



Type:

SPECIFICATION SHEET

Project:

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GALAXY

GR125



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

- GR125 max 35W
- 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:	30W, 35W
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:	2729lm(30W), 3151lm(35W)
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

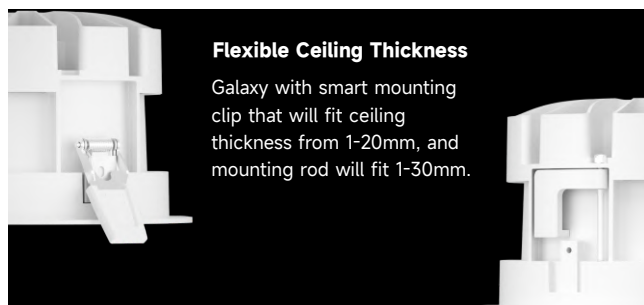
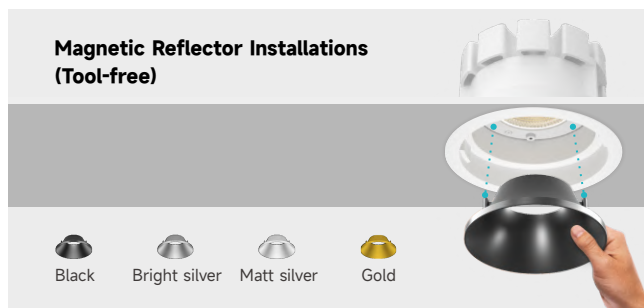
LUMINAIRE

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 1mm to 30mm mounting rod
Construction:	Aluminum
Mounting:	Recessed with spring clips

DETAILS





Type:





Project:

ORDERING INFORMATION

GR125						
SERIES	LUMEN	HOUSING COLOR	CRI	CCT	OPTIC	DIMMING
<input type="checkbox"/> GR125 GALAXY 125mm Aperture	<input type="checkbox"/> L27 2700lm <input type="checkbox"/> L31 3100lm	<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**
 GR125-SB

- Bright Silver**
 GR125-SBS

- Matt Silver**
 GR125-SMS

- Gold**
 GR125-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
GR125	30W	3000K	2644	90	10836	2729	93	6988	2679	91	3683
GR125	35W	3000K	3021	87	12378	3151	90	8106	3075	88	4218

Above test data is based on GR125 with 3000K 90CRI LED.

LUMEN MULTIPLIERS

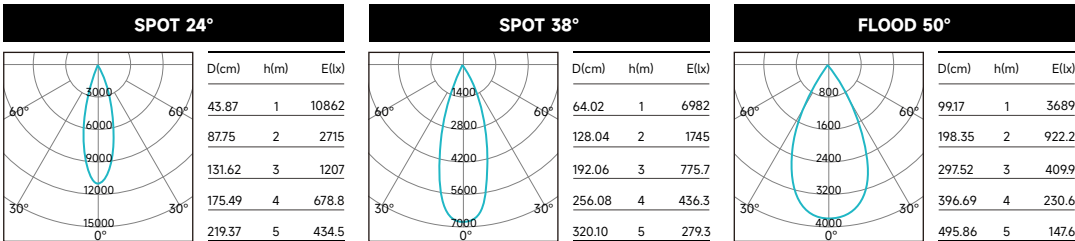
CCT	MULTIPLIER
2700K	0.95
3000K	1.00
3500K	1.03
4000K	1.05

Applying Lumen Multipliers to Calculate Delivered Lumens

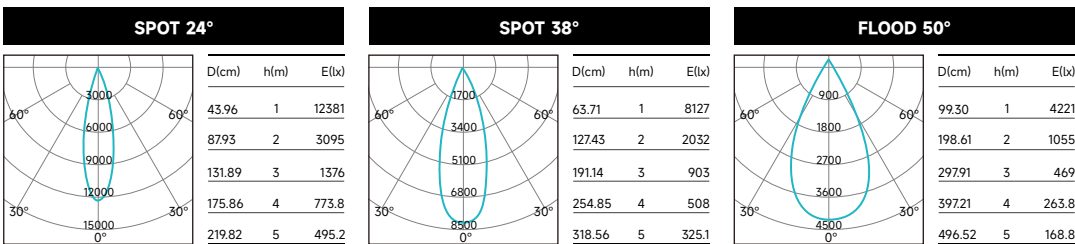
Base Fixture Delivered Lumens (from PHOTOMETRIC DATA)	x	CCT Multiplier	=	Delivered Lumens for Desired Fixture
STANDARD TRIM Example: GR125 3500K				
2644 lm	x	1.03	=	2723 lm

LIGHT DISTRIBUTION

3000K 30W



3000K 35W



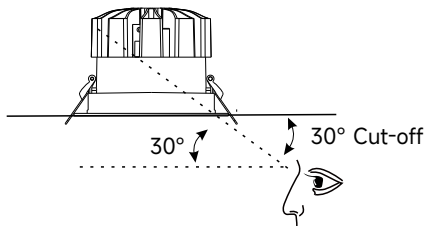
Above test data is based on GR125 with 3000K 90CRI LED.



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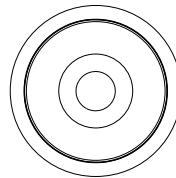
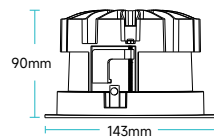
BEAM CUT OFF ANGLE

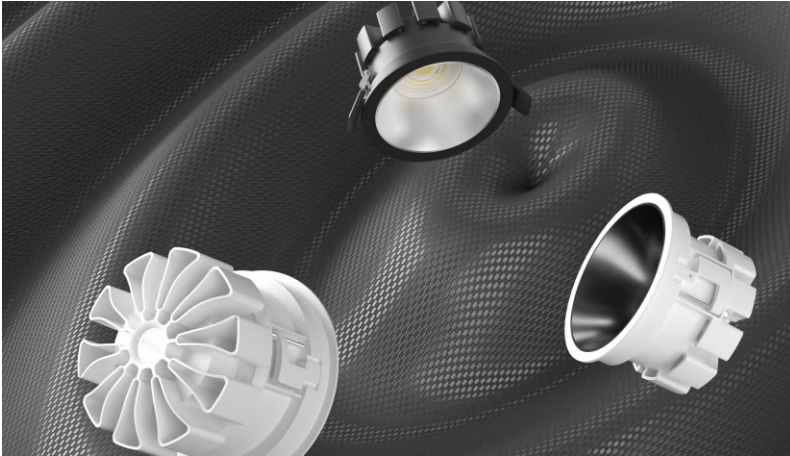


DIMENSION



GR125





GALAXY DOWNLIGHT

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