

**Downlight Specification**

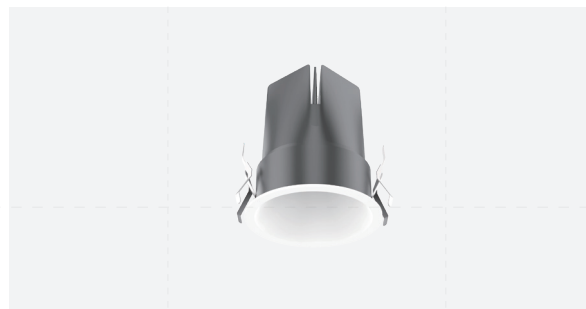
# G2SE65L1(E)

— GENIE 2S series



## ◎ Basic Parameters

- Material: ADC12, spraying surface
- Driver Installation: Remote
- IP grade: IP54
- CCT: 2700K,3000K,3500K,4000K optional
- CRI: 90
- SDCM(Light source): <3 Step (ANSI)
- Beam angle: 18°/24°/36°/50° optional
- UGR(X=4H,Y=8H): ≤13(18°/24°), ≤19(36°/50°)
- Lighting direction: Downward
- Dimming method: Non / 1-10V / DALI optional
- Input voltage: AC220-240V
- Working temperature: -15°C~30°C
- Application: Indoor
- Installation: Recessed
- Certification: CE,ROHS,Reach
- Warranty: 5 years

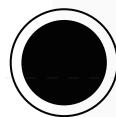


## ◎ Border Color



White

## ◎ Reflector type



Matte black



Matte white

## ◎ Optical Accessory



Honeycomb

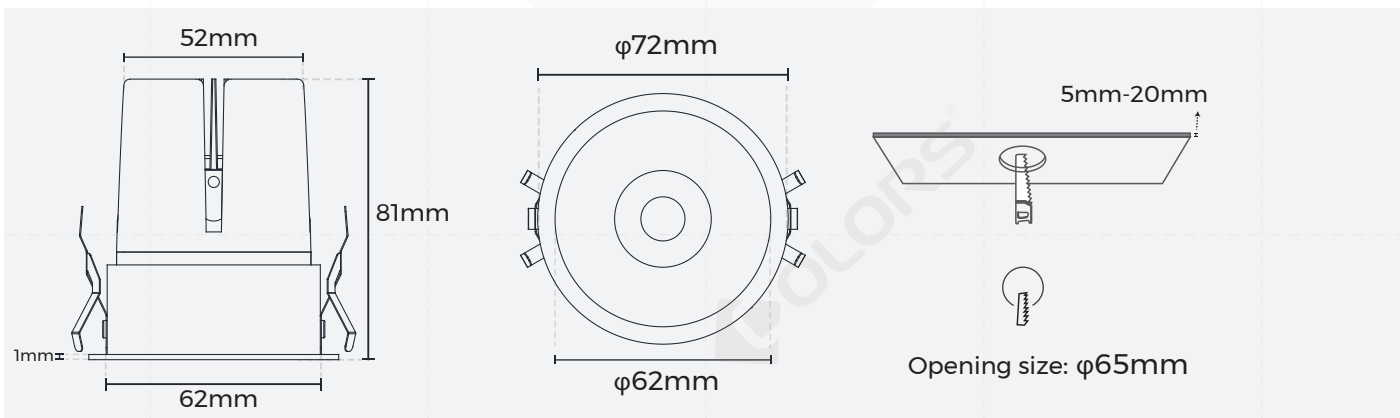


Linear Spread Filter



Diffusion Filter

## ◎ Product mechanical data



## ©Luminaire Parameters

| Model       | Size (mm) | Opening Size (mm) | Input Voltage (V) | Input Current (A) | Type Power (W) | CRI | Beam Angle | CCT   | Lumen (LM) |
|-------------|-----------|-------------------|-------------------|-------------------|----------------|-----|------------|-------|------------|
| G2SE65L1(E) | φ72*81    | φ65               | DC36              | 0.2               | 9              | >90 | 18°        | 2700K | 470        |
|             |           |                   |                   |                   |                |     |            | 3000K | 495        |
|             |           |                   |                   |                   |                |     |            | 4000K | 530        |
| G2SE65L1(E) | φ72*81    | φ65               | DC36              | 0.2               | 9              | >90 | 24°        | 2700K | 555        |
|             |           |                   |                   |                   |                |     |            | 3000K | 585        |
|             |           |                   |                   |                   |                |     |            | 4000K | 630        |
| G2SE65L1(E) | φ72*81    | φ65               | DC36              | 0.2               | 9              | >90 | 36°        | 2700K | 600        |
|             |           |                   |                   |                   |                |     |            | 3000K | 630        |
|             |           |                   |                   |                   |                |     |            | 4000K | 680        |
| G2SE65L1(E) | φ72*81    | φ65               | DC36              | 0.2               | 9              | >90 | 50°        | 2700K | 555        |
|             |           |                   |                   |                   |                |     |            | 3000K | 585        |
|             |           |                   |                   |                   |                |     |            | 4000K | 630        |
| G2SE65L1(E) | φ72*81    | φ65               | DC36              | 0.3               | 12             | >90 | 18°        | 2700K | 620        |
|             |           |                   |                   |                   |                |     |            | 3000K | 650        |
|             |           |                   |                   |                   |                |     |            | 4000K | 700        |
| G2SE65L1(E) | φ72*81    | φ65               | DC36              | 0.3               | 12             | >90 | 24°        | 2700K | 710        |
|             |           |                   |                   |                   |                |     |            | 3000K | 745        |
|             |           |                   |                   |                   |                |     |            | 4000K | 800        |
| G2SE65L1(E) | φ72*81    | φ65               | DC36              | 0.3               | 12             | >90 | 36°        | 2700K | 765        |
|             |           |                   |                   |                   |                |     |            | 3000K | 805        |
|             |           |                   |                   |                   |                |     |            | 4000K | 865        |
| G2SE65L1(E) | φ72*81    | φ65               | DC36              | 0.3               | 12             | >90 | 50°        | 2700K | 710        |
|             |           |                   |                   |                   |                |     |            | 3000K | 745        |
|             |           |                   |                   |                   |                |     |            | 4000K | 800        |
| G2SE65L1(E) | φ72*81    | φ65               | DC36              | 0.35              | 15             | >90 | 18°        | 2700K | 715        |
|             |           |                   |                   |                   |                |     |            | 3000K | 750        |
|             |           |                   |                   |                   |                |     |            | 4000K | 805        |
| G2SE65L1(E) | φ72*81    | φ65               | DC36              | 0.35              | 15             | >90 | 24°        | 2700K | 825        |
|             |           |                   |                   |                   |                |     |            | 3000K | 870        |
|             |           |                   |                   |                   |                |     |            | 4000K | 935        |
| G2SE65L1(E) | φ72*81    | φ65               | DC36              | 0.35              | 15             | >90 | 36°        | 2700K | 900        |
|             |           |                   |                   |                   |                |     |            | 3000K | 945        |
|             |           |                   |                   |                   |                |     |            | 4000K | 1015       |

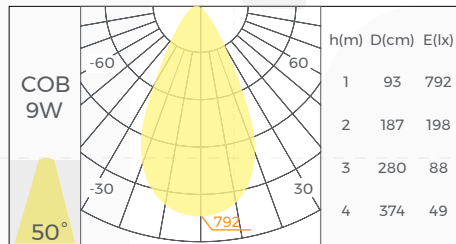
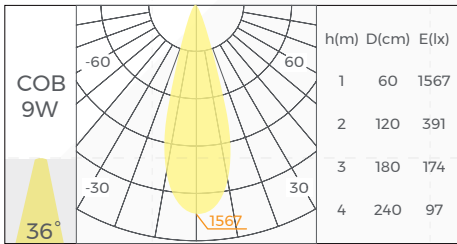
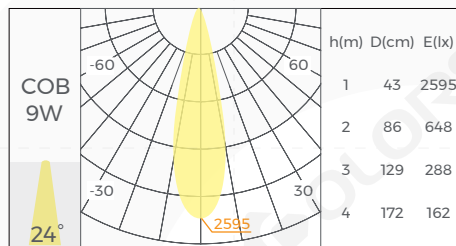
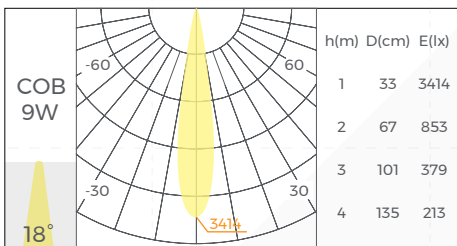
|             |        |     |      |      |    |     |     |       |     |
|-------------|--------|-----|------|------|----|-----|-----|-------|-----|
| G2SE65L1(E) | φ72*81 | φ65 | DC36 | 0.35 | 15 | >90 | 50° | 2700K | 815 |
|             |        |     |      |      |    |     |     | 3000K | 855 |
|             |        |     |      |      |    |     |     | 4000K | 920 |

Note:

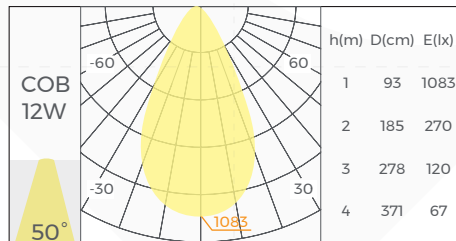
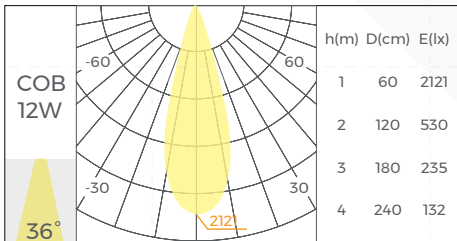
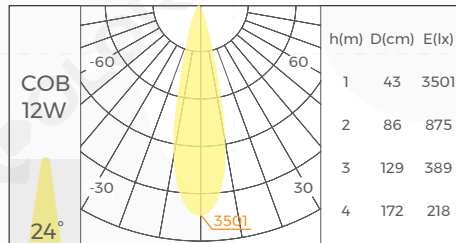
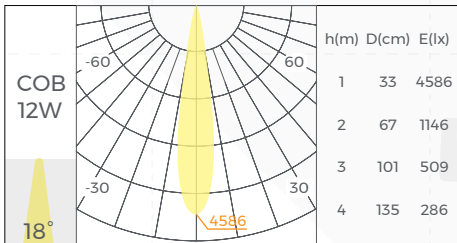
- The above parameters were tested based on Ra90, 3000K, light source;  
 2700K Light efficiency & Luminous flux=3000K\*0.95  
 3500K Light efficiency & Luminous flux=3000K\*1.05  
 4000K Light efficiency & Luminous flux=3000K\*1.08
- The input voltage and input current belong to the light source.
- luminous flux is allowed to have a ±10% error range;
- The above parameters are typical values;
- If it is a Matte white reflector, the light efficiency will be increased by 3%.

## ◎Optical Parameter

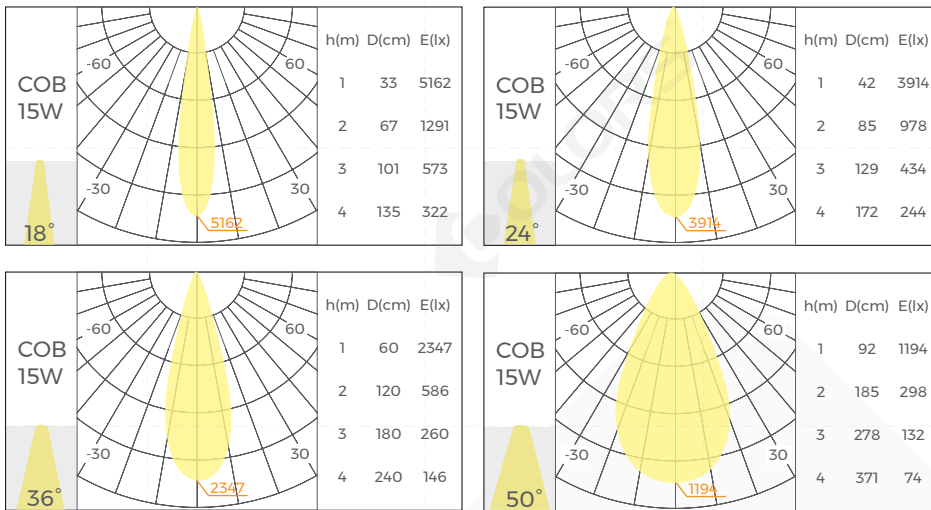
· Type Power:9W



· Type Power:12W



· Type Power:15W



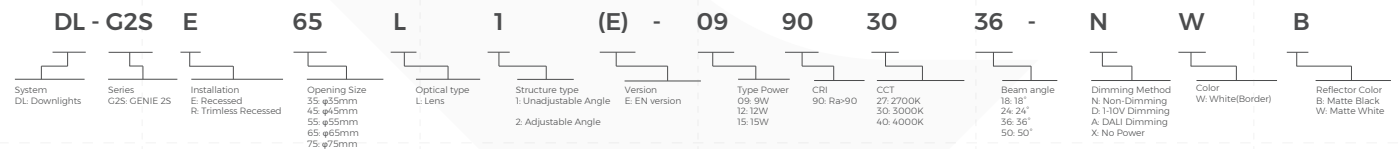
Note:

- Central light intensity value = 1 meter maximum luminous intensity value;
  - N meter maximum luminous intensity value = Central light intensity value/N<sup>2</sup>;
- For example: 2 meter maximum luminous intensity value = Central light intensity value/2<sup>2</sup>;

## ◎Packing

| Model                      | Size (mm/box) | Quantity /box | Quantity /carton | NW (kg/box) | NW (kg/carton) | GW (kg) | Size (mm/carton) |
|----------------------------|---------------|---------------|------------------|-------------|----------------|---------|------------------|
| DL-G2SE65L(E)-09903036-NBB | 168*144*100   | 1             | 48               | 0.39        | 18.72          | 21      | 592*519*422      |

## ◎Model Code



## ◎Attentions

- Non-professionals are prohibited from installing, disassembling and repairing the product.
- Avoid scratching, distortion and irregular bending of the product during installation; otherwise it may cause irreparable damage to the product.
- Please use professional cutting tools when cutting
- Do not use any acid or alkaline adhesive to fix products
- The product is only suitable for indoor dry places, can not be used in outdoor, seaside or wet environment.