



Type:

Project:

GALAXY

GR150



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

- GR150 max 45W.
- 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:	40W, 45W
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:	4186lm (40W), 4726lm (45W)
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

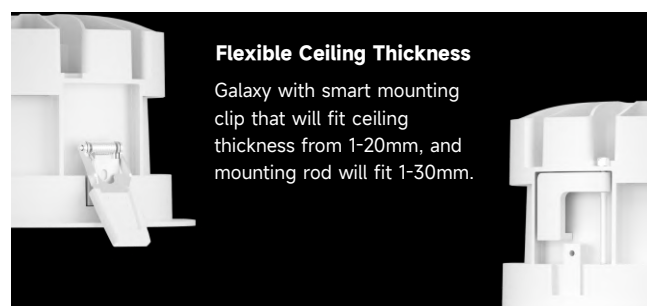
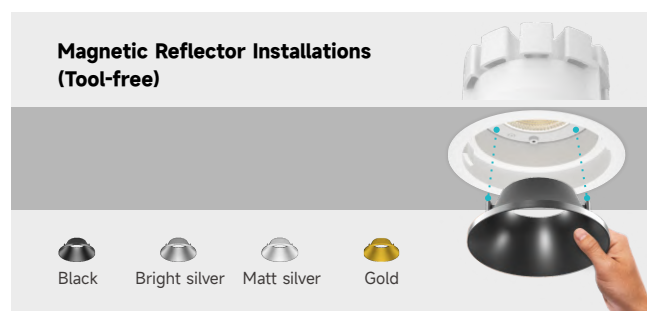
LUMINAIRE

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:





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ORDERING INFORMATION

GR150						
SERIES	LUMEN	HOUSING COLOR	CRI	CCT	OPTIC	DIMMING
<input type="checkbox"/> GR150 GALAXY 150mm Aperture	<input type="checkbox"/> L41 4100lm <input type="checkbox"/> L47 4700lm	<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**
 GR150-SB

- Bright Silver**
 GR150-SBS

- Matt Silver**
 GR150-SMS

- Gold**
 GR150-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
GR150	40W	3000K	4151	97	14547	4186	99	9274	4089	97	5583
GR150	45W	3000K	4707	99	16540	4726	99	10455	4621	97	6317

Above test data is based on GR150 with 3000K 90CRI LED.

LUMEN MULTIPLIERS

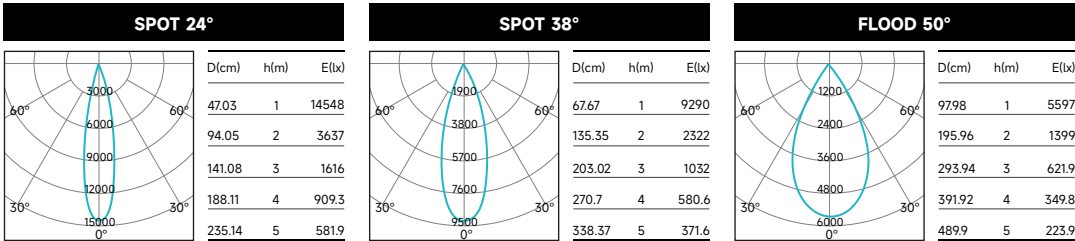
CCT	MULTIPLIER
2700K	0.95
3000K	1.00
3500K	1.03
4000K	1.05

Applying Lumen Multipliers to Calculate Delivered Lumens

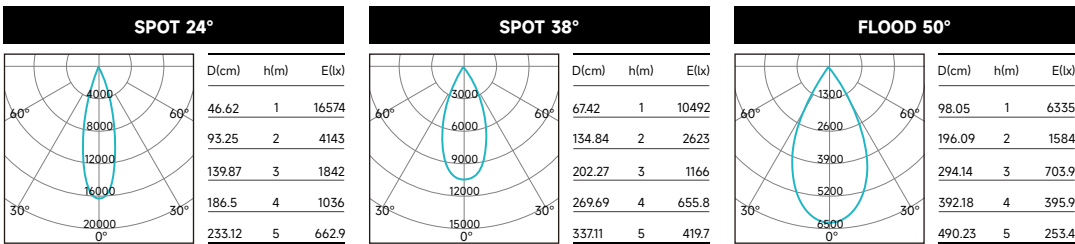
Base Fixture Delivered Lumens (from PHOTOMETRIC DATA)	x	CCT Multiplier	=	Delivered Lumens for Desired Fixture
STANDARD TRIM Example: GR150 3500K				
4151 lm	x	1.03	=	4275 lm

LIGHT DISTRIBUTION

3000K 40W

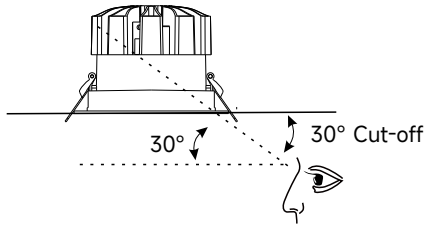


3000K 45W



Above test data is based on GR150 with 3000K 90CRI LED.

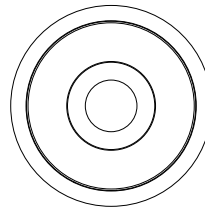
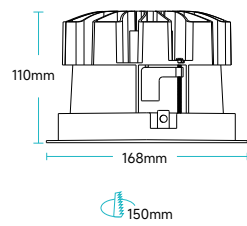
BEAM CUT OFF ANGLE

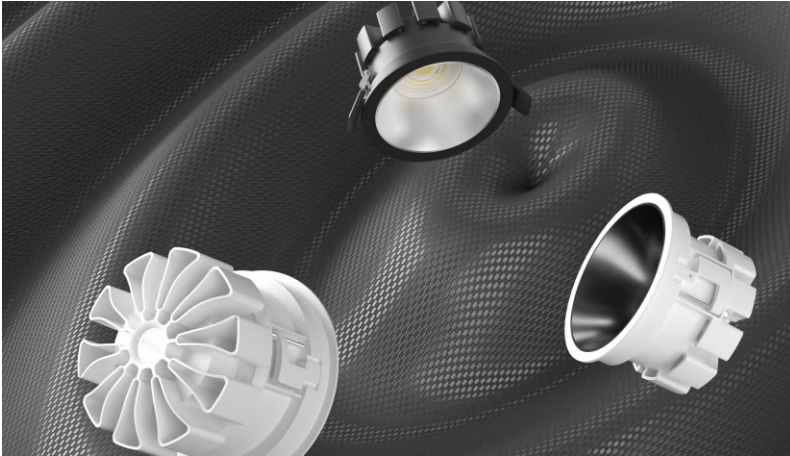


DIMENSION



GR150





GALAXY DOWNLIGHT

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