



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 100lm/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:	0/1-10V (1%) / TRIAC (1%) / DALI (0.1%)

OPTICAL

LED type:	COB
Lumen output:	1979lm(20W), 2277lm(25W)
Beam optic:	24° / 38° / 50°
Color quality:	CRI 80+/90+, SDCM≤3
Light color:	Static white: 2700K/3000K/4000K/5000K Tunable White: 2700K-5000K

LUMINAIRE

Trim Color:	White / Black / Custom Finish*(Consult Factory)
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	☐ L19 1900lm ☐ L22 2200lm	☐ W White ☐ B Black ☐ C Custom Finish *(Consult Factory)	☐ 8 80+ ☐ 9 90+	☐ 27 2700K ☐ 30 3000K ☐ 40 4000K ☐ 50 5000K ☐ TW Tunable White 2700K-5000K	☐ 024 24° ☐ 038 38° ☐ 050 50°	☐ V 0-10V ☐ T Triac ☐ X 0-10V/Triac ☐ D DALI

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

SECONDARY REFLECTOR COLOR

☐ Black
GR100-SB


☐ Bright Silver
GR100-SBS


☐ Matt Silver
GR100-SMS


☐ Gold
GR100-SG



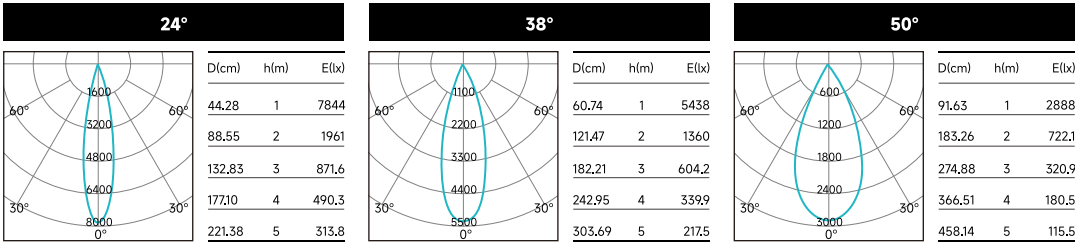

PHOTOMETRIC DATA (NON-DIMMING)

POWER	CCT	CRI	BEAM OPTIC	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)
20W	3000K	90	24°	1928	96	7844
			38°	1979	99	5446
			50°	1899	95	2886
25W	3000K	90	24°	2237	94	9086
			38°	2277	96	6302
			50°	2263	91	3444

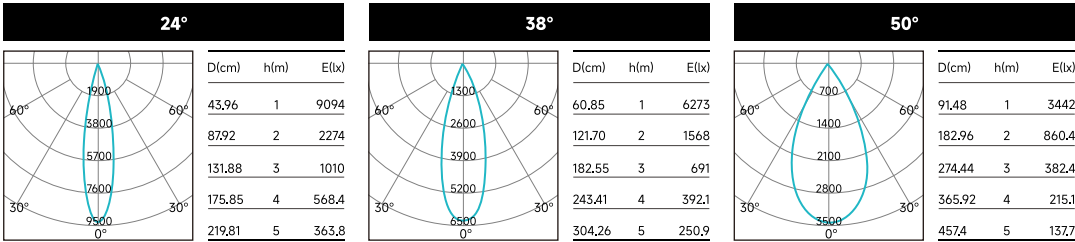
Above test data is based on GR100 with 3000K 90CRI LED.

LIGHT DISTRIBUTION

3000K 20W



3000K 25W



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

LUMEN MULTIPLIERS

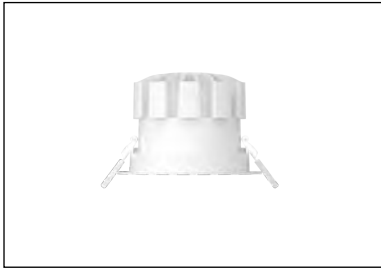
CCT	MULTIPLIER
2700K	0.95
3000K	1.00
3500K	1.03
4000K	1.05

Applying Lumen Multipliers to Calculate Delivered Lumens

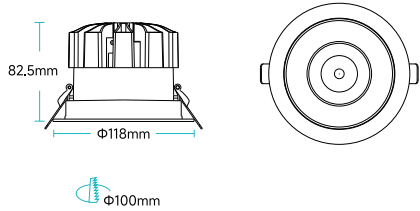
Base Fixture Delivered Lumens (from PHOTOMETRIC DATA)	x	CCT Multiplier	=	Delivered Lumens for Desired Fixture
STANDARD TRIM Example: GR100 20W 3500K				
1928 lm	x	1.03	=	1985 lm



DIMENSION



GR100



GALAXY DOWNLIGHT

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Scan to know more about product information