**HYUNDAI**
LIGHTING

# PRODUCT DATASHEET

### Recessed Down light
### HYD-216R-10W 4000K

## Application

- Hotel
- Mall
- Lobby
- Theater
- Airport

## Benefits

- Flicker free.
- Ra>80, restore the natural color
- Minimum Glare, more clear and comfortable
- Focus the light to highlight the highlights of the space

## Features
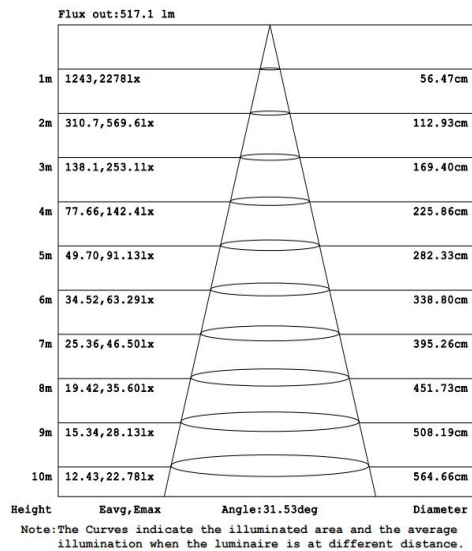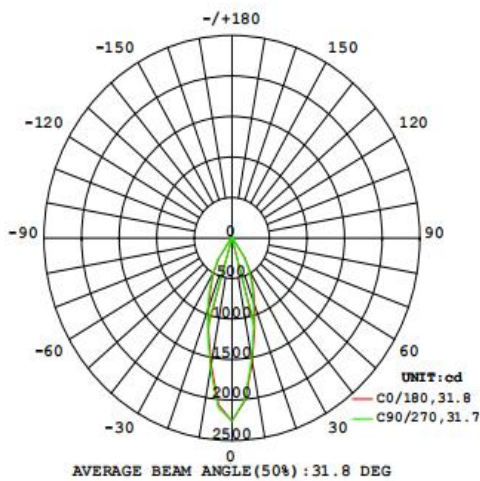
- Warranty 5 years
- Buckle design, easy and quick installation
- Clear Glass,High light transmission, High light efficiency
- Die-cast aluminum body for better heat dissipation, anti-corrosion

# Electrical Data

| Nominal wattage (W) | **10W** |
|---|---|
| Nominal Voltage (V) | 220-240 V |
| Mains Frequency (Hz) | 50 |
| Nominal Current (mA) | 89 |
| LED Driver Current (mA) | 300 |
| LED Driver Voltage (V) | 30-42 |
| LED Driver Efficiency (%) | 83% |
| Power Factor λ | 0.5C |
| Total harmonic distortion (%) | ... |
| Operating mode | External LED driver |

# Photometrical data

| Luminous flux ±10% (lm) | 1083 lm |
|---|---|
| Luminous efficacy | 103 lm/w |
| Color temperature | **4000K** |
| Light color (designation) | Natural White |
| Color rendering index Ra | ≥80 |
| Standard deviation of color matching | ≤5 SDCM |
| Luminous intensity/cd | 2260 |
| Flickering | Flicker free |
| Beam angle | 32 ° |



AVERAGE BEAM ANGLE(50%):31.8 DEG

UNIT:cd
— C0/180,31.8
— C90/270,31.7



Flux out:517.1 lm

| Height | Eavg,Emax | Angle:31.53deg | Diameter |
|---|---|---|---|
| 1m | 1243,2278lx | | 56.47cm |
| 2m | 310.7,569.61x | | 112.93cm |
| 3m | 138.1,253.11x | | 169.40cm |
| 4m | 77.66,142.41x | | 225.86cm |
| 5m | 49.70,91.131x | | 282.33cm |
| 6m | 34.52,63.291x | | 338.80cm |
| 7m | 25.36,46.501x | | 395.26cm |
| 8m | 19.42,35.601x | | 451.73cm |
| 9m | 15.34,28.131x | | 508.19cm |
| 10m | 12.43,22.781x | | 564.66cm |

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

**4000K**

# Dimensions & Weight

| | |
|---|---|
| Diameter (mm) | 120 |
| Height (mm) | 65 |
| Product weight (g) | 304 |

**H 95mm**

**H 65mm**

**D 120mm**
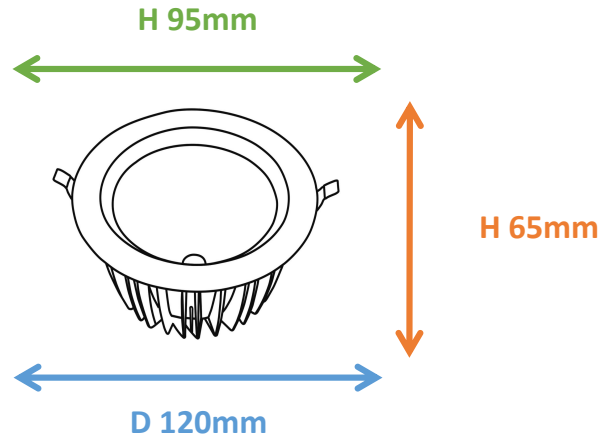
# Material & Colors

| | |
|---|---|
| Product color | Black housing / Sand white Frame |
| Housing color | Black |
| Body material | Aluminum |
| Cover material | Glass |
| Mercury content | 0.0 mg |

# Application & Mounting

| | |
|---|---|
| Ambient temperature range | -20°C~+45 °C |
| Temperature range at storage | -20°C~+60 °C |
| Type of connection | Screwless terminal |
| Type of protection | IP20 |
| Dimmable | No |
| Mounting type | Recesse mounted |
| Mounting location | Ceiling |
| Application environment | Indoor |
| Cut size (mm) | 95 |
| LED module replaceable | Not replaceable |
| With light source | Yes |

## Certificates & Lifespan

| Life (h) | 50,000 |
|---|---|
| Certificates | CB LVD EMC RoHS |
| Standards | ISO9001:2015 |

## Logistical Data

| Product code | Dimensions (L*W*H) | Pcs/ carton | G.W. kg | Volume CBM |
|---|---|---|---|---|
| HYD-216R-10W | 64.5*29*40 cm | 50 | ... | 0.07482 |

## Installation Method



**OFF**

Connect power
220-240V
50/60Hz

**ON**

Spring clips

Counter ceiling

Hold back spring clips,then push downlight into position
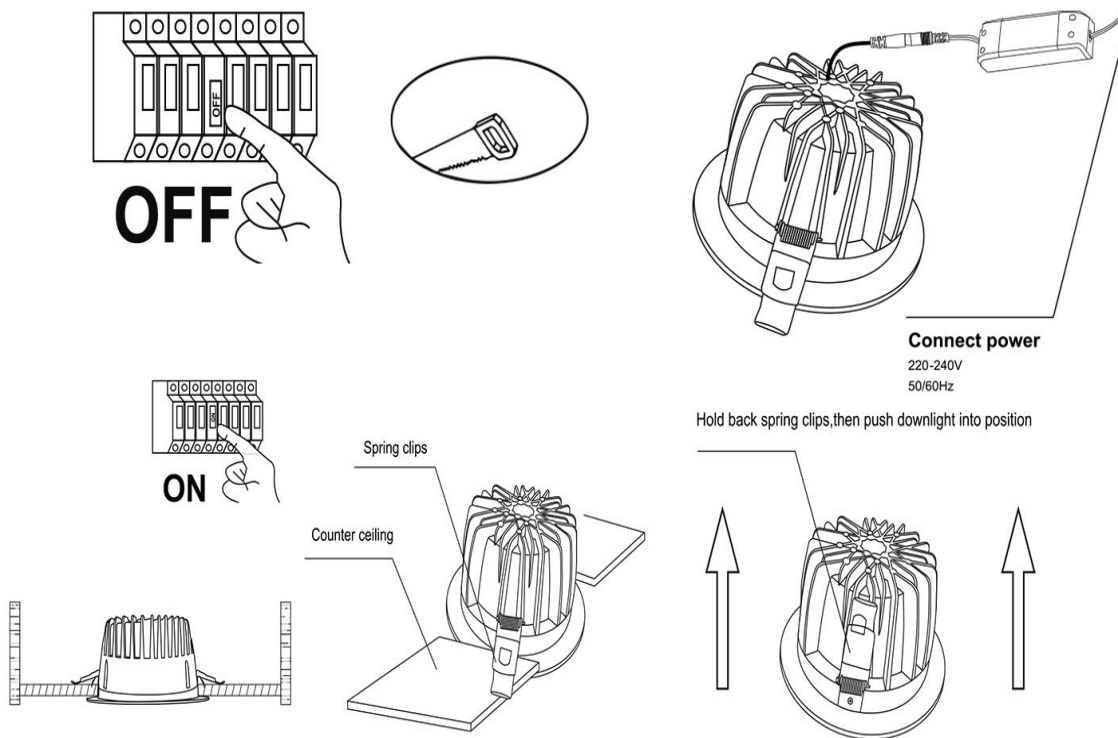
## Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.