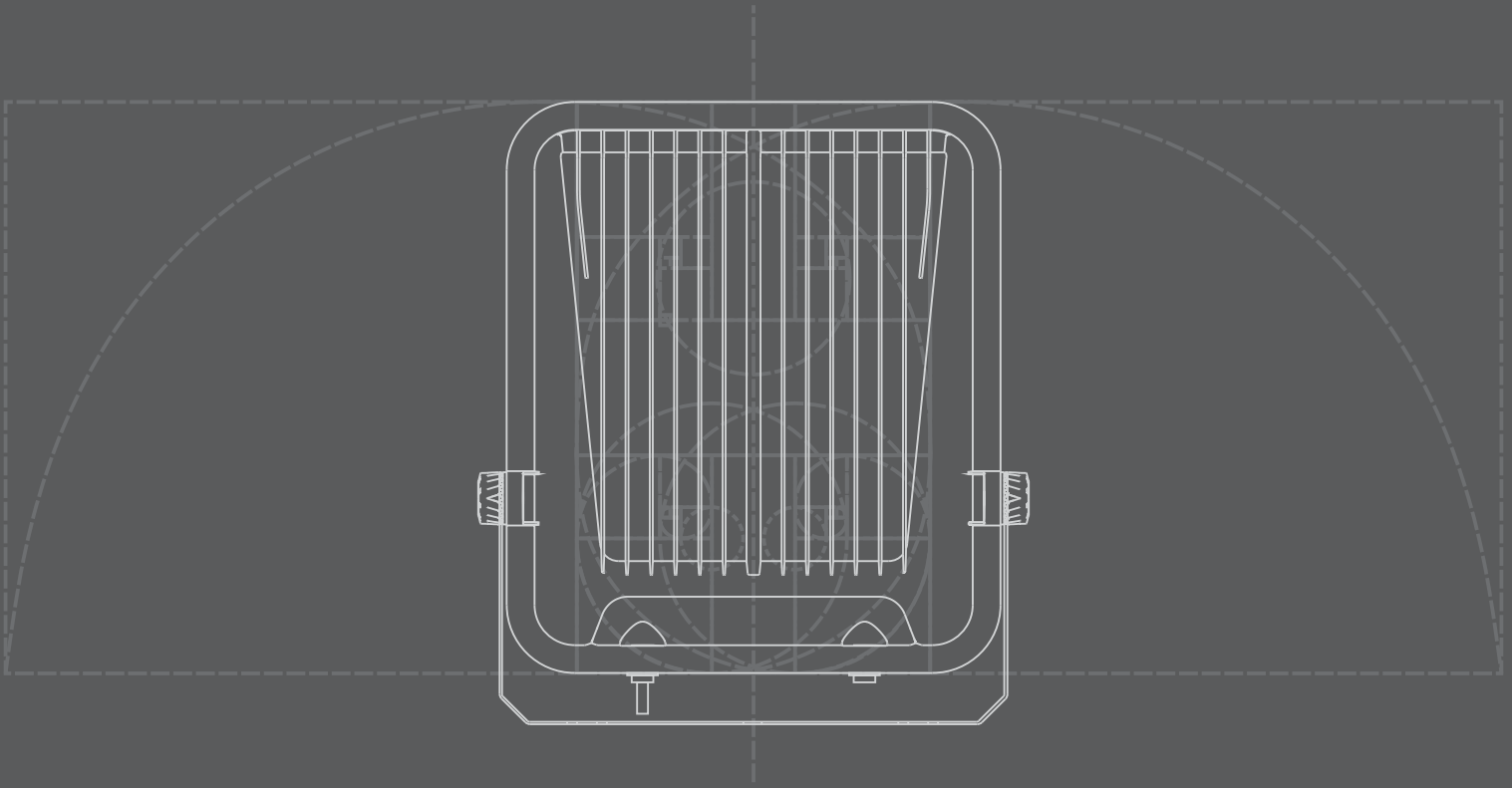


ZERO-COMPARE SERIES

DOB Lens
FLOOD LIGHT

50W
100W
200W

ZERO-COMPARE SERIES



TIMELESS **GOLDEN** ELEGANCE
CRAFTED TO PERFECTION, BUILT TO LAST.



LIGHTING IS NOT JUST ABOUT VISIBILITY

It's about creating atmosphere, emotion, and connection. The right light doesn't just illuminate a space; it transforms it, bringing architecture to life and moments into memory

ABOUT US

Dudhat Industries Pvt. Ltd. is a leading light manufacturer based in Ahmedabad, Gujarat, specializing in high-quality LED lighting solutions for residential, commercial, and industrial applications. Established in 2003, the company has rapidly built a reputation for innovation, performance, and reliability in the lighting industry.



MISSION

Delivering cutting-edge lighting products that drive performance, sustainability, and value for customers.



VISION

A global leader in advanced lighting solutions, enhancing environments with precision and efficiency.



VALUE

Excellence, Innovation, Sustainability, Integrity, and Customer Focus.

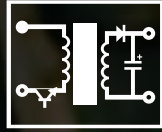


CERTIFICATION





Product Advantages



Isolated DOB
Effective protection
for safety



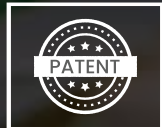
**Wide voltage and
constant current design,**
AC150V-265V for global use



Anti-surge 6KV
Overvoltage 440V
Conforms to national safety and quality standards



Operational temperature
from -35°C to +50°C



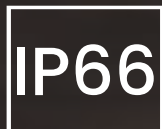
**Self-designed, private-mould products with
national design patents**



**Complied to national quality standards to ensure
the safety and quality of lamps.**



**Meeting national safety regulations and quality
inspection with relevant certifications to ensure the
safety and quality of the lamps.**



IP66 Fully enclosed waterproof design
Simple, reliable and stable



STANDARD BRIDGELUX LEDS LAMP BEADS

High-Performance LED Lens Floodlight 3000K | 4000k | 6500K

Our LED Lens Floodlight, powered by high-quality Bridgelux brand LEDs, offers a broad range of color temperatures from 3000K to 6500K—ensuring versatility for various outdoor and industrial lighting applications.

For general outdoor illumination, the preferred color temperature is approximately 6500K, which closely resembles natural daylight. This setting delivers optimal visibility and a balanced visual experience, making it ideal for areas that require both high performance and visual comfort.

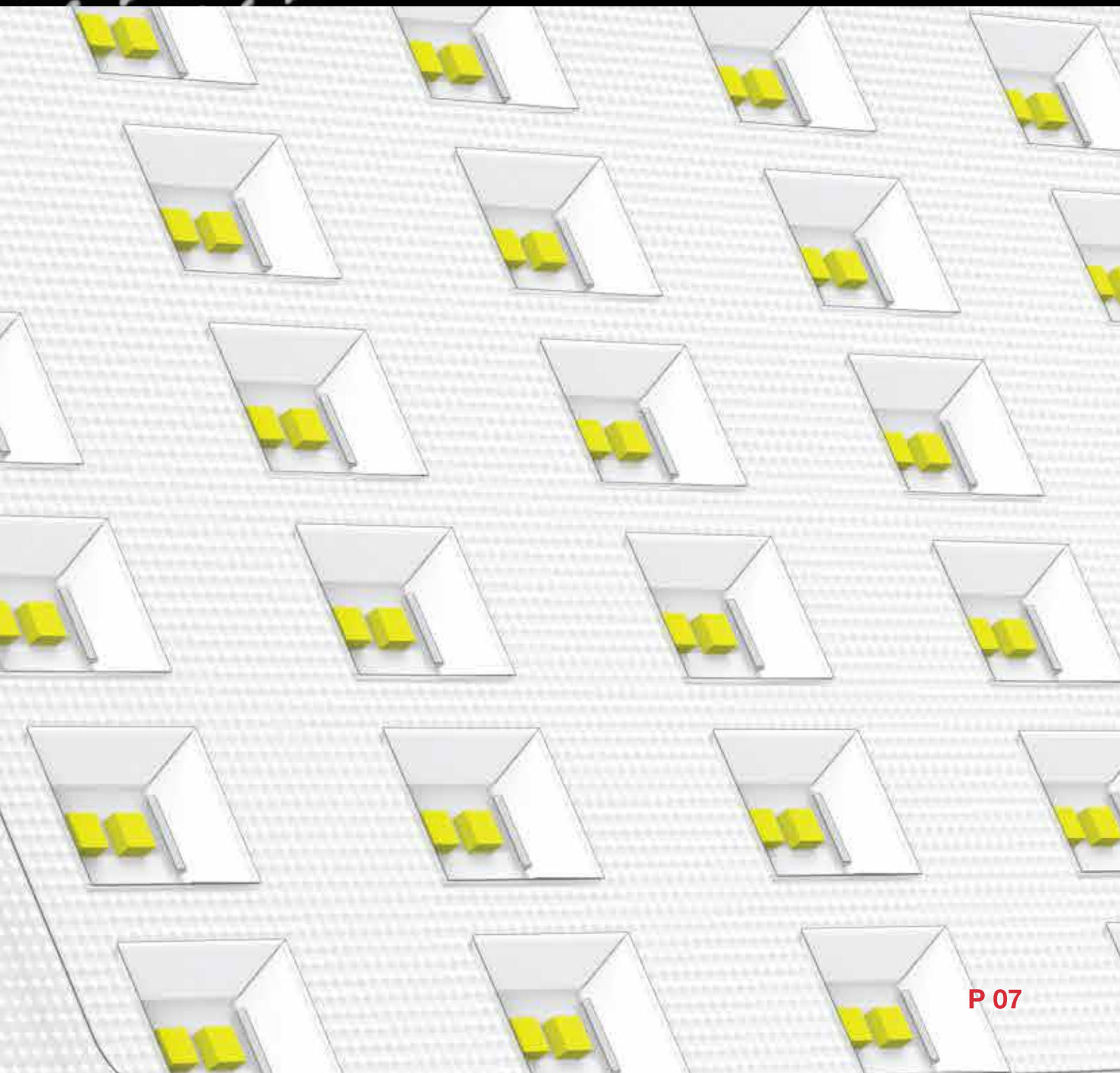
The floodlight is engineered to strike the perfect harmony between light color and luminous efficacy, achieving excellent brightness while maintaining energy efficiency. This balance aligns with industry standards and is consistent with the practices of global lighting leaders.

All variants within the 3000K–6500K range meet indoor color rendering index (CRI) standards with $Ra \geq 80$, providing accurate color reproduction and enhancing the true appearance of illuminated objects.

Additionally, our floodlight features advanced blue light attenuation technology, minimizing visual fatigue and offering effective protection for the eyes, especially during prolonged exposure.



Durable PC lens: high-temperature & UV-resistant



IP66

Built to perform in the harshest conditions, our DOB LED Lens Flood Light IP66 combines rugged durability with brilliant, focused illumination—rain, dust, or storm, nothing dims its shine.



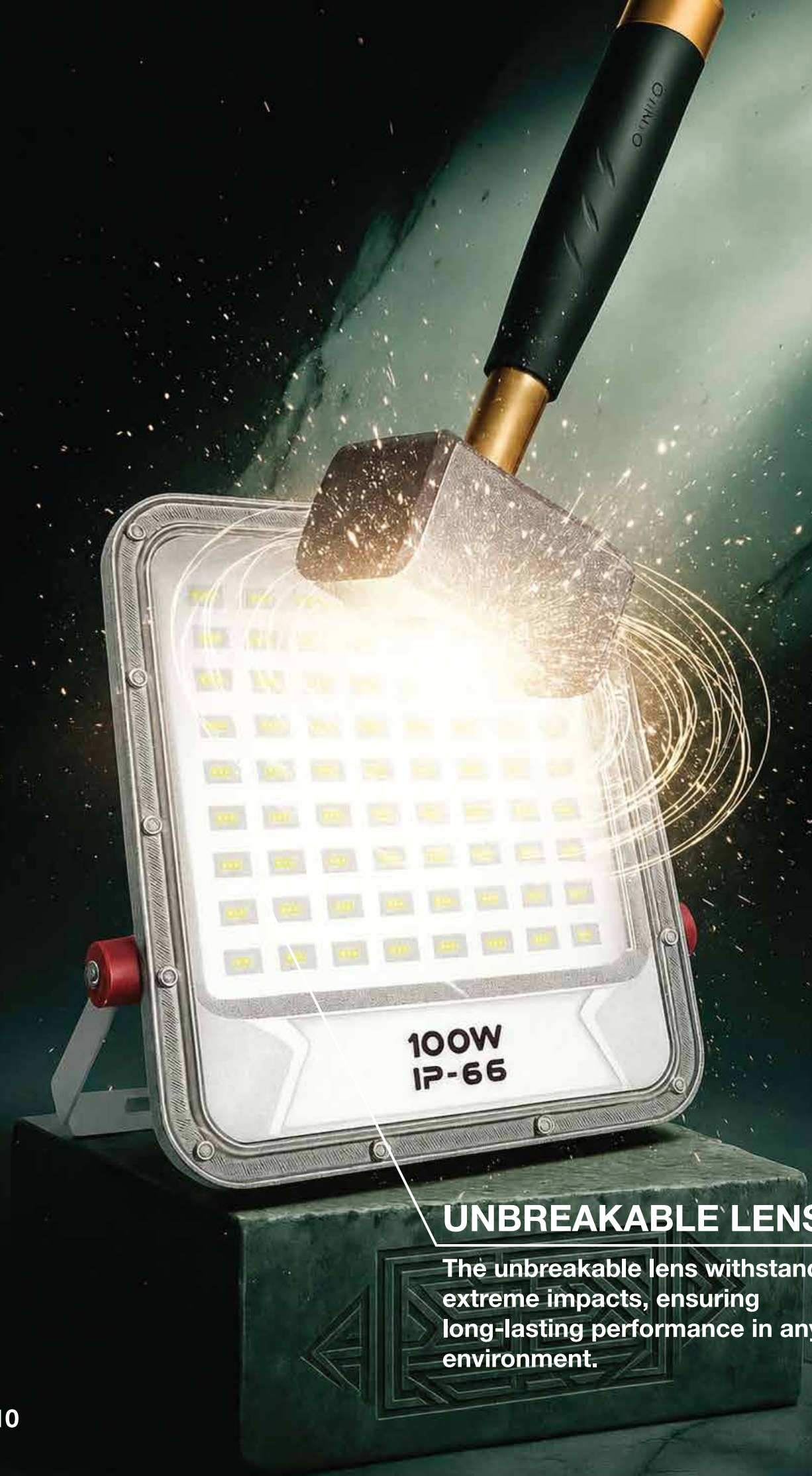
Ambient Temp 25°

75° Lamp Housing
Temperature

Heat Dispersion Design

With a die-cast aluminum body and finned structure that ensures efficient cooling and longer lifespan of the LEDs.





UNBREAKABLE LENS

The unbreakable lens withstands extreme impacts, ensuring long-lasting performance in any environment.

320° MOUNTING FLEXIBILITY

Flood light features a versatile 320° mounting angle for optimal coverage



MAXIMIZING AREA COVERAGE

Our DOB Flood Light spreads light at a 120-degree angle, providing wide and uniform illumination for large areas

OUR FLOOD LIGHT BEAM ANGLE



OTHER BRAND FLOOD LIGHT BEAM ANGLE

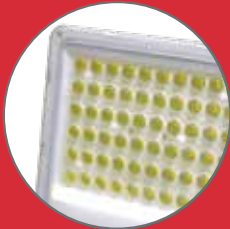


OTHER BRAND FLOOD LIGHT

01

YELLOW LENS AFTER USE

The flood light lens may yellow over time, leading to decreased lumen output and altered light color.



02

NO NAILS PROTECTION

It can cause product damage due to reduced stability, higher impact vulnerability, and increased wear over time.



03

NO BREATHER GLAND

Flood lights lacking a breather gland may suffer from internal fogging and early failure due to pressure imbalance.



Engineered to Resist Yellowing

Unlike other brands whose floodlight lenses turn yellow over time, our floodlight maintains its clarity and resists discoloration for long-lasting performance.

NAILS PROTECTION

Our floodlight's protective nails enhance durability and stability, ensuring strong reinforcement and lasting reliability.

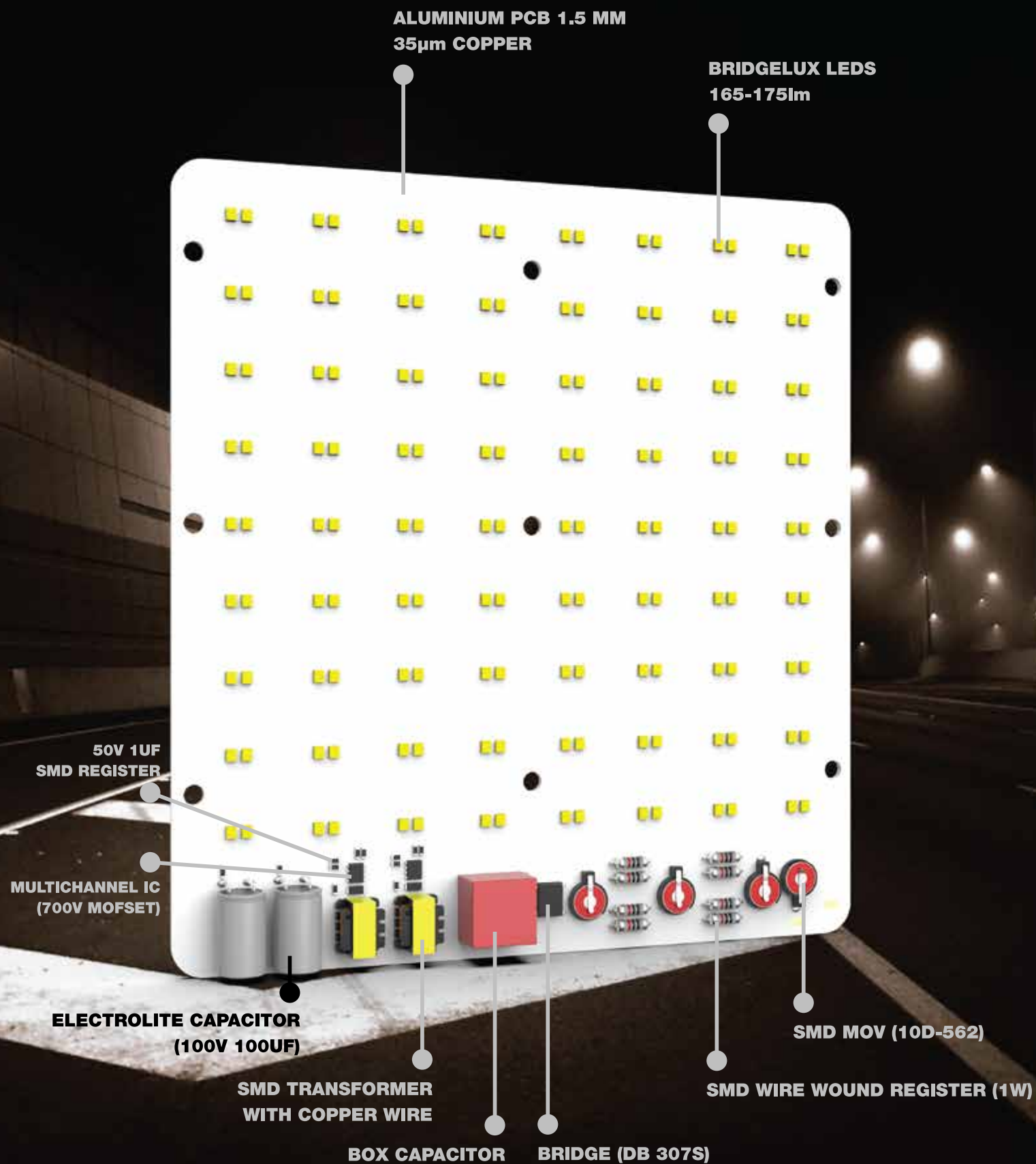


BREATHER GLAND

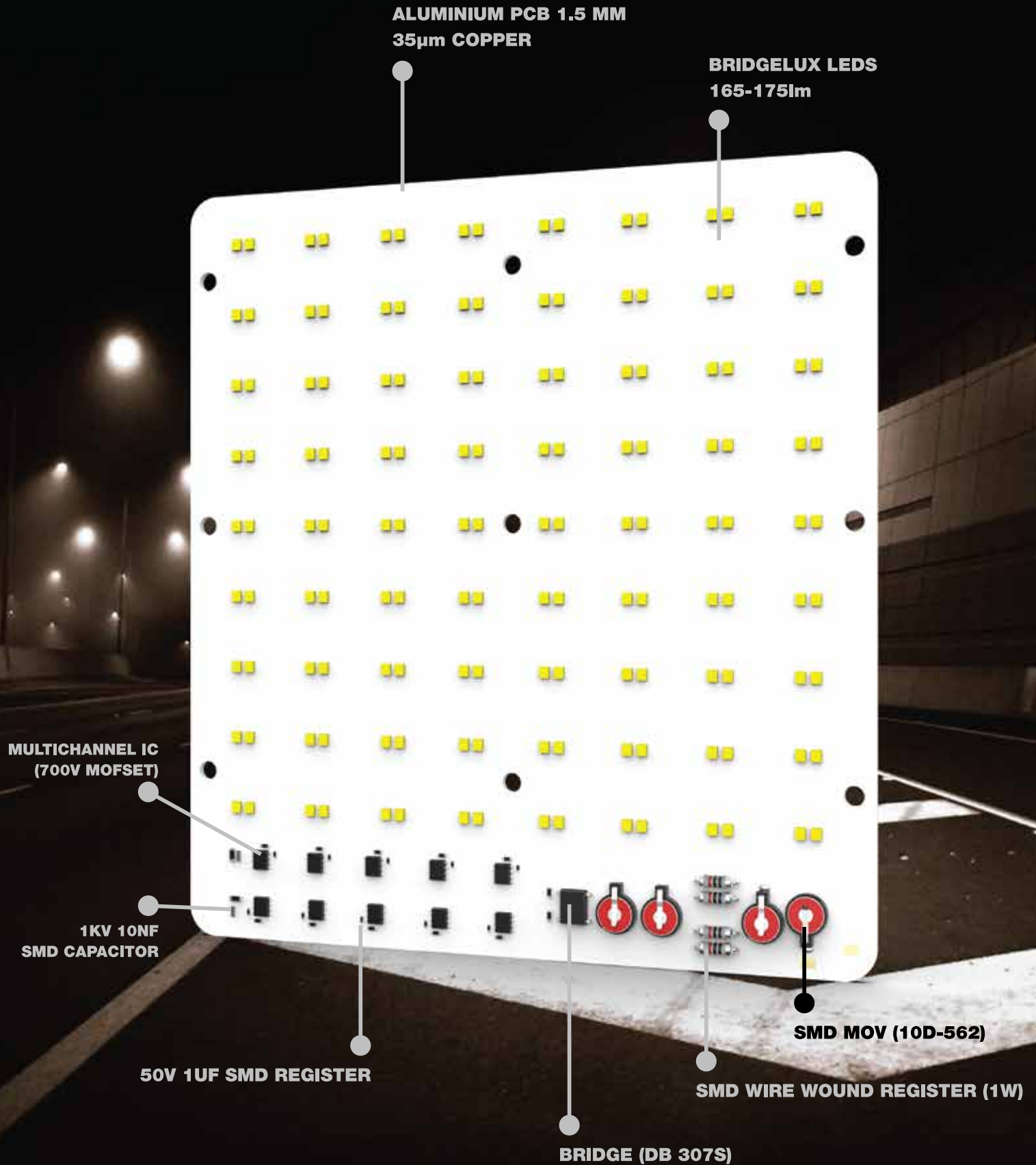
Our floodlight Breather Gland allowing airflow to prevent condensation or pressure buildup.



HYBRID DOB SCHEME (OPTION 1)



(OPTION 2) LINEAR SCHEME



OEM | ODM DOB LED LENS FLOOD LIGHT



● **SS FACE-MOUNT
SCREW**

● **PC LENS**

● **SILICON GASKET**

● **NANO PC REFLECTOR**

● **ALUMINIUM DIE CAST
BODY**

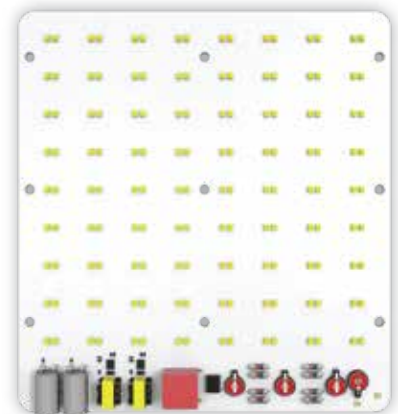
● **SS CABLE GLAND**

● **BREATHING GLAND**

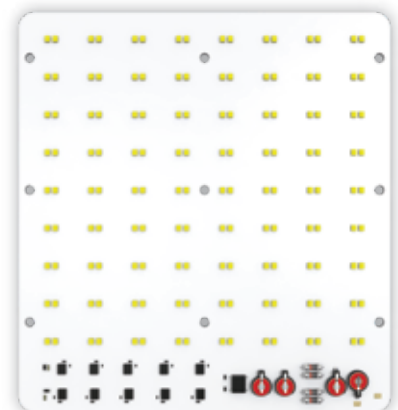
● **ADJUSTABLE
HANDLE BRACKET**

● **SS SCREW**

HYBRID DOB SCHEME



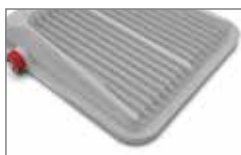
LINEAR SCHEME



DOB0001



50W



Product Features

AC150-265V isolated, constant current DOB with waterproof design

High luminous efficacy- up to 110lm/W

High transmittance, multi-angle lens adaptable, soft light

IP66 waterproof grading

Anti-surge 6KV drive, effective response to the impact of high

Voltage and current interference, improving the reliability of the lamp

Meeting the national safety regulations

Applications

Factories, Plants, Warehouses, Petrol Pumps, Toll Plaza, Billboards

Security & Perimeter Light, Exterior Canopies, Building & Monuments

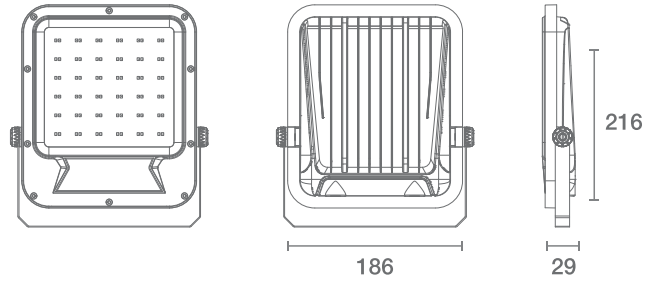
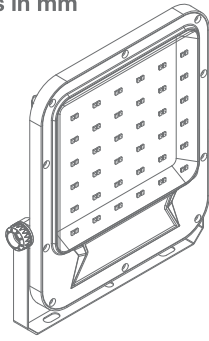
Technical Specifications

Model No.	DOB0001
Power	50W (±5%)
Input Voltage	150V-265V
Out Voltage	DC38V-52/60-80V
Power Factor	≥0.95
Surge	6kv
LED	BRIDGELUX 165-175LM
CCT	3000K/4000K/6500K
CRI	Ra 80
Luminous Efficiency	≥110 lm/W
Luminous flux	≥5500 lm
Beam Angle	120°
Work Environment	-35~50°C
Rated Life	50000 Hr
IP Rating	IP66
Suggest Projection Distance	3-5M
Guarantee Period	2 year *

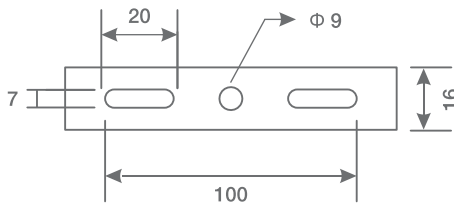


CERTIFICATION

Dimensions in mm

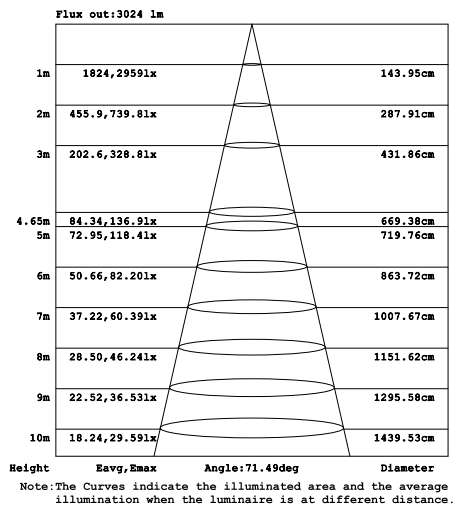


Support Size

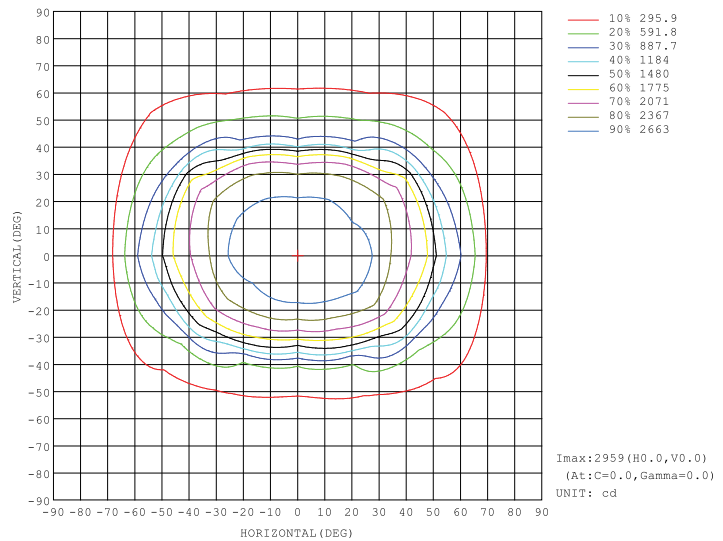


Product Size	: 186 mm x 29 mm x 216 mm
Lamp Shell Color	: Grey
Material	: ADC12 + PC Lens + Silicone Strip + Iron Bracket
Product Net Weight	: 0.580 kg
Casting Weight	: 220 gm
No. Of Product Per Cartoon	: 20 pcs
CNT of Size (mm)	: 520 mm x 240 mm x 460 mm
G.W./CTN	: 14.5 kg

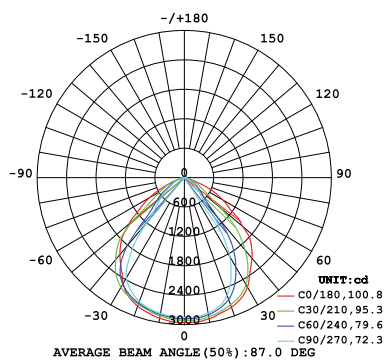
Illuminance Reference Chart



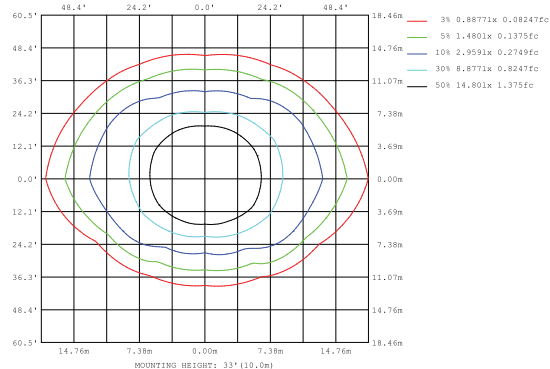
Isocandela Diagram



Light Distribution Curve



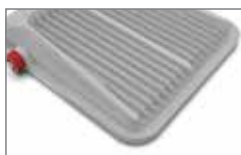
Isolux Diagram



DOB0002



100W



Product Features

AC150-265V isolated, constant current DOB with waterproof design

High luminous efficacy- up to 110lm/W

High transmittance, multi-angle lens adaptable, soft light

IP66 waterproof grading

Anti-surge 6KV drive, effective response to the impact of high

Voltage and current interference, improving the reliability of the lamp

Meeting the national safety regulations

Applications

Factories, Plants, Warehouses, Petrol Pumps, Toll Plaza, Billboards

Security & Perimeter Light, Exterior Canopies, Building & Monuments

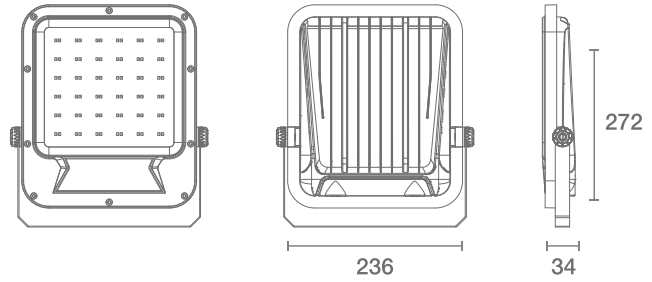
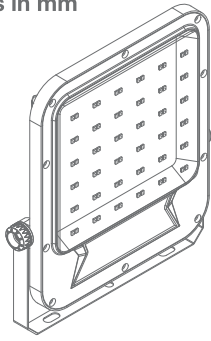
Technical Specifications

Model No.	DOB0002
Power	100W (±5%)
Input Voltage	150V-265V
Out Voltage	DC38V-52/60-80V
Power Factor	≥0.95
Surge	6kv
LED	BRIDGELUX 165-175LM
CCT	3000K/4000K/6500K
CRI	Ra 80
Luminous Efficiency	≥110 lm/W
Luminous flux	≥11000 lm
Beam Angle	120°
Work Environment	-35~50°C
Rated Life	50000 Hr
IP Rating	IP66
Suggest Projection Distance	5-8M
Guarantee Period	2 year *

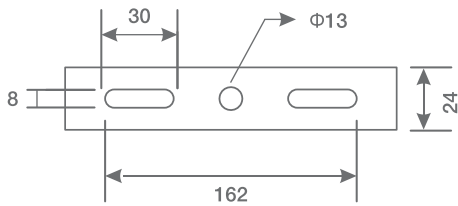


CERTIFICATION

Dimensions in mm



Support Size



Product Size	: 236 mm x 44 mm x 272 mm
Lamp Shell Color	: Grey
Material	: ADC12 + PC Lens + Silicone Strip + Iron Bracket
Product Net Weight	: 1 kg
Casting Weight	: 385 gm
No. Of Product Per Cartoon	: 10 pcs
CNT of Size (mm)	: 558 mm x 295 mm x 318 mm
G.W./CTN	: 13 kg

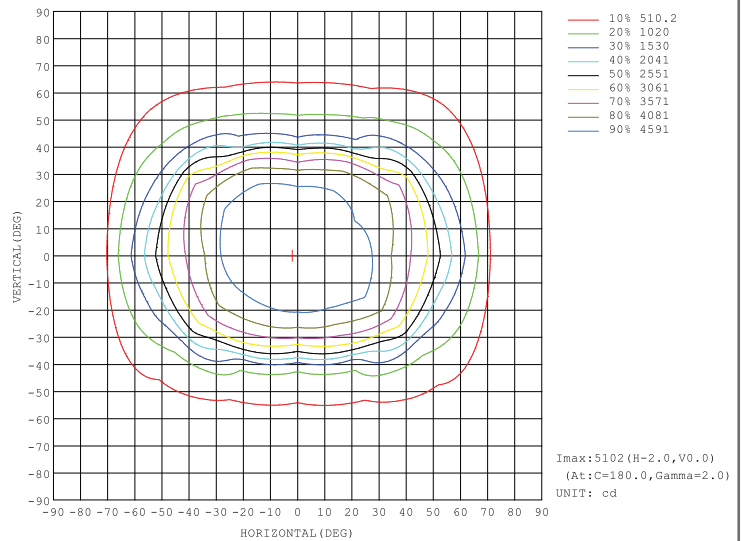
Illuminance Reference Chart

Flux out: 5873 lm

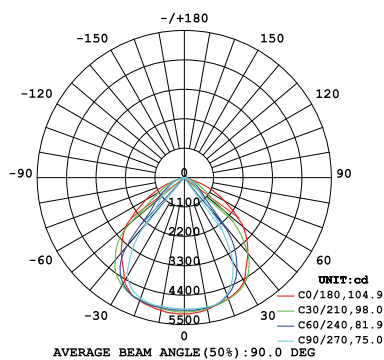
Height	Eavg, Emax	Angle: 74.90deg	Diameter
1m	3062, 5098lx		153.18cm
2m	765.6, 1274lx		306.37cm
3m	340.3, 566.4lx		459.55cm
4m	191.4, 318.6lx		612.73cm
5m	122.5, 203.9lx		765.92cm
6m	85.07, 141.6lx		919.10cm
7m	62.50, 104.0lx		1072.28cm
8m	47.85, 79.65lx		1225.46cm
9m	37.81, 62.94lx		1378.65cm
10m	30.62, 50.98lx		1531.83cm

Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

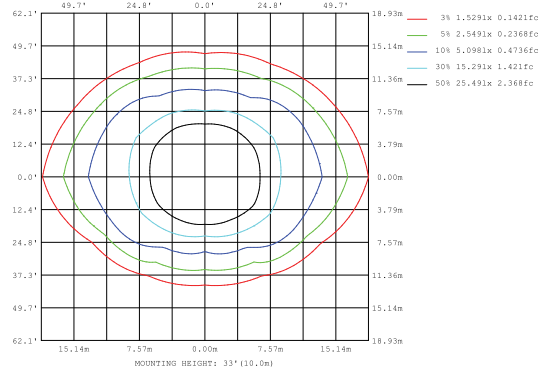
Isocandela Diagram



Light Distribution Curve



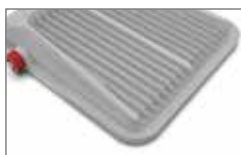
Isolux Diagram



DOB0003



200W



Product Features

AC150-265V isolated, constant current DOB with waterproof design

High luminous efficacy- up to 110lm/W

High transmittance, multi-angle lens adaptable, soft light

IP66 waterproof grading

Anti-surge 6KV drive, effective response to the impact of high

Voltage and current interference, improving the reliability of the lamp

Meeting the national safety regulations

Applications

Factories, Plants, Warehouses, Petrol Pumps, Toll Plaza, Billboards

Security & Perimeter Light, Exterior Canopies, Building & Monuments

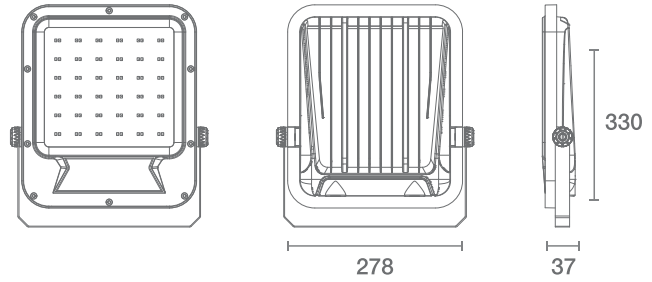
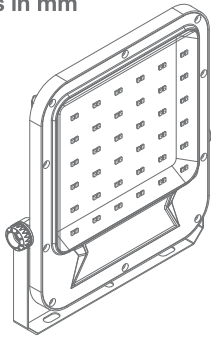
Technical Specifications

Model No.	DOB0003
Power	200W (±5%)
Input Voltage	150V-265V
Out Voltage	DC38V-52/60-80V
Power Factor	≥0.95
Surge	6kv
LED	BRIDGELUX 165-175LM
CCT	3000K/4000K/6500K
CRI	Ra 80
Luminous Efficiency	≥110 lm/W
Luminous flux	≥22000 lm
Beam Angle	120°
Work Environment	-35~50°C
Rated Life	50000 Hr
IP Rating	IP66
Suggest Projection Distance	8-10M
Guarantee Period	2 year *

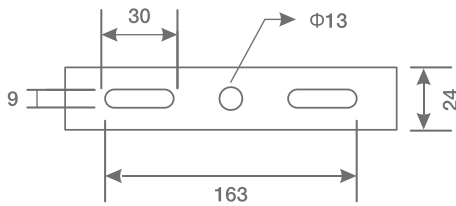


CERTIFICATION

Dimensions in mm



Support Size



Product Size	: 278 mm x 46 mm x 330 mm
Lamp Shell Color	: Grey
Material	: ADC12 + PC Lens + Silicone Strip + Iron Bracket
Product Net Weight	: 1.47 kg
Casting Weight	: 615 gm
No. Of Product Per Cartoon	: 5 pcs
CNT of Size (mm)	: 345 mm x 360 mm x 330 mm
G.W./CTN	: 9.5 kg

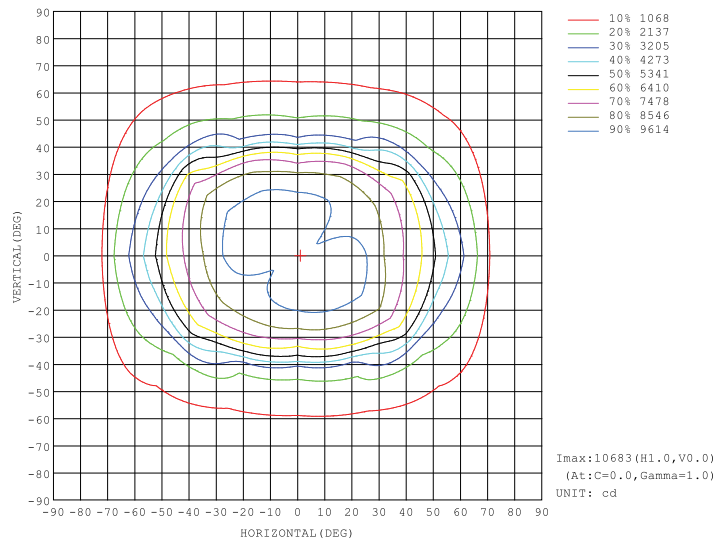
Illuminance Reference Chart

Flux out: 12552 lm

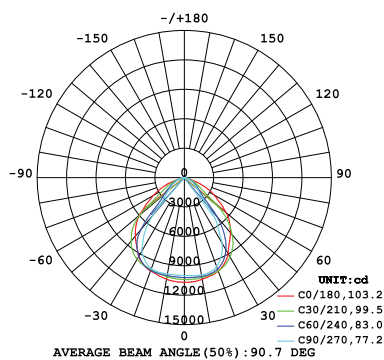
Height	Eavg, Emax	Angle: 76.27deg	Diameter
1m	6093, 10678lx		157.01cm
2m	1523, 2669lx		314.02cm
3m	677.0, 1186lx		471.03cm
4m	380.8, 667.4lx		628.04cm
5m	243.7, 427.1lx		785.05cm
6m	169.3, 296.6lx		942.06cm
7m	124.3, 217.9lx		1099.07cm
8m	95.21, 166.8lx		1256.08cm
9m	75.22, 131.8lx		1413.09cm
10m	60.93, 106.8lx		1570.10cm

Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

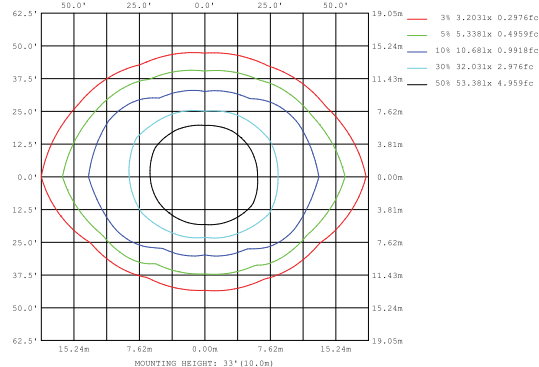
Isocandela Diagram



Light Distribution Curve



Isolux Diagram



Dudhat Industries Pvt. Ltd.



Contact for OEM : +91 93280 61721



Plot No. 218, Phase-5, Rudra Industrial Park,
B/H NK Estate, Bakrol Bujrang, Ahmedabad - 382433, Gujarat

