# PRODUCT DATASHEET

## Recesse Mounted Panel Light
## HYD-227S-15W 6500K



## Application

• Household living room
• Mall
• Commercial place
• Corridors
• Hotel

## Benefit

• Internal reflector to increase optical efficiency
• Flicker free
• Low lumen depreciation
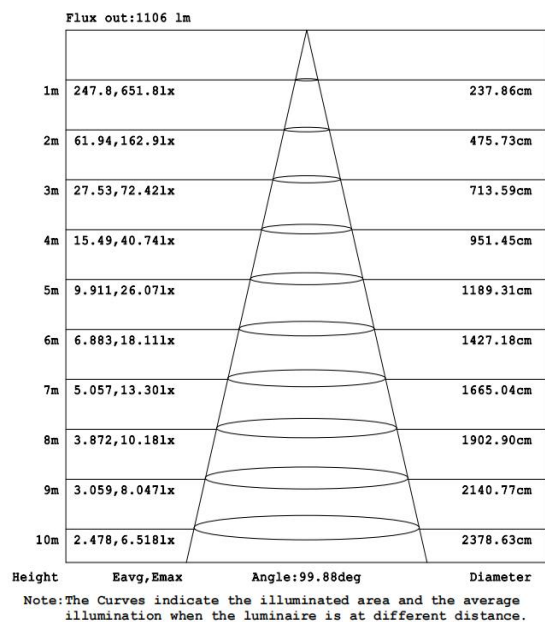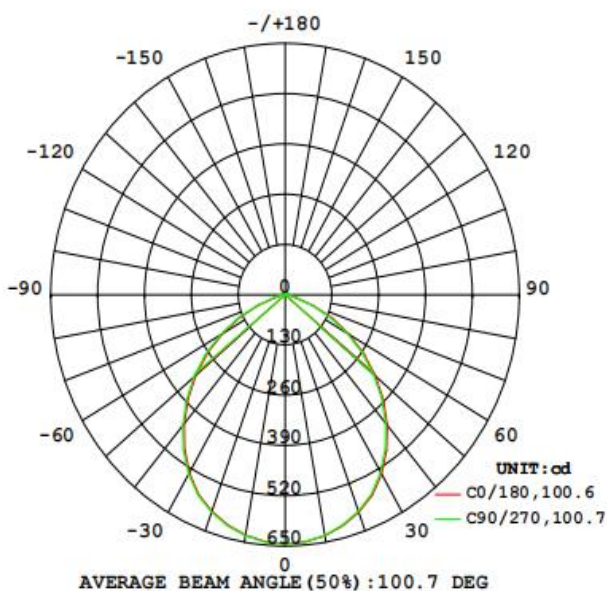• Detachable driver design or DOB design could be option

## Feature

• Warranty 5 years
• Yellowing-resistant diffuser (PC)
• Buckle design, easy and quick installation
• Die-cast aluminum body for better heat dissipation, anti-corrosion, and easy maintain

## Electrical Data

| Nominal wattage (W) | 15W |
|---|---|
| Nominal Voltage (V) | 220-240V |
| Mains Frequency (Hz) | 50-60Hz |
| Nominal Current (mA) | 112 |
| LED Driver Current (mA) | 350 |
| LED Driver Voltage (V) | 27-40 |
| LED Driver Efficiency (%) | 83% |
| Power factor λ | 0.6C |
| Total harmonic distortion (%) | ... |
| Operating mode | External LED driver |

## Photometrical data

| Luminous flux ±10% (lm) | 1556 lm |
|---|---|
| Luminous efficacy | 114 lm/W |
| Color temperature | 6500K |
| Light color (designation) | Cold White |
| Color rendering index Ra | ≥80 |
| Standard deviation of color matching | ≤5 SDCM |
| Luminous intensity | 644 cd |
| Flickering | Flicker free |
| Beam angle | 101 ° |



UNIT:cd
— C0/180,100.6
— C90/270,100.7

AVERAGE BEAM ANGLE (50%) :100.7 DEG



Flux out:1106 lm

| Height | Eavg,Emax | Angle:99.88deg | Diameter |
|---|---|---|---|
| 1m | 247.8,651.81x | | 237.86cm |
| 2m | 61.94,162.91x | | 475.73cm |
| 3m | 27.53,72.421x | | 713.59cm |
| 4m | 15.49,40.741x | | 951.45cm |
| 5m | 9.911,26.071x | | 1189.31cm |
| 6m | 6.883,18.111x | | 1427.18cm |
| 7m | 5.057,13.301x | | 1665.04cm |
| 8m | 3.872,10.181x | | 1902.90cm |
| 9m | 3.059,8.0471x | | 2140.77cm |
| 10m | 2.478,6.5181x | | 2378.63cm |

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

IES

## Dimensions & Weight

| Diameter (mm) | 145*145 |
|---|---|
| Height (mm) | 55 |
| Product weight (g) | ... |

**Cut out 135*135**

**H55 mm**

**D145*145 mm**
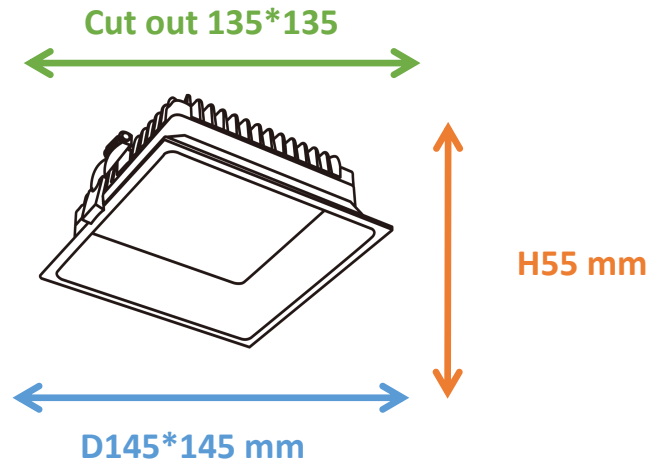
## Material & Colors

| Product color | Black housing / White Light Cup |
|---|---|
| Housing color | White |
| Body material | Aluminum |
| LGP material | PC |
| Mercury content | 0.0 mg |

## Application & Mounting

| Ambient temperature range | -20°C~+45 °C |
|---|---|
| Temperature range at storage | -25°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) | 135*135 |
| LED module replaceable | Not replaceable |
| With light source | Yes |

## Certificates & Lifespan

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

## Logistical Data

| Product code | Dimensions (L*W*H) | Pcs/ carton | G.W. kg | Volume CBM |
|---|---|---|---|---|
| HYD-227S-15W | 54.5*34*37.5 cm | 30 | ... | 0.06949 m³ |

## Installation Method
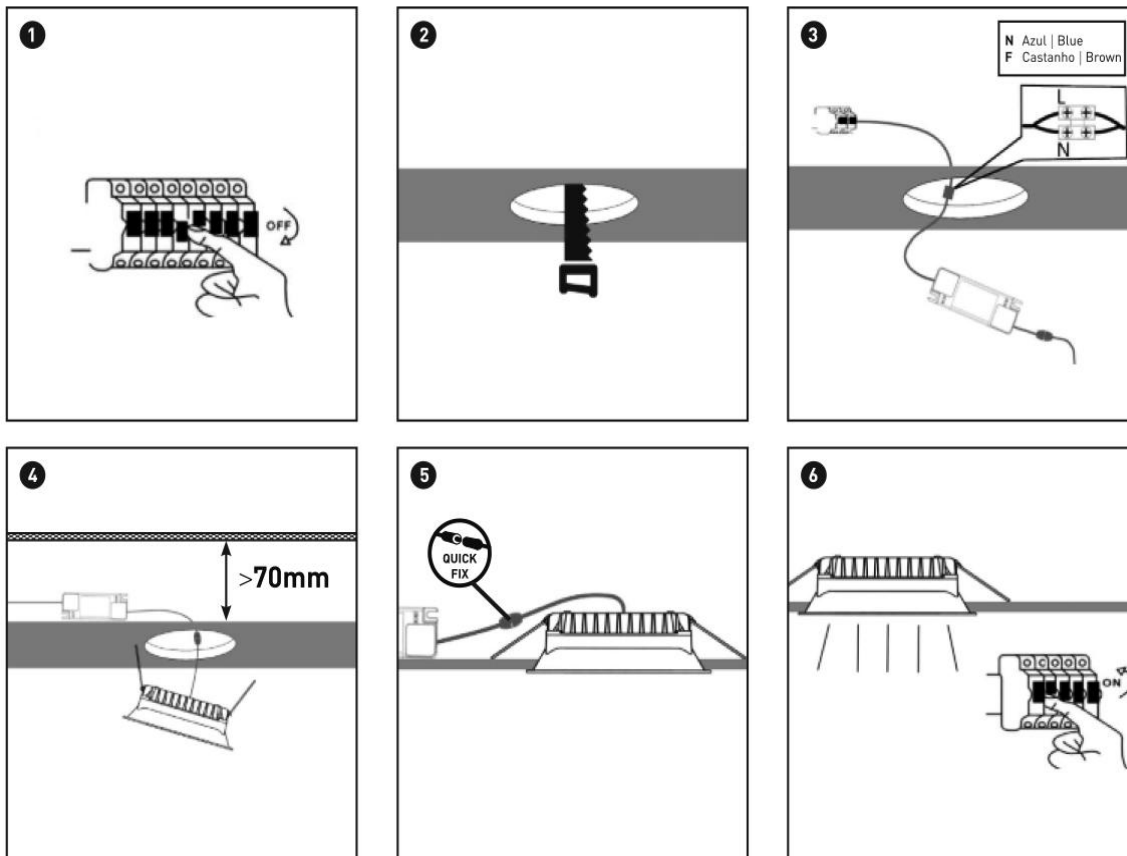


## Disclaimer

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