



Simple and easy appearance, in line with contemporary aesthetic concept. The product has the structure and appearance design patent. High efficiency constant current driver.

## FIELDS OF APPLICATION:

Offices, hotels, buildings, hospitals, shopping malls, supermarket, convention centers, etc.

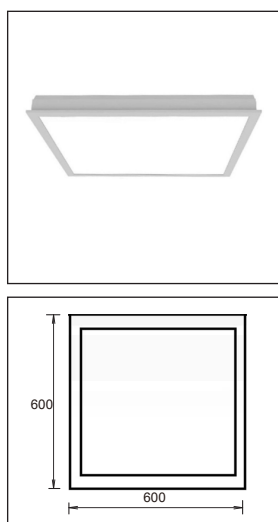
The BACK Recessed ceiling luminaires adaptable for indoor applications.

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

## BACK-A-1-15-27-W-30W



Model --- **BACK**



### BACK

|   |   |   |   |   |            |        |       |       |               |        |         |                  |      |
|---|---|---|---|---|------------|--------|-------|-------|---------------|--------|---------|------------------|------|
| X | X | X | X | X | Size       | A      |       |       |               |        |         |                  |      |
|   |   |   |   |   | Driver     | 1      | 2     | 3     | 4             | 5      | 6       | 7                |      |
|   |   |   |   |   |            | On/Off | Dali  | 1-10  | Phase Dimming | RGBW   | Casambi | Tuya             |      |
|   |   |   |   |   | Beam Angle | 90°    | 100°  | 110°  | 120°          |        |         |                  |      |
|   |   |   |   |   | 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 |      |
|   |   |   |   |   |            | 30     |       | 35    | 40            | 44     |         |                  |      |

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

IP44

SMD

McA Step 3

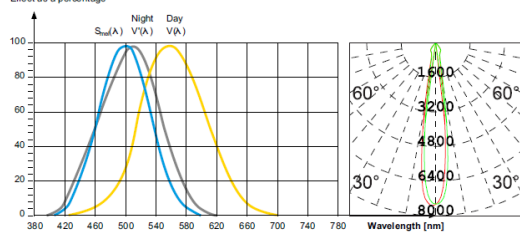
220-240V



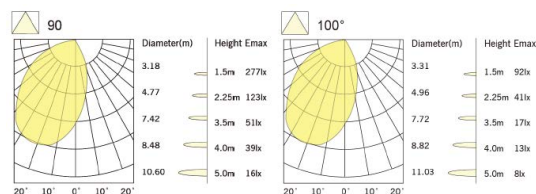
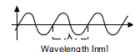
A - Ø 600-600mm

### 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\_m(A) = Melanopic suppression with the photosensitive ganglion cells



| 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 | 0.64 | 0.60 |  |
|                               |           | LSF  | 1                      | 1    | 1    | 1    | 1    | 1    | 0.99 | 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 | 0.82 | 0.80 |  |
|                               |           | LSF  | 1                      | 1    | 1    | 1    | 1    | 1    | 1    | 0.99 | 0.99 | 0.99 | 0.99 |  |

