COLORS
Linear Lighting

Downlight **Specification**

G2SE55L2(E)

— GENIE 2S series

CE Indoor RoHS Reach

◎Basic Parameters



· Material:	ADC12, spraying surface
· Driver Installation:	Remote
· IP grade:	IP20
· CCT:	2700/3000/4000K optional
· CRI:	90
· SDCM(Light source):	<3 Step (ANSI)
· Beam angle:	15°/24°/36° optional
· UGR(X=4H,Y=8H):	≤16(15°/24°/36°)
· Lighting direction:	Downward
· Dimming method:	Non / 1-10V / DALI optional
· Input voltage:	AC220-240V
· Working temperature:	-15℃~30℃
· Application:	Indoor
· Installation:	Recessed
· Certification:	CE、ROHS、Reach
· Warranty:	5 years

◎Border Color



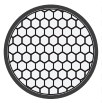
Black White

◎Reflector type



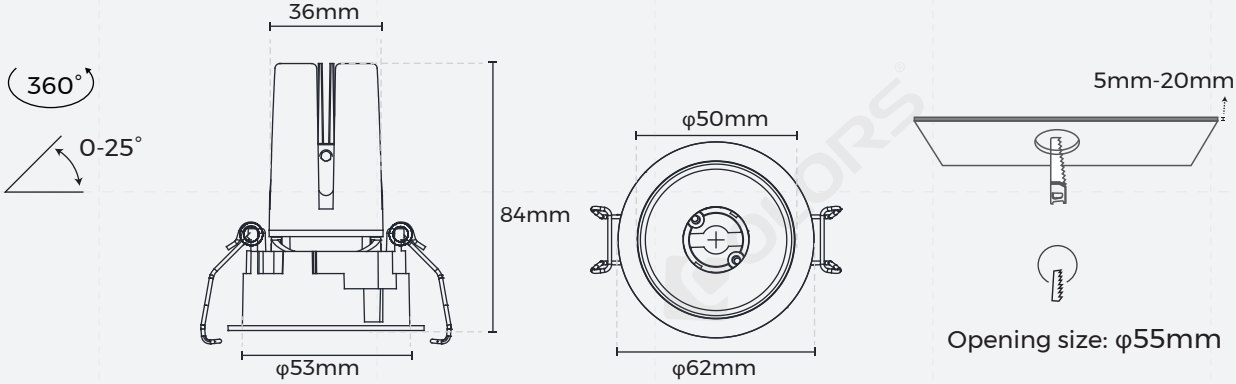
Matte black Matte white Mirror Black chrome

◎Optical Accessory



Honeycomb

◎Product mechanical data



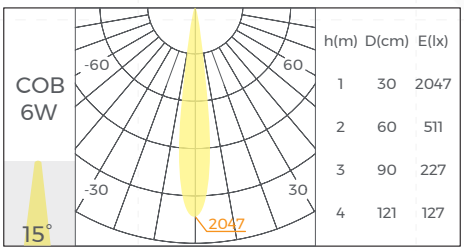
◎Luminaire Parameters

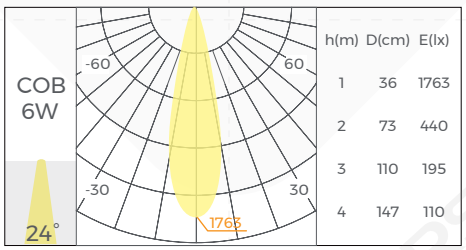
Model	Size (mm)	Opening Size (mm)	Input Voltage (V)	Input Current (mA)	Type Power (W)	CRI	Beam Angle	CCT	Lumen (LM)
G2SE55L2(E)	φ62*86	φ55	DC36	0.15	6	>90	15°	2700K	225
								3000K	235
								4000K	250
G2SE55L2(E)	φ62*86	φ55	DC36	0.15	6	>90	24°	2700K	275
								3000K	290
								4000K	310
G2SE55L2(E)	φ62*86	φ55	DC36	0.15	6	>90	36°	2700K	305
								3000K	320
								4000K	345
G2SE55L2(E)	φ62*86	φ55	DC36	0.2	9	>90	15°	2700K	315
								3000K	335
								4000K	360
G2SE55L2(E)	φ62*86	φ55	DC36	0.2	9	>90	24°	2700K	385
								3000K	415
								4000K	450
G2SE55L2(E)	φ62*86	φ55	DC36	0.2	9	>90	36°	2700K	425
								3000K	450
								4000K	485

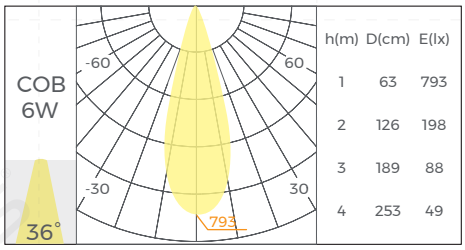
Note:
1. The above parameters were tested based on Ra90, 3000K, light source;
2. The input voltage and input current belong to the light source.
3. luminous flux is allowed to have a ±10% error range;
4. The above parameters are typical values.

◎Optical Parameter

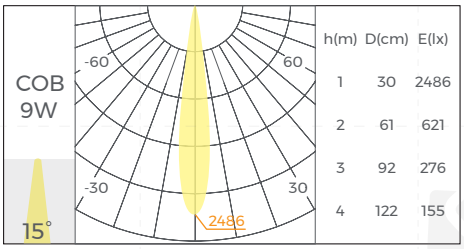
· Type Power:6W



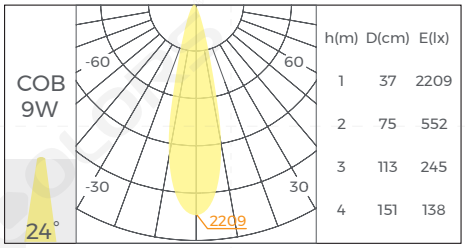




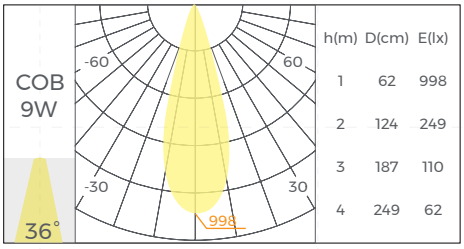
· Type Power:9W



h(m)	D(cm)	E(lx)
1	30	2486
2	61	621
3	92	276
4	122	155



h(m)	D(cm)	E(lx)
1	37	2209
2	75	552
3	113	245
4	151	138



h(m)	D(cm)	E(lx)
1	62	998
2	124	249
3	187	110
4	249	62

Note:
1. Central light intensity value =1 meter maximum luminous intensity value;
1. N meter maximum luminous intensity value = Central light intensity value/N^2;
For example:2 meter maximum luminous intensity value = Central light intensity value/2^2;

◎Packing

Model	Size (mm/box)	Quantity /box	Quantity /carton	NW (kg/box)	NW (kg/carton)	GW (kg)	Size (mm/carton)
DL-G2SE55L2(E)-06903036-NBB	120*120*100	1	48	0.2	9.6	11.28	496*469*321

◎Model Code

DL - G2S E 55 L 2 (E) - 06 90 30 36 - N B B

- DL: System — DL: Downlights
- G2S: Series — G2S: GENIE 2S
- E: Installation — E: Recessed; R: Trimless Recessed
- 55: Opening Size — 35: φ35mm; 45: φ45mm; 55: φ55mm; 65: φ65mm; 75: φ75mm
- L: Diffuser — L: Lens
- 2: Type — 1: Vertical angle is not adjustable; 2: Vertical angle adjustable
- (E): Version — E: EN version
- 06: Type Power — 06: 6W; 09: 9W
- 90: CRI — 90: Ra>90
- 30: CCT — 27: 2700K; 30: 3000K; 40: 4000K
- 36: Beam angle — 15: 15°; 24: 24°; 36: 36°
- N: Dimming Method — N: Non-Dimming; D: 1-10V Dimming; A: DALI Dimming; X: No Power
- B: Color — W: White(Border); B: Black(Border)
- B: Reflector Color — M: Mirror; C: Black chrome; B: Matte Black; M: Matte White

◎Attentions

1、Non-professionals are prohibited from installing, disassembling and repairing the product.

2、Avoid scratching, distortion and irregular bending of the product during installation; otherwise it may cause irreparable damage to the product.

3、Please use professional cutting tools when cutting

4、Do not use any acid or alkaline adhesive to fix products

5、The product is only suitable for indoor dry places, can not be used in outdoor, seaside or wet environment.