



Type:

Project:

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.

SPECIFICATIONS

ELECTRICAL

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

OPTICAL

LED Type:	COB
Lumen Output:	1979lm(20W), 2277lm(25W)
Beam Optic:	Spot (24°, 38°) / Flood (50°)
Color Quality:	CRI 80+/90+, SDCM≤3
Color Temperature:	Static White: 2700K, 3000K, 4000K, 5000K Tunable White: 2700K-5000K

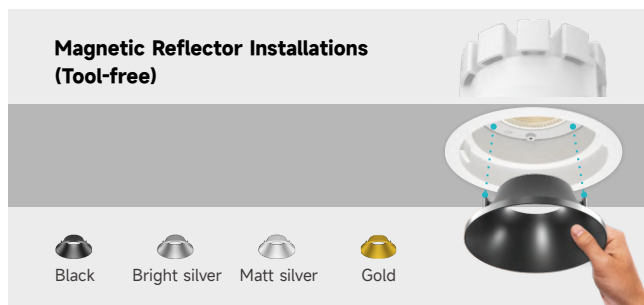
LUMINAIRE

Trim Color:	White / Black / Custom Finish*(Consult Factory)
Operating Temperature:	-20°C~40°C
Lifespan:	>50000h@80% (L80)
Warranty:	5 years Carefree for Parts and Components (Labor not included) LED luminaire life reduction and warranty invalidation will occur if installed in environments above 40°C

PHYSICAL

Ceiling Thickness:	1mm to 20mm spring clip
Construction:	Aluminum
Mounting:	Recessed with spring clips

DETAILS





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ORDERING INFORMATION

GR100						
SERIES	LUMEN	HOUSING COLOR	CRI	CCT	OPTIC	DIMMING
<input type="checkbox"/> GR100 GALAXY 100mm Aperture	<input type="checkbox"/> L19 1900lm <input type="checkbox"/> L22 2200lm	<input type="checkbox"/> W White <input type="checkbox"/> B Black <input type="checkbox"/> C Custom Finish *(Consult Factory)	<input type="checkbox"/> 8 80+ <input type="checkbox"/> 9 90+	<input type="checkbox"/> 27 2700K <input type="checkbox"/> 30 3000K <input type="checkbox"/> 40 4000K <input type="checkbox"/> 50 5000K <input type="checkbox"/> TW Tunable White 2700K-5000K	<input type="checkbox"/> 024 Spot 24° <input type="checkbox"/> 038 Spot 38° <input type="checkbox"/> 050 Flood 50°	<input type="checkbox"/> V 0-10V <input type="checkbox"/> T Triac <input type="checkbox"/> X 0-10V/Triac <input type="checkbox"/> 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





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PHOTOMETRIC DATA (NON-DIMMING)

LUMEN PACKAGE	POWER	CCT	24°			38°			50°		
			LUMENS	EFFICACY	MAX CANDELA	LUMENS	EFFICACY	MAX CANDELA	LUMENS	EFFICACY	MAX CANDELA
GR100	20W	3000K	1928	96	7844	1979	99	5446	1899	95	2886
GR100	25W	3000K	2237	94	9086	2277	96	6302	2263	91	3444

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

LUMEN MULTIPLIERS

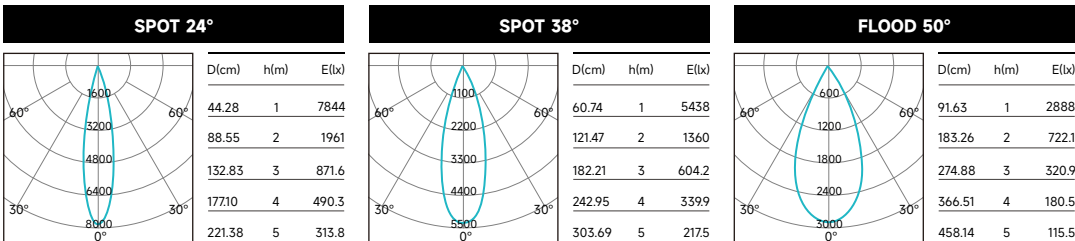
CCT	MULTIPLIER
2700K	0.95
3000K	1.00
3500K	1.03
4000K	1.05

Applying Lumen Multipliers to Calculate Delivered Lumens

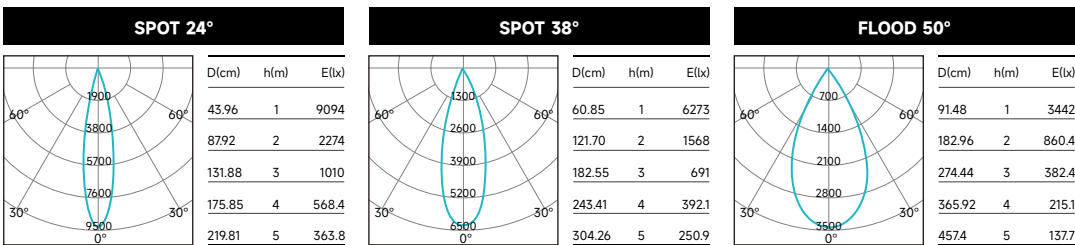
Base Fixture Delivered Lumens (from PHOTOMETRIC DATA)	x	CCT Multiplier	=	Delivered Lumens for Desired Fixture
STANDARD TRIM Example: GR100 20W 3500K				
1928 lm	x	1.03	=	1985 lm

LIGHT DISTRIBUTION

3000K 20W



3000K 25W



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



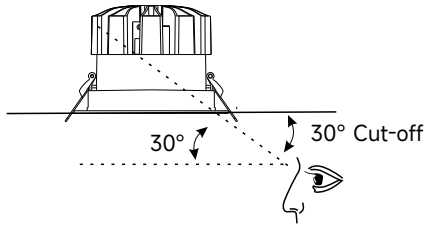
Type:

SPECIFICATION SHEET

Project:

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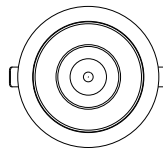
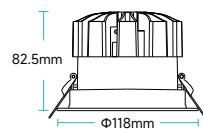
BEAM CUT OFF ANGLE

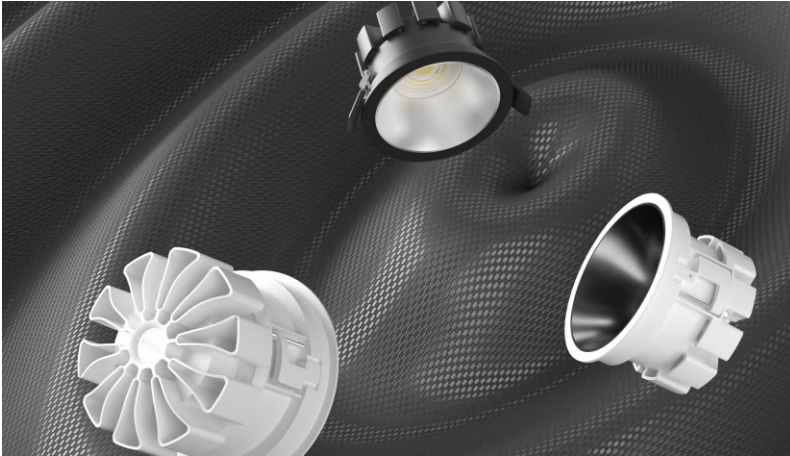


DIMENSION



GR100





GALAXY DOWNLIGHT

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