



GALAXY

GR100



DESCRIPTION

Galaxy is designed to be well adapt to high ceiling applications thanks to it's super high efficient thermal management and high light efficiency 100lm/w. Except for classic white color, Galaxy also support tunable white and CCT selectable with unparalleled quality light distribution, plus low glare UGR<16 design, Galaxy downlight delivers high-end, architectural-grade illumination precisely where you need it.

Its tool-free, field-changeable reflector allow you to easily change how your spaces feel and perform with minimal labor.

FEATURES

- GR100 max 25W
- High lumen efficiency of 90lm/W;
- Tunable white allow more flexible light adjustment to match the mood;
- Low glare UGR<16 for visual comfort;
- Magnetic reflector design enable tool-free replacement without trouble in positioning.

ELECTRICAL

Power: 20W / 25W
Voltage: 220-240V / 100-277V AC
Frequency: 50/60Hz
Power factor: >0.90
Dimming: On-off / 0/1-10V / DALI / TRIAC

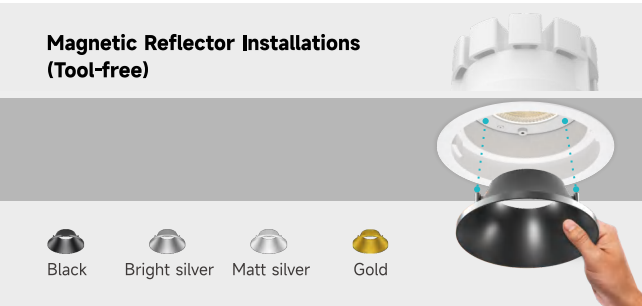
OPTICAL

LED type: COB
Lumen output: 1730lm(20W), 2056lm(25W)
Beam optic: 24° / 38° / 50°
Color quality: CRI 80+/90+, SDCM≤3
Light color: Static white: 2700K/3000K/3500K/4000K
Tunable White: 2700K-5000K
Full Spectrum: RGBCW

LUMINAIRE

Housing color: White / Black / Silver
Operating temperature: -20°C~40°C
Lifespan: >50000h@80%(L80)
Warranty: 5 years limited warranty

DETAILS





ORDERING INFORMATION

GR100						
SERIES	LUMEN	HOUSING COLOR	CRI	CCT	OPTIC	DIMMING
☐ GR100 GALAXY 100mm Aperture	☐ L17 1700lm ☐ L20 2000lm	☐ W White ☐ B Black ☐ S Silver	☐ 8 80+ ☐ 9 90+	☐ 27 2700K ☐ 30 3000K ☐ 35 3500K ☐ 40 4000K ☐ TW Tunable White 2700K-5000K ☐ FS Full Spectrum RGBCW	☐ 024 24° ☐ 038 38° ☐ 050 50°	☐ V 0-10V ☐ T Triac ☐ X 0-10V/Triac ☐ D DALI ☐ N Non-dimming

ACCESSORIES (TO BE ORDERED SEP ARATELY)
FOR INSTALLATION CONSULT THE INSTRUCTION SHEET

SECONDARY REFLECTOR COLOR

☐ **Black**
GR100-SB


☐ **Bright Silver**
GR100-SBS


☐ **Matt Silver**
GR100-SMS


☐ **Gold**
GR100-SG



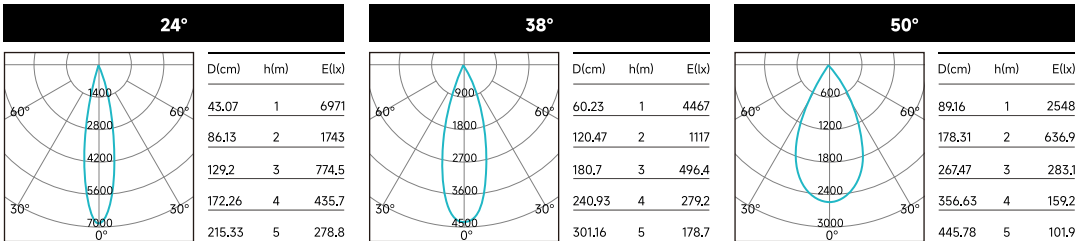

PHOTOMETRIC DATA (NON-DIMMING)

POWER	CCT	CRI	BEAM OPTIC	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)
20W	3000K	90	24°	1702	91	6988
			38°	1730	92	4482
			50°	1668	88	2531
25W	3000K	90	24°	2018	90	8279
			38°	2056	91	5303
			50°	1948	87	2953

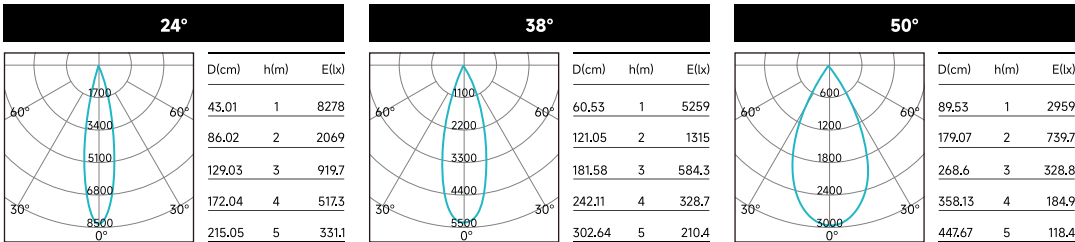
Above test data is based on GR100 with 3000K 90CRI LED.

LIGHT DISTRIBUTION

3000K 20W



3000K 25W



Above test data is based on GR100 with 3000K 90CRI LED.

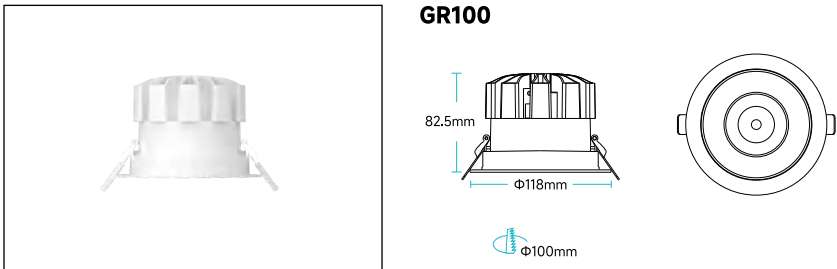
LUMEN MULTIPLIERS

CCT	MULTIPLIER
2700K	0.95
3000K	1.00
3500K	1.04
4000K	1.06

Applying Lumen Multipliers to Calculate Delivered Lumens

Base Fixture Delivered Lumens (from PHOTOMETRIC DATA)	x	CCT Multiplier	=	Delivered Lumens for Desired Fixture
STANDARD TRIM Example: GR100 20W 3500K				
1730 lm	x	1.04	=	1770 lm

DIMENSION





GALAXY DOWNLIGHT

Galaxy is designed to be well adapt to high ceiling applications thanks to it's super high efficient thermal management and high light efficiency 100lm/w.

Except for classic white color, Galaxy also support tunable white and CCT selectable with unparalleled quality light distribution, plus low glare UGR<16 design, Galaxy downlight delivers high-end, architectural-grade illumination precisely where you need it.

Its tool-free, field-changeable reflector allow you to easily change how your spaces feel and perform with minimal labor.

DETAILS



Scan to know more about product information