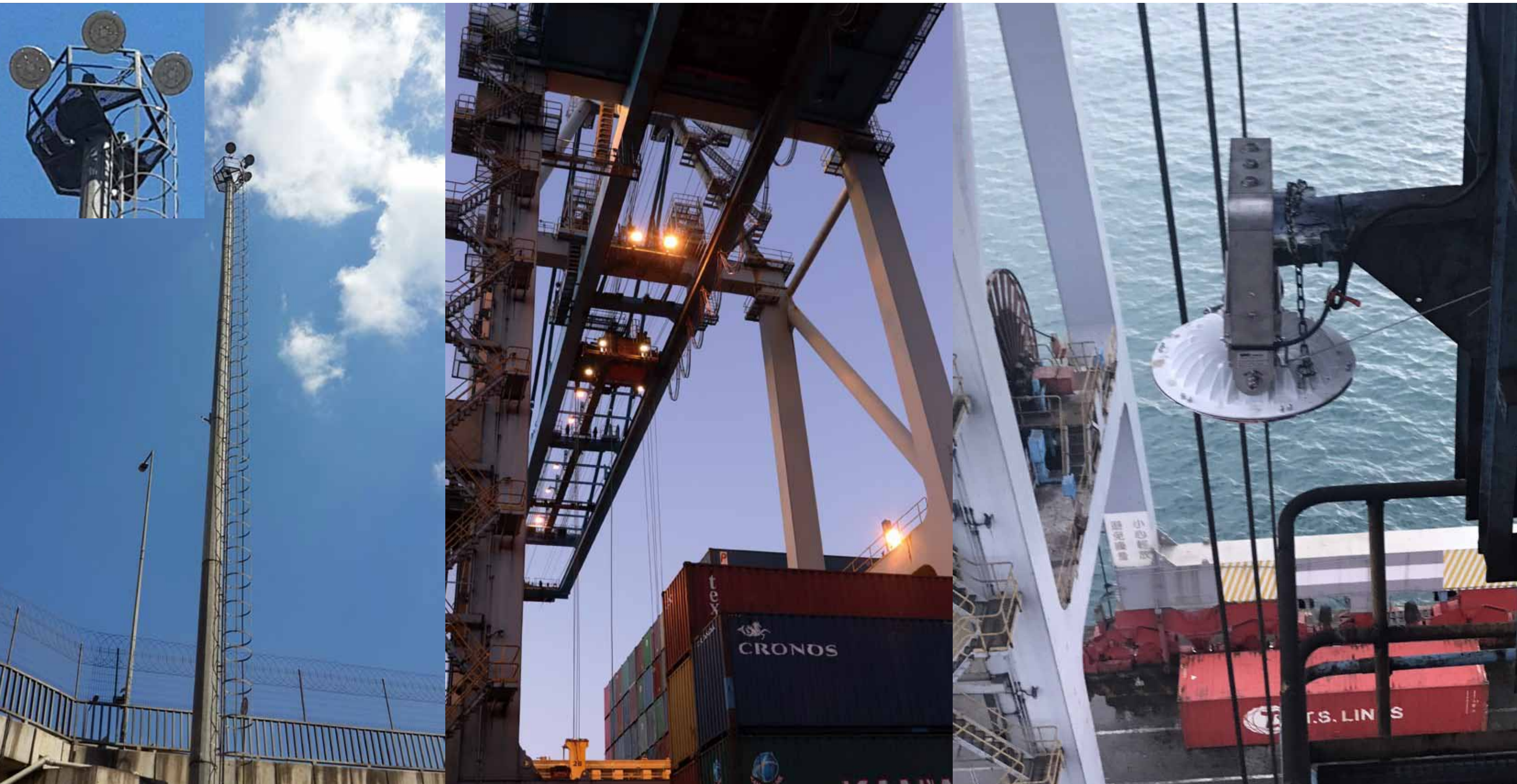
HLE-200W ML

HLC 120W / 200W

WLA series

HBLA-300ML with extend bracket







SMART Lighting IOT



GWZB-AV-NIP-AL is an IoT gateway with 9 x 11cm small size, equipped with 802.11n MTK MT7688 AP router and Ubec Zigbee ZHA coordinator. Powerful with mesh network functions could enhance the stability of network. Compliance with Zigbee Home Automation can control Zigbee devices like lamps and other sensors.



CBZB-AT-NIP-AL
ZIGBEE embedded LED control box
100% flexibility and easy installation

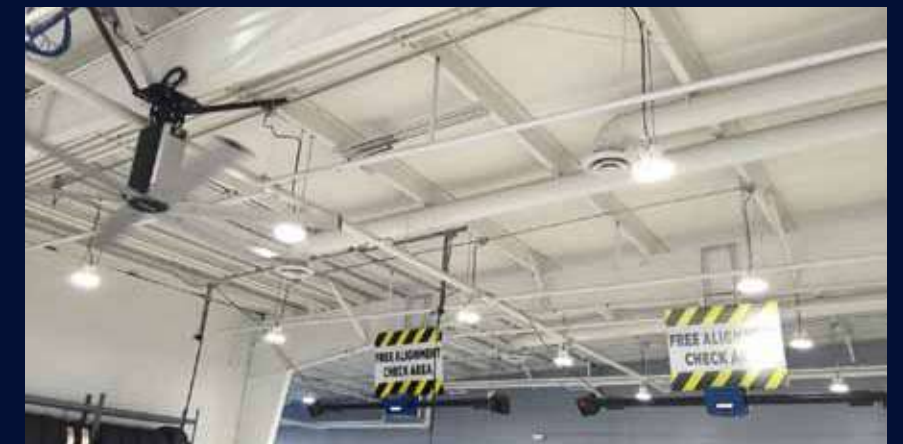


RCZB-AD-NIP-AL-F6
Remote Controller

Wireless Control System

Press and Play, Pairing and Controlling
Energy Saving , Long Life Time, Quick Setup,
Easy Maintenance, Flexible Expansion

All technical data are subject to change without notification.



Powerful Capability : application usage high bay 150W
LED Control box up to 50 nodes





ALDER

Brighten up the vision

Y20MAR-VER.03

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