



RTA Railway, Dubai, UAE

## [CORE] COB Down Light

### [Core]

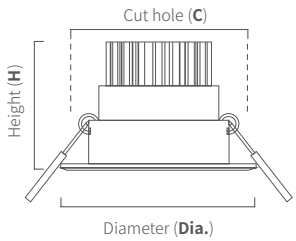
is designed for MR16 halogen and metal halide lamp replacement. Save over 70% energy! Excellent heat dissipation!

- ◆ High brightness with anti-glare design comes with different sizes for 10W - 40W options
- ◆ Design for 50W MR16 halogen and 35W-70W metal halide lamp replacement
- ◆ Efficient COB LED achieving 100lm/W
- ◆ High efficiency COB LED, with wide range options in CRI / CCT / special applications  
(LED options: **LUMAN** / **CITIZEN** / **TRIDONIC** / **PHILIPS** or equivalent)
- ◆ High stability with up to 5 year warranty / 50,000 hours lifetime  
(Driver option: **LUMAN** / **PHILIPS** / **TRIDONIC** / **OSRAM** or specified)



# [CORE]

## COB Down Light



### Dimensional Drawing

| Size | 2.5 inch | 3.5 inch | 4 inch | 6 inch |
|------|----------|----------|--------|--------|
| Dia. | Ø90      | Ø109     | Ø138   | Ø162   |
| H    | 66       | 80       | 112    | 112    |
| C    | Ø80      | Ø100     | Ø125   | Ø150   |

\*Unit = mm  
\*Cut Hole size can be +/- 5mm



### Environmental Properties

|                       |               |
|-----------------------|---------------|
| Operating Temperature | -10°C ~ +40°C |
| Storage Temperature   | -40°C ~ +60°C |
| Life time             | 50,000 hours  |

### Mechanical Properties

|        |                                                   |
|--------|---------------------------------------------------|
| Body   | Aluminum                                          |
| Base   | External Driver, Flex and Plug                    |
| Weight | 260g (2.5") / 325g (3.5") / 420g (4") / 550g (6") |



# [CORE]

## COB Down Light

### Technical Operation Data

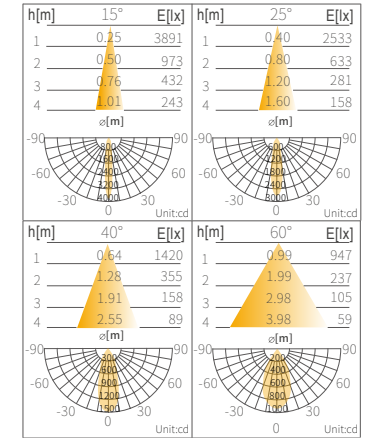
|                | LM-D2W12-SN0Wx        | LM-D2D12-SN0Wx        |
|----------------|-----------------------|-----------------------|
| LUMINOUS FLUX  | 900lm                 | 1000lm                |
| COLOR          | Warm White            | DAY White             |
| CCT            | 3000K                 | 4000K                 |
| CRI            | >83                   | >83                   |
| RADIANCE ANGLE | 15° / 25° / 40° / 60° | 15° / 25° / 40° / 60° |
| CUTHOLE        | Ø80                   | Ø80                   |
| VOLTAGE(AC)    | 220-240V 50/60Hz      | 220-240V 50/60Hz      |

|                | LM-D2N12-SN0Wx        |
|----------------|-----------------------|
| LUMINOUS FLUX  | 1000lm                |
| COLOR          | Neutral white         |
| CCT            | 5000K                 |
| CRI            | >83                   |
| RADIANCE ANGLE | 15° / 25° / 40° / 60° |
| CUTHOLE        | Ø80                   |
| VOLTAGE(AC)    | 220-240V 50/60Hz      |

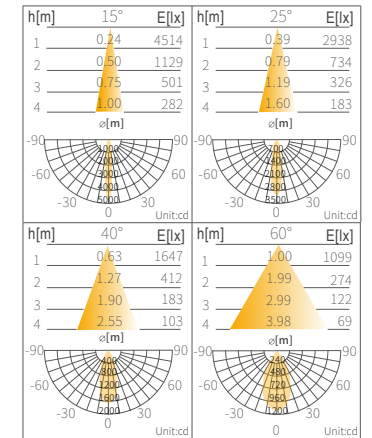
|                | LM-D3W15-SN0Wx        | LM-D3D15-SN0Wx        |
|----------------|-----------------------|-----------------------|
| LUMINOUS FLUX  | 1200lm                | 1350lm                |
| COLOR          | Warm White            | DAY White             |
| CCT            | 3000K                 | 4000K                 |
| CRI            | >83                   | >83                   |
| RADIANCE ANGLE | 15° / 25° / 40° / 60° | 15° / 25° / 40° / 60° |
| CUTHOLE        | Ø100                  | Ø100                  |
| VOLTAGE(AC)    | 220-240V 50/60Hz      | 220-240V 50/60Hz      |

|                | LM-D3N15-SN0Wx        |
|----------------|-----------------------|
| LUMINOUS FLUX  | 1350lm                |
| COLOR          | Neutral white         |
| CCT            | 5000K                 |
| CRI            | >83                   |
| RADIANCE ANGLE | 15° / 25° / 40° / 60° |
| CUTHOLE        | Ø100                  |
| VOLTAGE(AC)    | 220-240V 50/60Hz      |

### • POWER:12W, 4000K

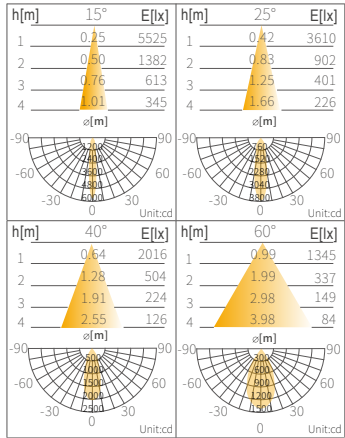


### • POWER:15W, 4000K



# [CORE] COB Down Light

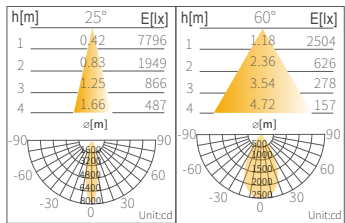
## • POWER:20W, 4000K



|                | LM-D4W20-SN0Wx     | LM-D4D20-SN0Wx     |
|----------------|--------------------|--------------------|
| LUMINOUS FLUX  | 1700lm             | 1900lm             |
| COLOR          | Warm White         | DAY White          |
| CCT            | 3000K              | 4000K              |
| CRI            | >83                | >83                |
| RADIANCE ANGLE | 15° /25° /40° /60° | 15° /25° /40° /60° |
| CUTHOLE        | Ø 125              | Ø 125              |
| VOLTAGE(AC)    | 220-240V 50/60Hz   | 220-240V 50/60Hz   |

|                | LM-D4N20-SN0Wx     |
|----------------|--------------------|
| LUMINOUS FLUX  | 1900lm             |
| COLOR          | Neutral white      |
| CCT            | 5000K              |
| CRI            | >83                |
| RADIANCE ANGLE | 15° /25° /40° /60° |
| CUTHOLE        | Ø 125              |
| VOLTAGE(AC)    | 220-240V 50/60Hz   |

## • POWER:30W, 4000K

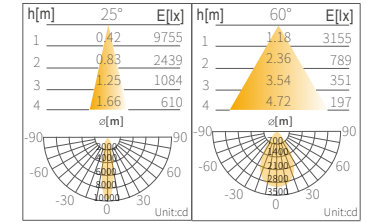


|                | LM-D6W30-SN0Wx   | LM-D6D30-SN0Wx   |
|----------------|------------------|------------------|
| LUMINOUS FLUX  | 2500lm           | 2700lm           |
| COLOR          | Warm White       | DAY White        |
| CCT            | 3000K            | 4000K            |
| CRI            | >83              | >83              |
| RADIANCE ANGLE | 25° /60°         | 25° /60°         |
| CUTHOLE        | Ø 150            | Ø 150            |
| VOLTAGE(AC)    | 220-240V 50/60Hz | 220-240V 50/60Hz |

|                | LM-D6N30-SN0Wx   |
|----------------|------------------|
| LUMINOUS FLUX  | 2700lm           |
| COLOR          | Neutral white    |
| CCT            | 5000K            |
| CRI            | >83              |
| RADIANCE ANGLE | 25° /60°         |
| CUTHOLE        | Ø 150            |
| VOLTAGE(AC)    | 220-240V 50/60Hz |

# [CORE] COB Down Light

## • POWER:40W, 4000K



|                | LM-D6W40-SN0Wx   | LM-D6D40-SN0Wx   |
|----------------|------------------|------------------|
| LUMINOUS FLUX  | 3200lm           | 3400lm           |
| COLOR          | Warm White       | DAY White        |
| CCT            | 3000K            | 4000K            |
| CRI            | >83              | >83              |
| RADIANCE ANGLE | 25° /60°         | 25° /60°         |
| CUTHOLE        | Ø 150            | Ø 150            |
| VOLTAGE(AC)    | 220-240V 50/60Hz | 220-240V 50/60Hz |

|                | LM-D6N40-SN0Wx   |
|----------------|------------------|
| LUMINOUS FLUX  | 3400lm           |
| COLOR          | Neutral white    |
| CCT            | 5000K            |
| CRI            | >83              |
| RADIANCE ANGLE | 25° /60°         |
| CUTHOLE        | Ø 150            |
| VOLTAGE(AC)    | 220-240V 50/60Hz |

Remark:  
 'x' (Indicated beam angle) = '2' (15°) / '3' (25°) / '4' (40°) / '6' (60°)

