

LED BAY LIGHT



Features

- Active cooling type or natural cooling type available
- Various option covers & installation types
- Wide applications from industrial to commercial
- Various beam angles
- Lightweight
- IP66 rated for protection against dust and moisture, ideal for outdoor environment

Applications

- Factories, warehouses, gymnasiums, big-box retails, exhibition halls

Replacements

- HID (High Intensity Discharge) 150W ~ 1KW
 - POSCO LED 80 ~ 430W



Save up to
68%

LED BAY LIGHT

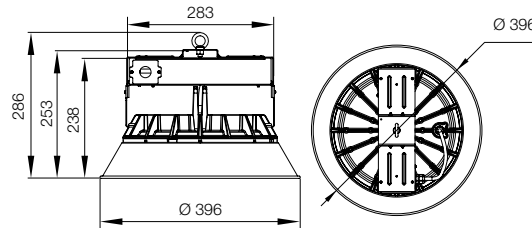
Natural Cooling Type

The light's on for you

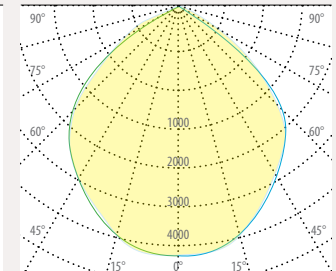
BL085/BL115



Dimensional Drawing [mm]

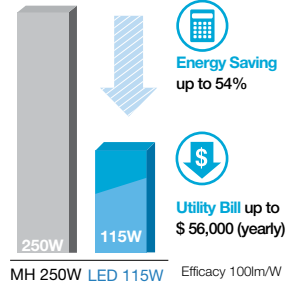


Light Distribution Curve 115W



Saving Effect

MH250W can be replaced



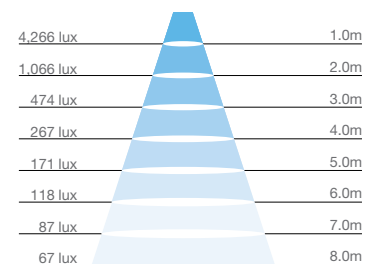
Multi-use LED Low Bay Light

• Various Louver Designs Available

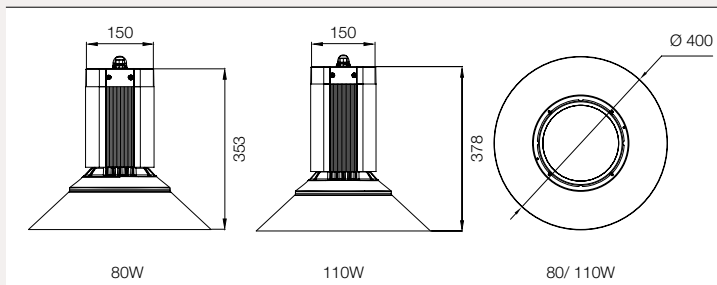


Cone Lux Level(m)

115W

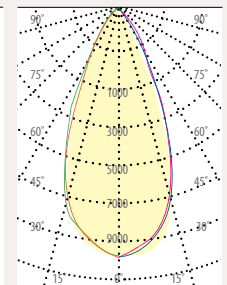


BL080/ BL110



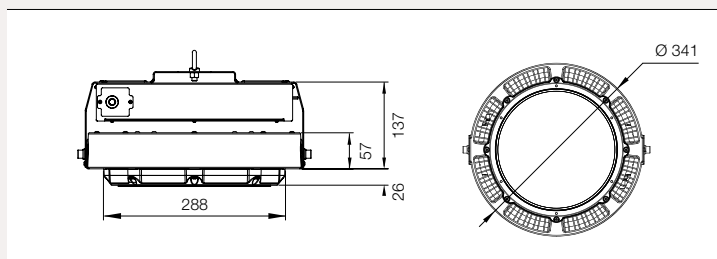
BL080

45°



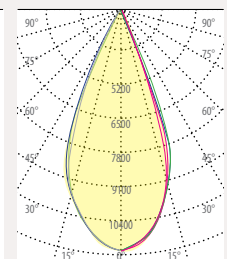
BL155/175

175W



BL155

45°



Specifications

Product Code	Watts (W)	Vin(VAC)	CCT (K)	CRI (Ra)	Lumens (lm)	Beam Angles (deg.)	Weight (kg)	Dimensions ((DxH)mm)
PHB00803C140B	80	100 ~ 240	5,700	70 ↑	6,000	30/ 45/ 60	6.5	Ø 400 x 353
PHBCH854N3B10	87	100 ~ 240	5,000	80 ↑	11,500	110	4.5	Ø 304 x 204
PHB00A13C140D	110	100 ~ 240	5,700	70 ↑	8,250	30/ 45/ 60	6.8	Ø 400 x 378
PHBCHA15N3C00	115	100 ~ 277	5,000	80 ↑	11,500	110	4.8	Ø 396 X 286
PHBCHA54N3A0A	155	100 ~ 240	5,000	80 ↑	17,000	110	6.5	Ø 341 X 163
PHBCHA84N340B	175	100 ~ 240	5,000	80 ↑	15,700	45/ 60/ 115	6.7	Ø 341 X 163
PHBCHA84C140A	175	100 ~ 240	5,700	70 ↑	17,500	45/ 60/ 115	6.7	Ø 341 x 163

* Contents above are subject to change and may not immediately indicate ongoing and most recent changes.

LED BAY LIGHT

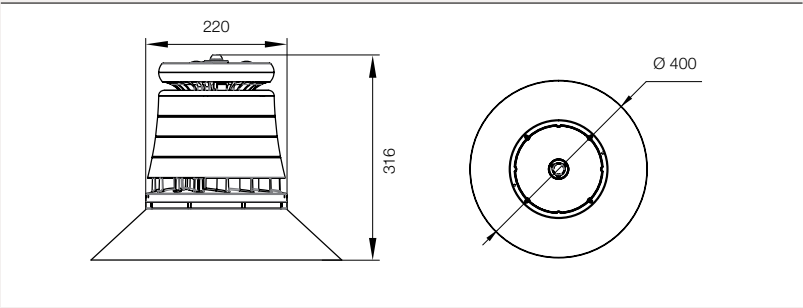
The light's on for you

Active Cooling Type

BL130

130W

Dimensional Drawing (mm)



Light Distribution Curve

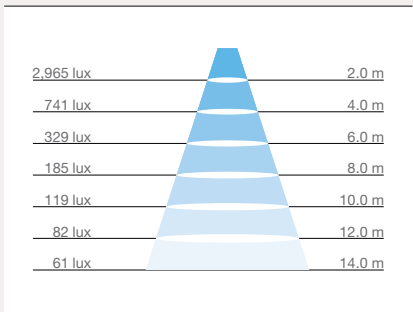
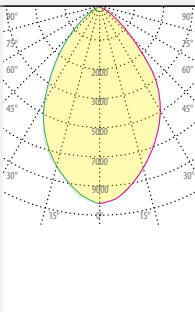
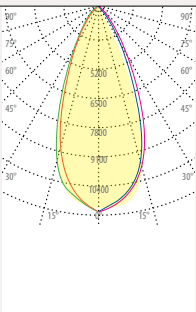
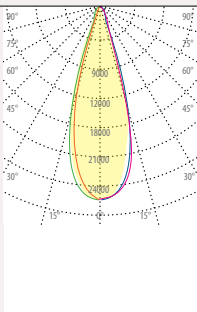
30°

45°

60°

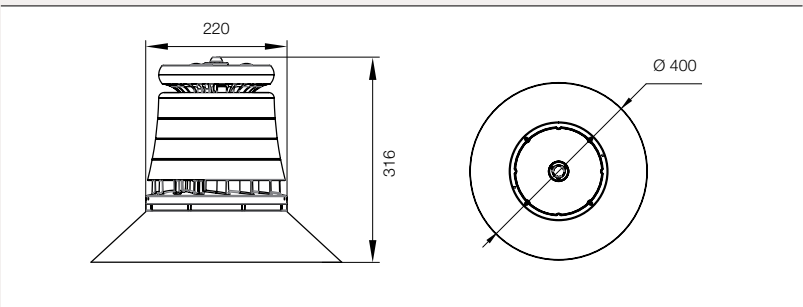
Cone Lux Level(m)

45°



BL230

230W

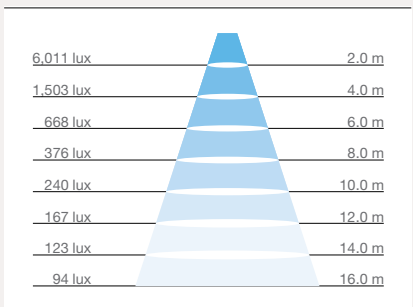
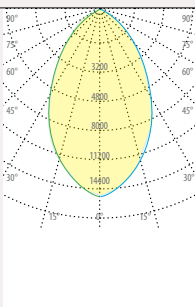
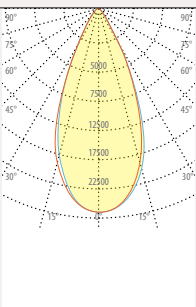
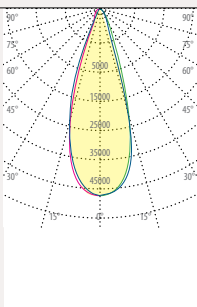


30°

45°

60°

45°



LED BAY LIGHT

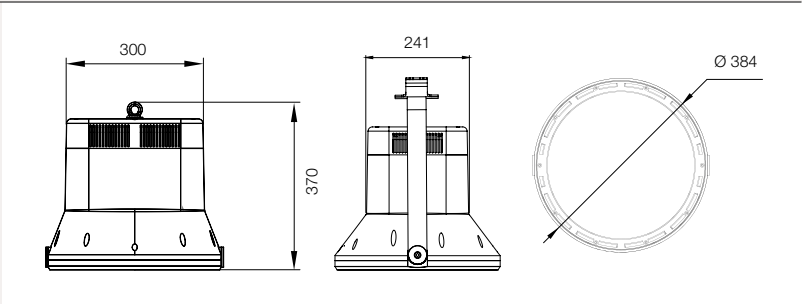
The light's on for you

Active Cooling Type

BL430

430W

Dimensional Drawing (mm)

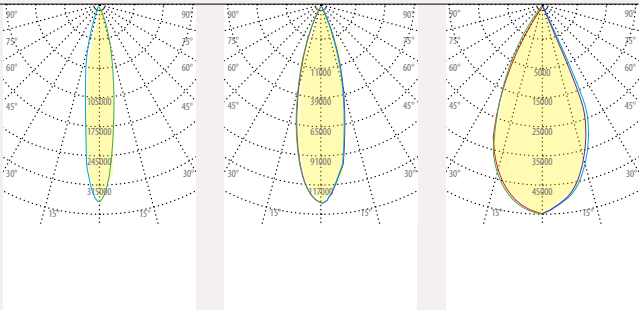


Light Distribution Curve

15°

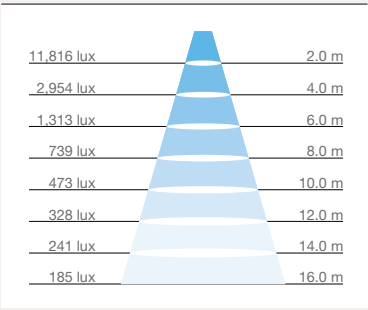
30°

45°



Cone Lux Level(m)

45°



Specifications

Product Code	Watts (W)	Vin (V AC)	CCT (K)	CRI (Ra)	Lumens (lm)	Beam Angles (deg.)	Weight (kg)	Dimensions ((D)(H)mm)
PHB00A33C140M	130	100 ~ 240	5,700	70 ↑	10,000	45 (30/ 60)	4.3	Ø 400 x 316
PHB00B33C140J	230	100 ~ 240	5,700	70 ↑	17,500	45 (30/ 60)	4.3	Ø 400 x 316
PHBBRC24N3400	320	100 ~ 240	5,000	70 ↑	32,500	45 (15/ 30)	13.6	Ø 384 x 370
PHBBRD33C1400	430	100 ~ 240	5,200	70 ↑	36,550	45 (15/ 30)	13.8	Ø 384 x 370

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Installation Type



Chain-pendant
type

Pipe-pendant
type

Bracket
type

Wall-mount
type

Major Advantages



Cost-efficiency



Environmental
Friendliness



Lightweight &
Small Size

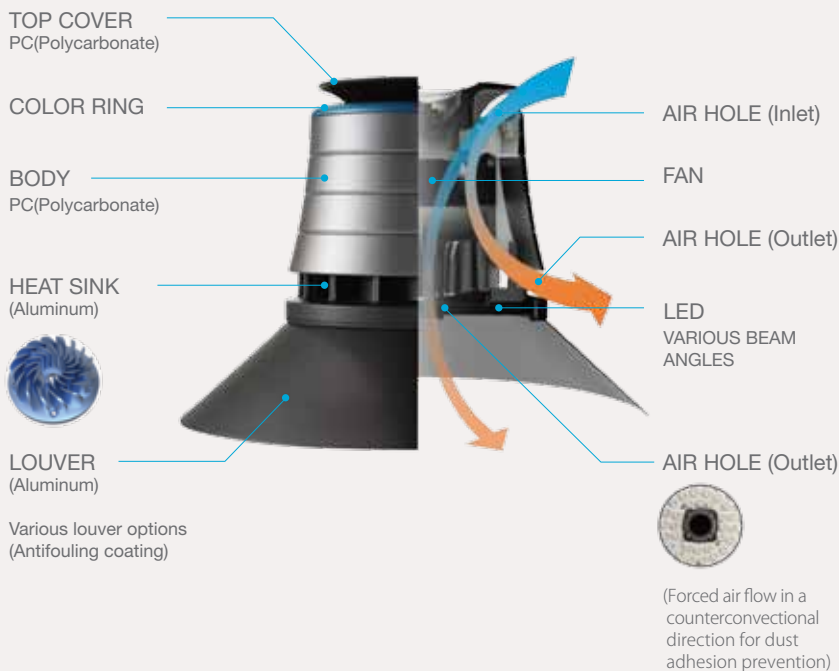


Smart Cooling &
Cleaning



Improved
Productivity

Functions (Active Cooling Type)



Features and Benefits of POSCO LED's Bay Lights

- The right solutions for extreme and hazardous industrial applications (high temperature, high humidity, dust, and vibration) like in steelworks.
- High efficiency & high reliability → Extended replacement cycle → Reduced downtime → Improved productivity & cost-saving

Smart cooling

Automatic temperature sensing

- Fan speed control
- Automatic cooling
- Improved lumen maintenance

Smart cleaning

Periodic reverse rotation of fan

- Removal of adhering dust
- Low failure rate
- Reduced maintenance costs

Solutions

By Installation Environment



Location	Typical factories with low ceilings (textile factories/ warehouses)
POSCO LED solution	Natural cooling type (60/ 80/ 110/ 115/ 175W)



Location	Extremely hazardous location factories with high ceilings (steelworks or chemical plants)
POSCO LED solution	Active cooling type (130/ 230/ 320/ 430W)



TREES 6,255 trees

CO₂ 125,093 kg

ENERGY 297,840 kWh

COST 18,953 USD

The annual effects
of replacing 200
conventional lamps with
POSCO LED products

NOTE : Values based upon 365days, 24hrs/day, electricity cost = 70KRW/kWh, exchange rate : 1USD =1,100KRW, annual CO₂ absorption/ tree = 20kg

POSCO Steel Works

POSCO steel works annually saves 18,953USD and 297,840kWh of electricity by replacing 200 conventional lamps with energy-efficient and eco-friendly POSCO LED lights. Furthermore, it reduces 125,093kg of CO₂ emission per year, which is equivalent to planting 6,255trees a year.



	Existing Lights	POSCO LED Lights
kWh/ year	700,800	402,960
Energy Saving		42 %
CO ₂ reduction (kg) per year		125,093
Energy cost saving (₩) per year		20,848,800

Replacement	
• HID 400W	POSCO LED Bay Light 230W