



# Wall mounting ceiling downlight

Designing your lighting solutions

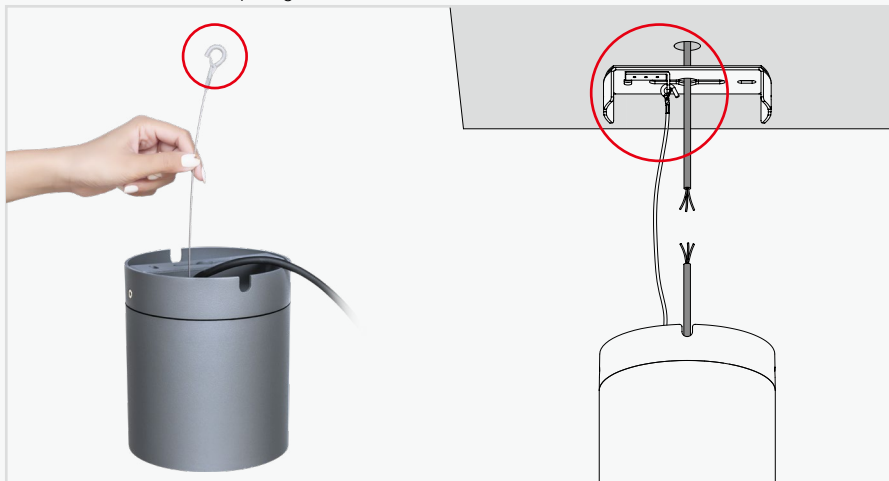


# Common feature

## Safety Hanger

- When wiring, install the safety hanger on the ceiling mount. There is no need to remove the hanger after completion, which can be used as a protection when removing the fitting.

Instructions for the use of safety hanger



## Upgraded Design and Performance

- 1 The outlooking is one-piece-formed with screwless cover.
- 2 Front cover is designed in stepped-shape which allow the light pattern diffuse evenly.

New ceiling down light appearance update instructions



# Wall Mounting Ceiling Down Light IP65



**ITEM**  
B8VH0126

**LIGHT SOURCE**  
1×6W

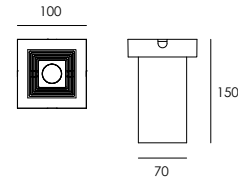
**LENS / SELECTED DEGREE(°)Ø1/2**  
B71 / 60°

**INPUT VOLTAGE(V)**  
DC 24 240

**OPERATING CURRENT(MA)**  
DC 24=330 240=36

**CONSUMPTION(W)**  
DC 24=7.9 240=8

**LUMINANCE(LM)**  
240V=699



**ITEM**  
B8WH0170

**LIGHT SOURCE**  
1×18W

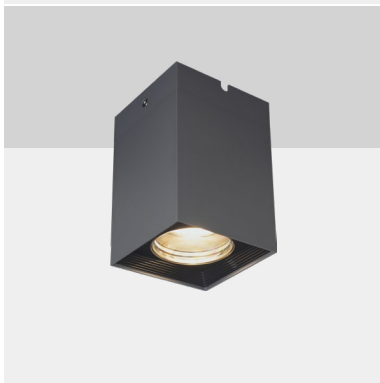
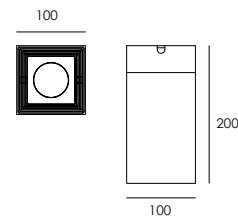
**LENS / SELECTED DEGREE(°)Ø1/2**  
B66 / 55°

**INPUT VOLTAGE(V)**  
DC 24 120 240

**OPERATING CURRENT(MA)**  
DC 24=800 120=178 240=90

**CONSUMPTION(W)**  
DC 24=19.2 120=20 240=20

**LUMINANCE(LM)**  
240V=2098



**ITEM**  
B8XH0174

**LIGHT SOURCE**  
1×29W

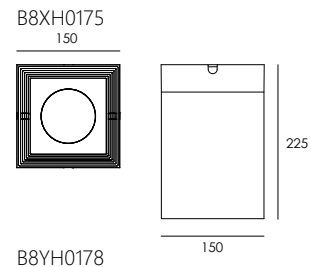
**LENS / SELECTED DEGREE(°)Ø1/2**  
B57 / 60°

**INPUT VOLTAGE(V)**  
DC 24 240

**OPERATING CURRENT(MA)**  
DC 24=1130 240=146

**CONSUMPTION(W)**  
DC 24=27 240=31

**LUMINANCE(LM)**  
240V=2777



**ITEM**  
B8YH0176

**LIGHT SOURCE**  
1×40W

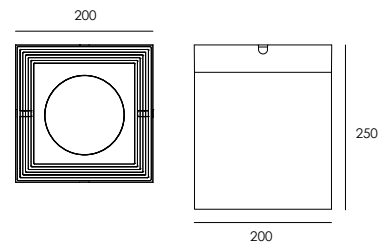
**LENS / SELECTED DEGREE(°)Ø1/2**  
B57 / 60°

**INPUT VOLTAGE(V)**  
DC 24 240

**OPERATING CURRENT(MA)**  
DC 24=1930 240=190

**CONSUMPTION(W)**  
DC 24=46 240=45

**LUMINANCE(LM)**  
240=4620



**HOUSING MATERIAL** Extruded aluminum alloy #6063

**PAINTING** Powder coating, T= 60~80 μm.  
Adhesion of ISO class 1/ASTM class 4B

**REFLECTOR** OPTICS reflector, efficiency≥85%

**LED** NICHIA

**POWER CABLE** Outside of luminaire  
H05RN-F 2×1.0mm<sup>2</sup>, L=0.3m(12V/24V)  
H05RN-F 3×1.0mm<sup>2</sup>, L=0.3m(120V/240V)

**OPERATING TEMPERATURE** -20°C~40°C




## REGULAR PAINTING COLOR

**Basic** Dark Grey KAP 7037

**Secondary** Sanded Black RAL 9005

Sanded White RAL 9003

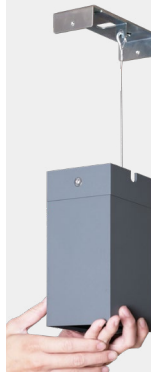
## OPTICS Referenced Degree(°)Ø1/2

|   |     |     |     |     |     |     |
|---|-----|-----|-----|-----|-----|-----|
|  | B71 | 15° | 24° | 33° | 45° | 60° |
|  | B66 | 15° | 20° | 25° | 38° | 55° |
|  | B57 | 15° | 25° | 36° | 60° | 3   |

# Wall Mounting Ceiling Down Light IP65



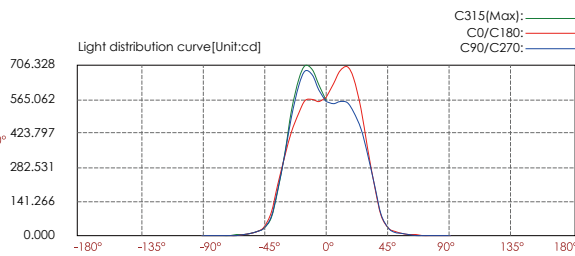
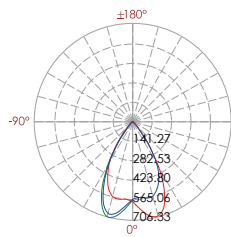
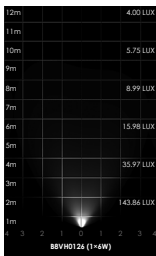
## FEATURES



### Safety hook

Hook at the fixator for safer wiring, leave the hook for protection.

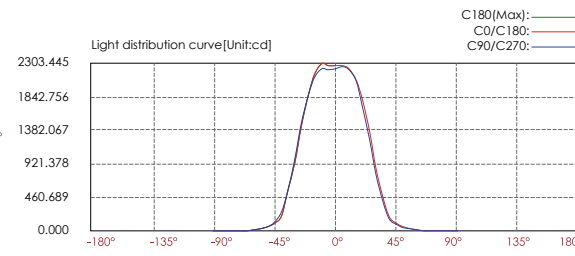
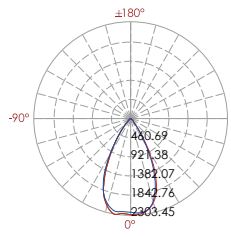
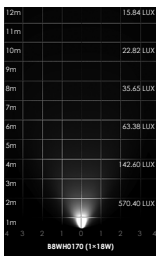
## PHOTOMETRIC



### Lux distance cure

| Center beam LUX | Illuminance at a distance |              |
|-----------------|---------------------------|--------------|
|                 | Beam width V              | Beam width H |
| 2m              | 143.86 LUX                | 2.5m 2.5m    |
| 4m              | 35.97 LUX                 | 5.1m 5.0m    |
| 6m              | 15.98 LUX                 | 7.6m 7.5m    |
| 8m              | 8.99 LUX                  | 10.2m 10.1m  |
| 10m             | 5.75 LUX                  | 12.7m 12.6m  |
| 12m             | 4.00 LUX                  | 15.3m 15.1m  |

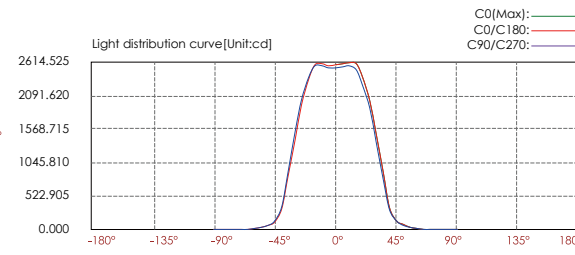
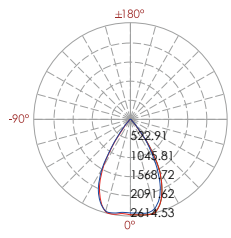
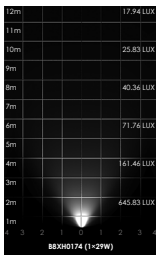
Horiz.Spread:64.9 Vert.Spread:64.4



### Lux distance cure

| Center beam LUX | Illuminance at a distance |              |
|-----------------|---------------------------|--------------|
|                 | Beam width V              | Beam width H |
| 2m              | 570.40 LUX                | 2.1m 2.1m    |
| 4m              | 142.60 LUX                | 4.2m 4.2m    |
| 6m              | 63.38 LUX                 | 6.3m 6.3m    |
| 8m              | 35.45 LUX                 | 8.4m 8.4m    |
| 10m             | 22.82 LUX                 | 10.5m 10.4m  |
| 12m             | 15.84 LUX                 | 12.7m 12.5m  |

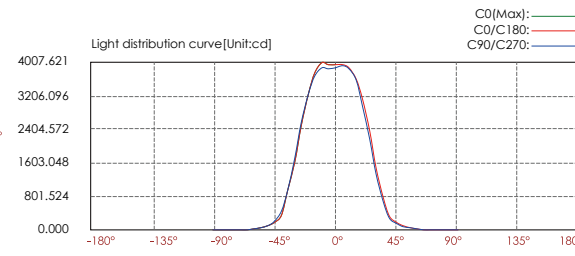
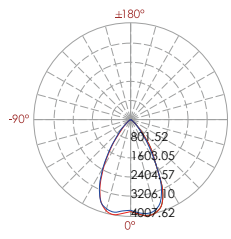
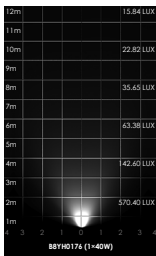
Horiz.Spread:55.6 Vert.Spread:55.2



### Lux distance cure

| Center beam LUX | Illuminance at a distance |              |
|-----------------|---------------------------|--------------|
|                 | Beam width V              | Beam width H |
| 2m              | 645.83 LUX                | 2.5m 2.5m    |
| 4m              | 161.46 LUX                | 4.9m 4.9m    |
| 6m              | 71.76 LUX                 | 7.4m 7.4m    |
| 8m              | 40.36 LUX                 | 9.9m 9.8m    |
| 10m             | 25.83 LUX                 | 12.3m 12.3m  |
| 12m             | 17.94 LUX                 | 14.8m 14.7m  |

Horiz.Spread:63.3 Vert.Spread:63.0



### Lux distance cure

| Center beam LUX | Illuminance at a distance |              |
|-----------------|---------------------------|--------------|
|                 | Beam width V              | Beam width H |
| 2m              | 570.40 LUX                | 2.1m 2.1m    |
| 4m              | 142.60 LUX                | 4.2m 4.2m    |
| 6m              | 63.38 LUX                 | 6.3m 6.3m    |
| 8m              | 35.45 LUX                 | 8.4m 8.4m    |
| 10m             | 22.82 LUX                 | 10.5m 10.4m  |
| 12m             | 15.84 LUX                 | 12.7m 12.5m  |

Horiz.Spread:55.6 Vert.Spread:55.2

# Wall Mounting Ceiling Down Light IP65



**ITEM**  
B8ELB0459

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**LIGHT SOURCE**  
4×3.5W

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**SELECTED DEGREE(°)Θ1/2**  
30°

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**INPUT VOLTAGE(V)**  
DC 24 120 240

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**OPERATING CURRENT(MA)**  
DC 24=630 120=146 240=73

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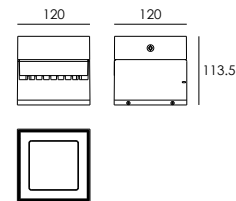
**CONSUMPTION(W)**  
DC 24=15 120=17.5 240=17

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**LUMINANCE(LM)**  
1206

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**IK**  
05



**ITEM**  
B8FLB0958

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**LIGHT SOURCE**  
9×3W

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**SELECTED DEGREE(°)Θ1/2**  
30°

---

**INPUT VOLTAGE(V)**  
DC 24 120 240

---

**OPERATING CURRENT(MA)**  
DC 24=1170 120=245 240=133

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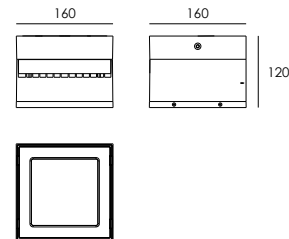
**CONSUMPTION(W)**  
DC 24=28 120=29.8 240=29.6

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**LUMINANCE(LM)**  
2541

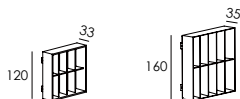
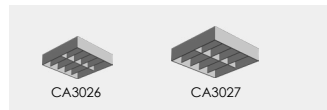
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**IK**  
06

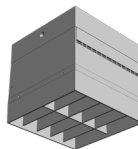


## ACCESSORIES(Optional)

### BEVEL CUT HOOD



| ID     | Fitted Item |
|--------|-------------|
| CA3026 | B8ELB0459   |
| CA3027 | B8FLB0958   |



**HOUSING MATERIAL** Extruded aluminum alloy #6063

**PAINTING** Powder coating, T= 60~80 μm.  
Adhesion of ISO class 1/ASTM class 4B

**REFLECTOR** OPTICS reflector. efficiency>85%

**LED** NICHIA

**POWER CABLE** Outside of luminaire  
H05RN-F 2×1.0mm<sup>2</sup>, L=0.3m(12V/24V)  
H05RN-F 3×1.0mm<sup>2</sup>, L=0.3m(120V/240V)

**OPERATING TEMPERATURE** -20°C~40°C

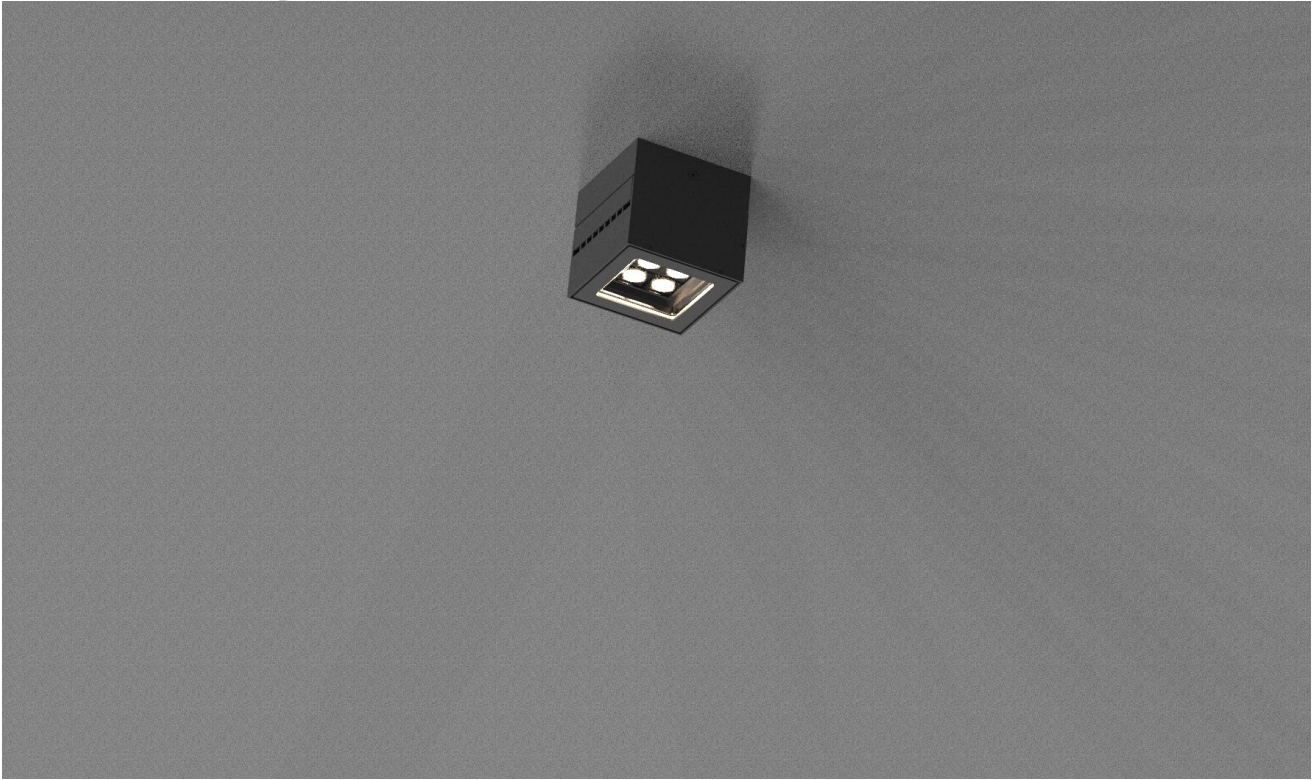
### REGULAR PAINTING COLOR

| Basic                 | Secondary                |
|-----------------------|--------------------------|
| Dark Grey<br>KAP 7037 | Sanded Black<br>RAL 9005 |
|                       | Sanded White<br>RAL 9003 |

### OPTICS

|        |    | Referenced Degree(°)Θ1/2 |     |     |     |     |  |
|--------|----|--------------------------|-----|-----|-----|-----|--|
| FB11B4 | 9° | 15°                      | 20° | 30° | 45° | 60° |  |
| FB12B5 | 9° | 15°                      | 20° | 30° | 45° | 60° |  |

# Wall Mounting Ceiling Down Light IP65



## FAMILY ITEM APPLICATIONS

Spotlight



B3EME0459

• See page 112



B3FME0958



B3GME2558

Surface Mounting Wall Light



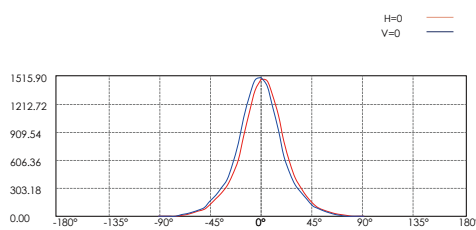
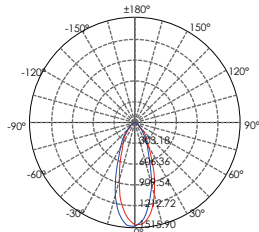
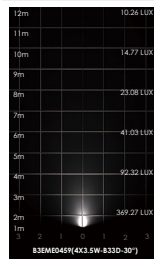
B7EMG0459

• See page 50



B7FMG0958

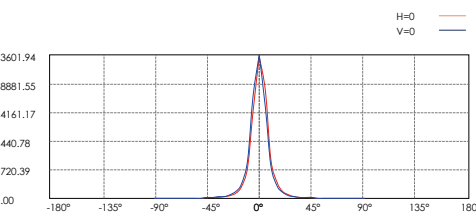
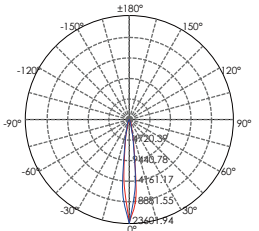
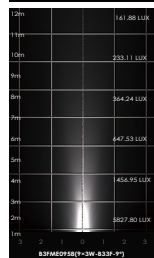
## PHOTOMETRIC



Lux distance Curve

| Distance (m) | Illuminance at a Distance |                |
|--------------|---------------------------|----------------|
|              | Center Beam LUX           | Beam Width V H |
| 2m           | 369.27 LUX                | 1.4m 1.4m      |
| 4m           | 92.32 LUX                 | 2.8m 2.8m      |
| 6m           | 41.03 LUX                 | 4.2m 4.3m      |
| 8m           | 23.08 LUX                 | 5.6m 5.7m      |
| 10m          | 14.77 LUX                 | 7.0m 7.1m      |
| 12m          | 10.26 LUX                 | 8.4m 8.5m      |

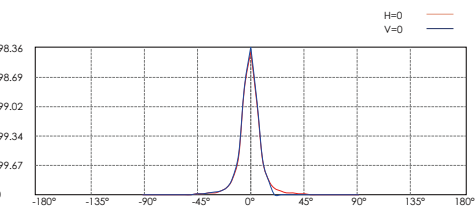
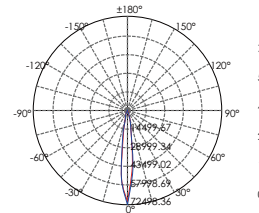
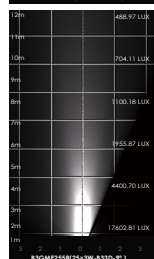
Vert.Spread:38.6 Horiz.Spread:39.0



Lux distance Curve

| Distance (m) | Illuminance at a Distance |                |
|--------------|---------------------------|----------------|
|              | Center Beam LUX           | Beam Width V H |
| 2m           | 5827.80 LUX               | 0.5m 0.5m      |
| 4m           | 1456.95 LUX               | 1.0m 1.0m      |
| 6m           | 647.53 LUX                | 1.5m 1.5m      |
| 8m           | 364.24 LUX                | 2.0m 2.0m      |
| 10m          | 233.11 LUX                | 2.4m 2.4m      |
| 12m          | 161.88 LUX                | 2.9m 2.9m      |

Vert.Spread:14.0 Horiz.Spread:14.0



Lux distance Curve

| Distance (m) | Illuminance at a Distance |                |
|--------------|---------------------------|----------------|
|              | Center Beam LUX           | Beam Width V H |
| 2m           | 17602.81 LUX              | 0.5m 0.5m      |
| 4m           | 4400.70 LUX               | 1.0m 1.0m      |
| 6m           | 1955.87 LUX               | 1.4m 1.5m      |
| 8m           | 1100.18 LUX               | 1.9m 2.0m      |
| 10m          | 704.11 LUX                | 2.4m 2.5m      |
| 12m          | 488.97 LUX                | 2.9m 3.0m      |

Vert.Spread:13.8 Horiz.Spread:14.2

# Wall Mounting Ceiling Down Light IP65



**ITEM**  
B8CJ0170

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**LIGHT SOURCE**  
1×18W

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**LENS / SELECTED DEGREE(°)Ø1/2**  
B66 / 55°

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**INPUT VOLTAGE(V)**  
DC 24 240

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**OPERATING CURRENT(MA)**  
DC 24=840 240=91

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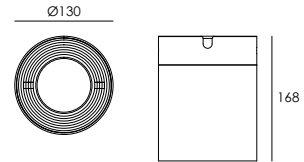
**CONSUMPTION(W)**  
DC 24=20.4 240=20.9

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**LUMINANCE(LM)**  
240=2205

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**IK**  
06



**ITEM**  
B8EK0174

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**LIGHT SOURCE**  
1×30W

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**LENS / SELECTED DEGREE(°)Ø1/2**  
B57 / 60°

---

**INPUT VOLTAGE(V)**  
DC 24 120 240

---

**OPERATING CURRENT(MA)**  
DC 24=1130 120=286 240=151

---

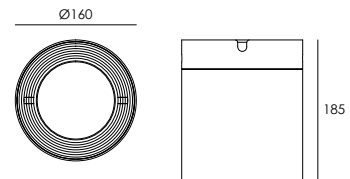
**CONSUMPTION(W)**  
DC 24=27 120=34.5 240=34.2

---

**LUMINANCE(LM)**  
240=2851

---

**IK**  
06



**ITEM**  
B8ER0178

---

**LIGHT SOURCE**  
1×48W

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**LENS / SELECTED DEGREE(°)Ø1/2**  
B57 / 60°

---

**INPUT VOLTAGE(V)**  
240

---

**OPERATING CURRENT(MA)**  
240=216

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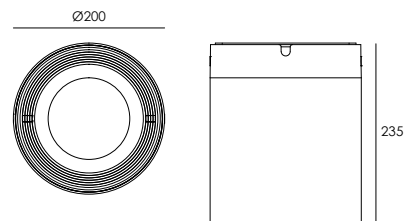
**CONSUMPTION(W)**  
240=50

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**LUMINANCE(LM)**  
240=4482

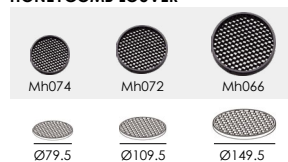
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**IK**  
06



## ACCESSORIES (Optional)

### HONEYCOMB LOUVER



| ID    | Fitted Item |
|-------|-------------|
| Mh074 | B8CJ0170    |
| Mh072 | B8EKU0174   |
| Mh066 | B8ERU0178   |



# Wall Mounting Ceiling Down Light IP65



|                              |  |
|------------------------------|--|
| <b>HOUSING MATERIAL</b>      | Extruded aluminum alloy #6063  |
| <b>PAINTING</b>              | Powder coating, T= 60~80 μm.<br>Adhesion of ISO class 1/ASTM class 4B  |
| <b>LIGHT WINDOW</b>          | Glass T=3mm  |
| <b>REFLECTOR</b>             | OPTICS reflector. efficiency≥85%   |
| <b>LED</b>                   | NICHIA   |
| <b>POWER CABLE</b>           | Outside of luminaire<br>H05RN-F 2×1.0mm <sup>2</sup> , L=0.3m(12V/24V)<br>H05RN-F 3×1.0mm <sup>2</sup> , L=0.3m(120V/240V) |
| <b>OPERATING TEMPERATURE</b> | -20°C~40°C   |

## REGULAR PAINTING COLOR

|  |   |
|--|---|
| <b>Basic</b>   | <b>Secondary</b>  |
|  Dark Grey<br><b>KAP 7037</b> |  Sanded Black<br><b>RAL 9005</b>  Sanded White<br><b>RAL 9003</b> |

## OPTICS

Referenced Degree(°)91/2

|   |            |            |            |            |            |            |
|---|------------|------------|------------|------------|------------|------------|
|  | <b>B66</b> | <b>15°</b> | <b>20°</b> | <b>25°</b> | <b>38°</b> | <b>55°</b> |
|  | <b>B57</b> | <b>15°</b> | <b>25°</b> | <b>36°</b> | <b>60°</b> |            |

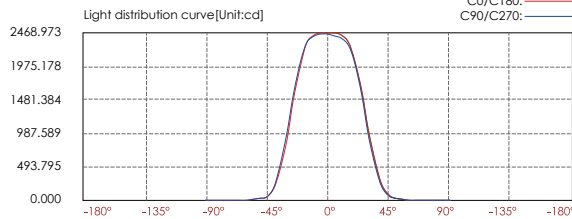
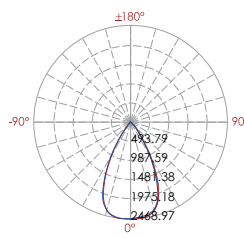
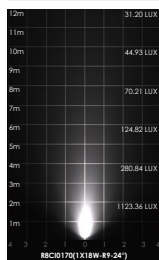
## FEATURES



### Safety hook

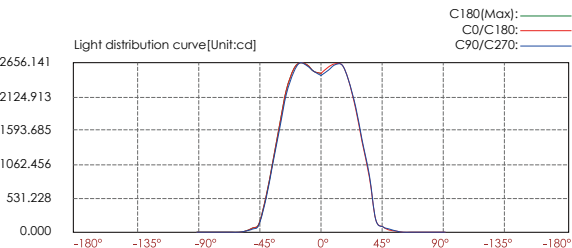
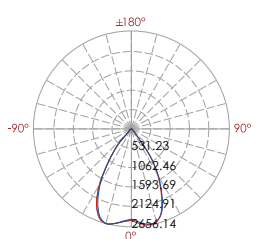
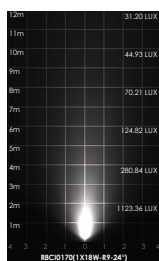
Hook at the fixator for safer wiring, leave the hook for protection.

## PHOTOMETRIC



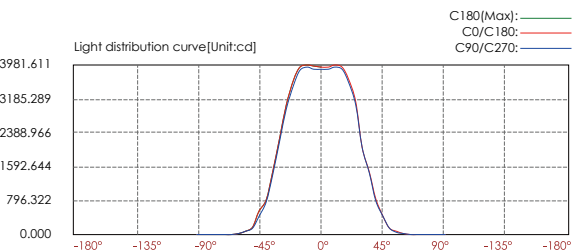
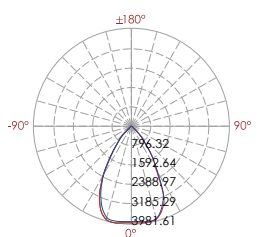
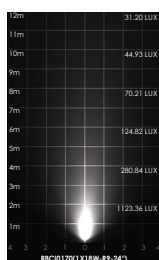
| Center beam LUX | Beam width V | Beam width H |
|-----------------|--------------|--------------|
| 2m 615.63 LUX   | 2.1m         | 2.1m         |
| 4m 153.91 LUX   | 4.2m         | 4.2m         |
| 6m 68.40 LUX    | 6.3m         | 6.4m         |
| 8m 38.48 LUX    | 8.4m         | 8.5m         |
| 10m 24.63 LUX   | 10.5m        | 10.6m        |
| 12m 17.10 LUX   | 12.7m        | 12.7m        |

Vert.Spread:55.9 Horiz.Spread:55.6



| Center beam LUX | Beam width V | Beam width H |
|-----------------|--------------|--------------|
| 2m 621.38 LUX   | 2.6m         | 2.6m         |
| 4m 155.34 LUX   | 5.2m         | 5.1m         |
| 6m 69.04 LUX    | 7.7m         | 7.7m         |
| 8m 38.84 LUX    | 10.3m        | 10.3m        |
| 10m 24.86 LUX   | 12.9m        | 12.9m        |
| 12m 17.26 LUX   | 15.5m        | 15.4m        |

Horiz.Spread:65.7 Vert.Spread:65.5



| Center beam LUX | Beam width V | Beam width H |
|-----------------|--------------|--------------|
| 2m 982.66 LUX   | 2.5m         | 2.4m         |
| 4m 245.66 LUX   | 4.9m         | 4.9m         |
| 6m 109.18 LUX   | 7.4m         | 7.3m         |
| 8m 61.42 LUX    | 9.8m         | 9.7m         |
| 10m 39.31 LUX   | 12.3m        | 12.2m        |
| 12m 27.30 LUX   | 14.7m        | 14.6m        |

Horiz.Spread:63.1 Vert.Spread:62.7



# Ceiling Flood Light IP65



**ITEM**  
D8AM2840

**LIGHT SOURCE**  
28×0.25W

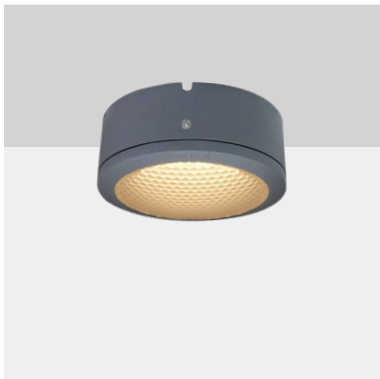
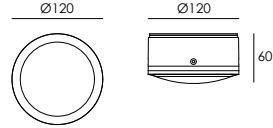
**INPUT VOLTAGE(V)**  
DC 24 240

**OPERATING CURRENT(MA)**  
DC 24=333 240=37

**CONSUMPTION(W)**  
DC 24=8 240=8.8

**LUMINANCE(LM)**  
DC 24=390 240=550

**IK**  
08



**ITEM**  
D8BM3034

**LIGHT SOURCE**  
30×0.5W

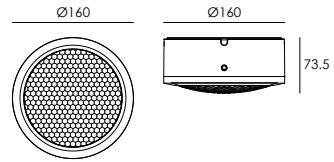
**INPUT VOLTAGE(V)**  
DC 24 240

**OPERATING CURRENT(MA)**  
DC 24=625 240=61

**CONSUMPTION(W)**  
15

**LUMINANCE(LM)**  
770

**IK**  
09



**HOUSING MATERIAL** Extruded aluminum alloy #6063

**PAINTING** Powder coating, T= 60~80 µm.  
Adhesion of ISO class 1/ASTM class 4B

**FRONT COVER** PMMA T=2.5mm

**LED** EDISON

**POWER CABLE** Outside of luminaire  
H05RN-F 2×1.0mm<sup>2</sup>, L=0.3m(12V/24V)  
H05RN-F 3×1.0mm<sup>2</sup>, L=0.3m(120V/240V)

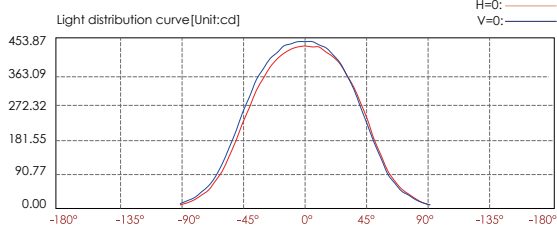
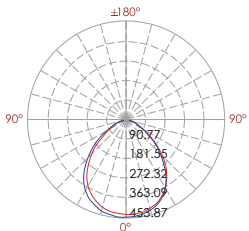
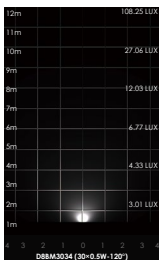
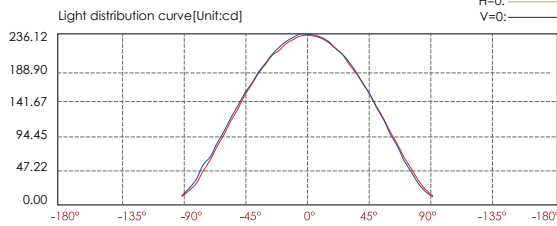
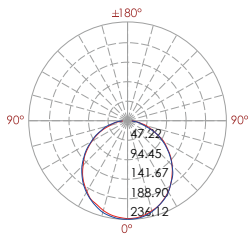
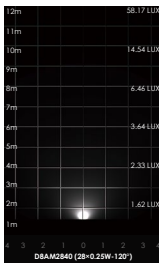
**OPERATING TEMPERATURE** -20°C~40°C

## REGULAR PAINTING COLOR

**Basic** Dark Grey KAP 7037

**Secondary** Sanded Black RAL 9005 | Sanded White RAL 9003

## PHOTOMETRIC





# Contact details

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