

LLP 112HB

High Power LED High Bay



BENEFITS

- Low Power Consumption—Total 137W
- High Brightness - Up to 8000 Lumens
- High performance optical system
- Long Life - Up to 60,000 Hours
- Robust Design - Shock and vibration resistant
- Light Beam - Low heat generated / no UV radiation
- Excellent thermal management
- Narrow or wide beam pattern
- Excellent luminaries efficiency >85-90%

MAIN SPECIFICATIONS

| | |
|--------------------|---------|
| LED Consumption | 112W |
| System Consumption | 137W |
| LED Initial Flux | 8770 1m |
| LED Maintain Flux | 8000 1m |

| | |
|-----------------------------------|---------------------------|
| Lighting fixture Luminous Flux | Narrow Beam |
| | With diffuser 6480 1m |
| | With out diffuser 7200 1m |
| | Wide Beam |
| With diffuser 5985 1m | |
| With out diffuser 6800 1m | |

| | |
|-----------------|------|
| Lamp Efficiency | >90% |
|-----------------|------|

General Specification

| | |
|-------------------------|-----------------------|
| Voltage range | AC100-240V, 50-60Hz |
| Power Efficiency | 82% |
| Beam Pattern/Beam Angle | Narrow(26°),wide(80°) |
| Operating Temp | -20to 45°C |
| Storage Temp | -40°C to 80°C |
| Life | >60,000Hrs |
| Working Humidity | 10-90% RH |
| Cut Out size mm | 400mm |
| Dimensions | 420mm dia x 431(H)mm |
| Weight | 10.6Kg |
| Working Temp | -20°C to 45 |

| | |
|---------------------------------------|---|
| Illumination (E) | Narrow Beam |
| | With diffuser (Height =8M) >225 Lux |
| | With out diffuser (Height =8M) >256 Lux |
| | Wide Beam |
| With diffuser (Height=8M) > 47 Lux | |
| With out diffuser (Height=8M) >50 Lux | |
| Correlated Colour Temp.(CCT) | 5000-7000K |
| CRI | Ra>75 |
| Cut Out size mm | 400mm |

Specifications subject to change without notice

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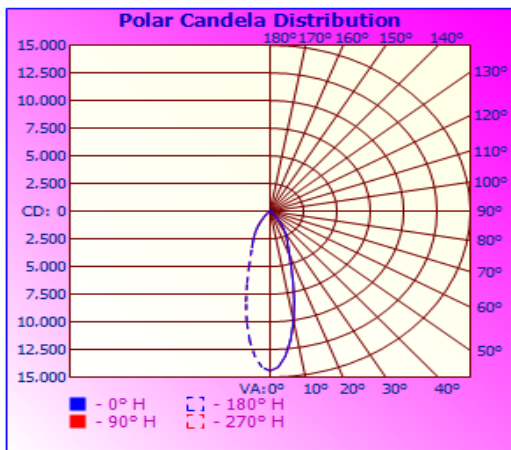
9, Farnborough Business Centre, Eelmoor Road, Farnborough, Hampshire. GU14 7QN

Tel: +44 (0) 1252 515565 Fax: +44 (0) 1252 546021

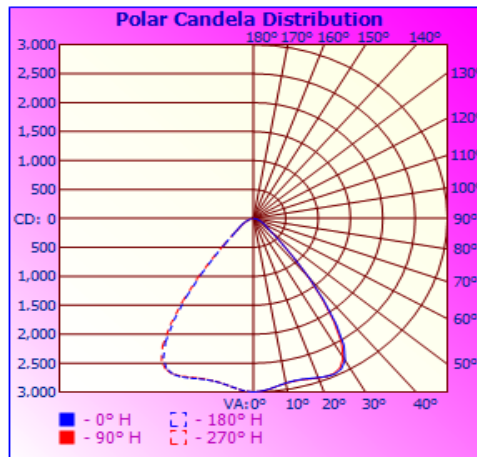
e-mail: sales@ledlite-power.com web: www.ledlite-power.com

Photometric Data –With diffuser
I .Beam pattern(Narrow, 26°)

II. Beam pattern(Wide,80°)



| Flood Summary | | | | |
|---------------|------------|---------|-------------------|-----------------|
| | Efficiency | Lumens | Horizontal Spread | Vertical Spread |
| Field (10%): | 83.8% | 5,026.3 | 70.6 | 70.8 |
| Beam (50%): | 32.8% | 1,970.1 | 28.5 | 28.3 |
| Total: | 99.7% | 5,982.8 | | |

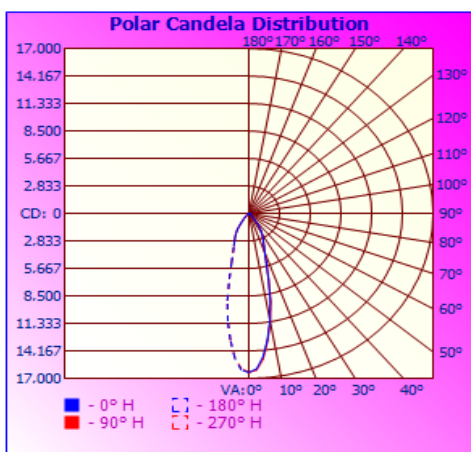


| Flood Summary | | | | |
|---------------|------------|---------|-------------------|-----------------|
| | Efficiency | Lumens | Horizontal Spread | Vertical Spread |
| Field (10%): | 92.3% | 4,400.4 | 104.7 | 105 |
| Beam (50%): | 77.1% | 3,677.4 | 78.1 | 77.8 |
| Total: | 99.9% | 4,765.2 | | |

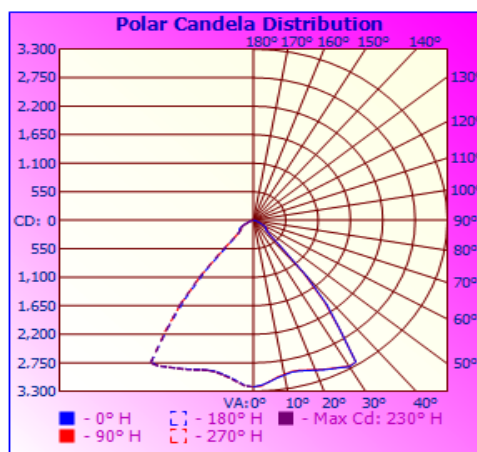
Photometric Data Without diffuser

1 Beam pattern(Narrow 26°)

11 Beam pattern(Wide, 80°)



| Flood Summary | | | | |
|---------------|------------|---------|-------------------|-----------------|
| | Efficiency | Lumens | Horizontal Spread | Vertical Spread |
| Field (10%): | 85.4% | 5,283.5 | 69 | 69.5 |
| Beam (50%): | 32.1% | 1,987.4 | 27.4 | 27.1 |
| Total: | 99.7% | 6,165.5 | | |



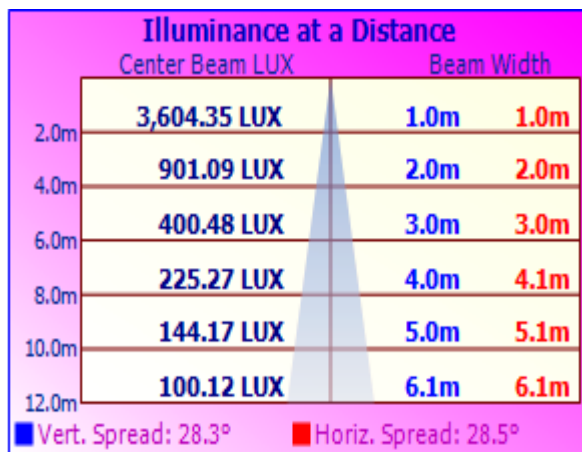
| Flood Summary | | | | |
|---------------|------------|---------|-------------------|-----------------|
| | Efficiency | Lumens | Horizontal Spread | Vertical Spread |
| Field (10%): | 90.2% | 4,502.4 | 79.1 | 92.2 |
| Beam (50%): | 80.7% | 4,028.1 | 57.3 | 73.5 |
| Total: | 99.9% | 4,989.5 | | |

Illuminance Distribution Vs Distance

LLP112HB With Diffuser

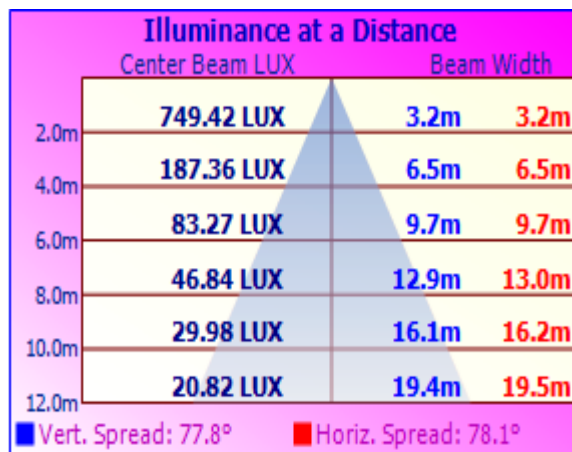
Narrow(26°) Beam (Max.) Distribution

White Colour



Wide (80°) Beam (Max) Distribution

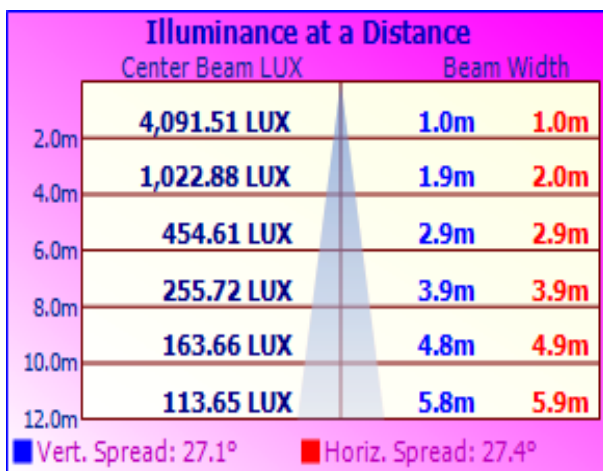
White Colour



LLP112HB Without Diffuser

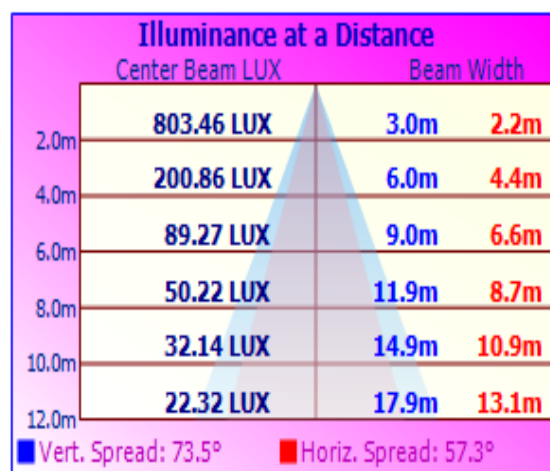
Narrow(26°) Beam(Max) Distribution

White Colour



Wide(80°) Beam (Max)

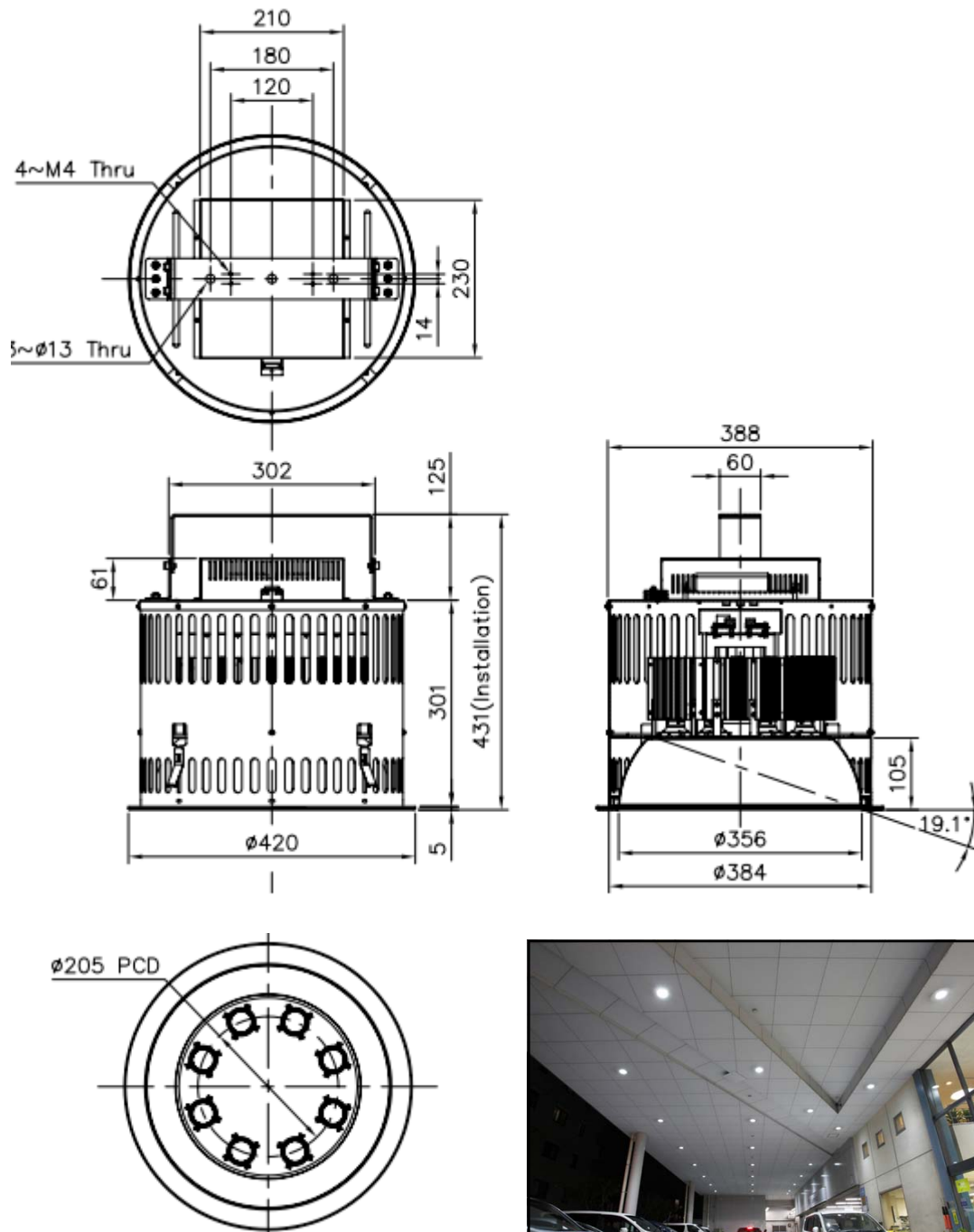
White Colour



Drawings :

LLP112HB

Dimensions: mm



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