



Heat resistance

Vibration resistance 1G

Noise resistance

UV resistance

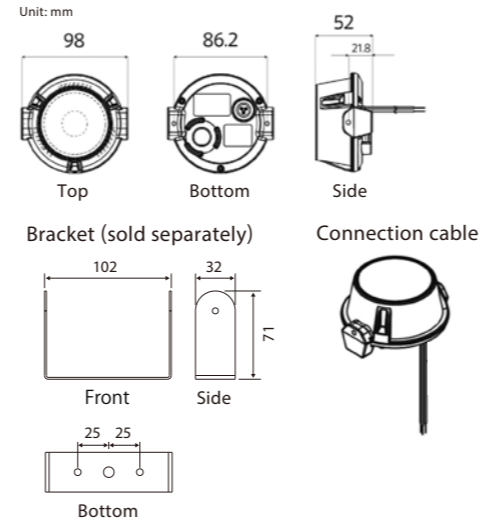
High waterproof IP65

Specification

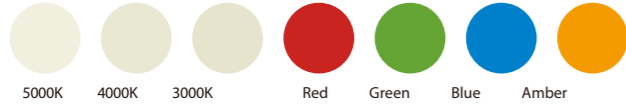
Body: Aluminum die casting
 Front cover: Polycarbonate
 Inner lens: Acryl (transparent)
 Input voltage: DC 12V
 Power consumption: 2.9W (max 3.6W) (max 4.1W) for red / green / blue
 Ambient temperature: -35~50 °C
 Waterproof and dustproof: IP65
 Light source life: 40,000 hours (lumen maintenance factor 70%)
 Weight: 260g
 Optional parts: Bracket
Power source is sold separately.
 PWM: Dimmer-compatible

	Luminous flux	Rated power consumption
2.5°	40.8-143 lm	2.9-4.1W

Dimensions



An extensive range of color variations is also available.



Beam angle 2.5°



Illumination range

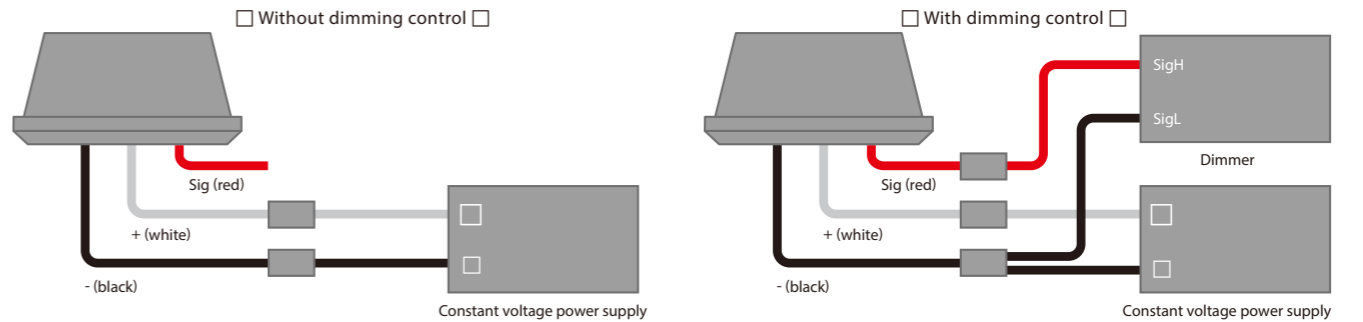
Beam Angle 2.5° [LLM0854A/LIGHTING EQU50:5000K]

D (m)	Φ (m)	Center Beam Illuminance (lx)
1	0.24	86,000
2	0.33	21,500
5	0.54	3,440
10	0.63	860

50 lux or higher

Specification	5000K	4000K	3000K	Red	Green	Blue	Amber
LLM0854A / □□□□□							
Part No.	LIGHTING EQU50	LIGHTING EQU40	LIGHTING EQU30	LIGHTING EQU60	LIGHTING EQU70	LIGHTING EQU80	LIGHTING EQU90
Center luminous intensity (cd)	86,000	76,000	62,350	9,290	48,280	19,200	31,270
Luminous flux (lm)	143	117	104	40.8	92.2	56.3	88.4
1/2 Beam angle	2.5°	2.5°	2.5°	2.6°	2.3°	2.3°	2.6°
Color rendering index (Ra)	70	80	80	□	□	□	□
Rated power consumption (W)	2.9	2.9	2.9	2.9	2.9	2.9	2.9

Wiring of the Power Source



Spotlight with a single chip LED to realize low power consumption and miniaturization

By efficiently harnessing the LED light to create a narrow beam, a single LED chip can be used to produce various effects, achieving spot lighting in a compact unit at low cost.

Abundant color variations are available to meet the demands for a wide range of lighting effects.

Possessing a high level of resistance to water and dust, the lighting fixture can be used in any kind of environment.

Ultra-narrow light distribution / Narrow angle light distribution with a 1/2 beam angle of 2.5° has been achieved.

Low power consumption / Operates with power as low as 2.9 W.

Compact & lightweight / A very compact and light body at φ98 mm and 260 g.

Water/dust proof / Waterproof module that meets IP65.

Variety in color / Available in 5000K, 4000K, 3000K, red, green, blue, and amber.

