



Simple and easy appearance, in line with contemporary aesthetic concept. The product has the structure and appearance design patent. High efficiency constant current driver, ensure the light source is maximum used. can be easily installed in any type of space, to create amazing light effects, The LED is set back to minimize glare. The main body is made of die-cast aluminum that guarantees optimum heat dissipation with single optic lens family in the most popular sizes and beams with excellent color rendering, and Supreme light quality.

## FIELDS OF APPLICATION:

Offices, showrooms, hotels, restaurants, galleries, etc.

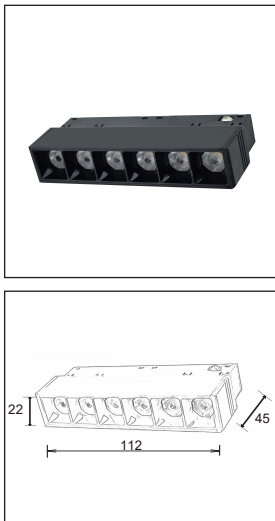
The HUD Magnetic Light adaptable for indoor applications.

High Lumen Efficacy 115 lm/W - UGR<19  
Body - Die cast aluminum housing with solvent free powder coating  
Diffuser - polycarbonate pattern lens  
Glowing Wire Test - 850°  
Temperature - of=20 °C ~ of max=50 °C

## HUD-A-1-15-27-W-6W



Model --- **HUD**



### HUD-GR

D-GR

X

X

X

X

X

Size

A

B

C

D

E

Driver

1

2

3

4

5

6

7

On/Off

Dali

1-10

Phase Dimming

RGBW

Casambi

Tuya

Beam Angle

15°

24°

36°

60°

Kelvin

27

30

40

50

60

TUN

1

2

2700k

3000k

4000k

5000k

6000k

Tunable

RGB

RGBW

Finishing

W

B

S

X

white

black

silver

as per requested

Wattage

6

12

18

24

36

48

Lighting Customization Solution can offer you modifications for environment with higher options as a customized product.

IP20

SMD

McA Step 3

220-240V



A - Ø 112-22-45mm

B - Ø 220-22-45mm

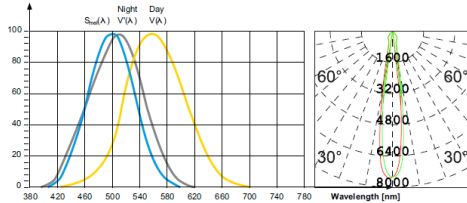
C - Ø 330-22-45mm

D - Ø 436-22-45mm

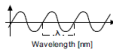
E - Ø 653-22-45mm

### Relative spectral perception of brightness and melanopic effect

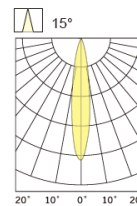
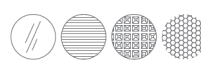
Effect as a percentage



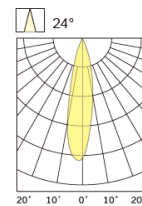
Explanation of the three curves:  
V(A) = Perception of brightness, daytime seeing with the cones  
V(A) = Nighttime seeing with the rods  
S<sub>LM</sub>(A) = Melanin suppression with the photosensitive ganglion cells



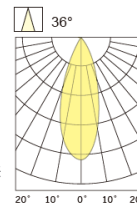
### Available Accessories



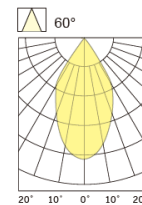
| Diameter(m) | Height Emax |
|-------------|-------------|
| 0.42        | 1.5m 1353lx |
| 0.63        | 2.25m 601lx |
| 0.99        | 3.5m 249lx  |
| 1.13        | 4.0m 190lx  |
| 1.41        | 5.0m 122lx  |



| Diameter(m) | Height Emax |
|-------------|-------------|
| 0.57        | 1.5m 969lx  |
| 0.86        | 2.25m 431lx |
| 1.34        | 3.5m 178lx  |
| 1.53        | 4.0m 136lx  |
| 1.91        | 5.0m 87lx   |



| Diameter(m) | Height Emax |
|-------------|-------------|
| 0.94        | 1.5m 509lx  |
| 1.41        | 2.25m 226lx |
| 2.20        | 3.5m 94lx   |
| 2.51        | 4.0m 72lx   |
| 3.14        | 5.0m 46lx   |



| Diameter(m) | Height Emax |
|-------------|-------------|
| 1.60        | 1.5m 601lx  |
| 2.40        | 2.25m 267lx |
| 3.73        | 3.5m 110lx  |
| 4.26        | 4.0m 85lx   |
| 5.33        | 5.0m 54lx   |

### LED life time

|                               |           | Operating time 1.000 h |    |      |      |      |      |      |      |      |      |      |
|-------------------------------|-----------|------------------------|----|------|------|------|------|------|------|------|------|------|
| Lamp Lumen Maintenance Factor |           | 1                      | 10 | 20   | 30   | 40   | 50   | 60   | 70   | 80   | 90   | 100  |
| Lamp Survival Factor          |           | 1                      | 1  | 1    | 1    | 1    | 1    | 1    | 1    | 0.99 | 0.99 | 0.99 |
| L80                           | 50.000 h  | LLMF                   | 1  | 0.96 | 0.92 | 0.88 | 0.84 | 0.80 | 0.76 | 0.72 | 0.68 | 0.60 |
|                               |           | LSF                    | 1  | 1    | 1    | 1    | 1    | 1    | 0.99 | 0.99 | 0.99 | 0.98 |
| L80                           | 100.000 h | LLMF                   | 1  | 0.98 | 0.96 | 0.94 | 0.92 | 0.90 | 0.88 | 0.86 | 0.84 | 0.80 |
|                               |           | LSF                    | 1  | 1    | 1    | 1    | 1    | 1    | 0.99 | 0.99 | 0.99 | 0.99 |



LED

AC220-240V

series wiring

