



A	B	C	D	S1	S2
6.4	.625	9.5	14.3	5.8	7.5
162.6 mm	15.88 mm	241.3 mm	363.2 mm	147.3 mm	190.5 mm

RDFI6LEDGV - TRIM FLANGE / IC / CCEA RATED

APPLICATION

6" LED recessed open aperture downlight for general downlighting. Constructed for compliance with Insulated Ceiling (IC) and Chicago Plenum (CCEA) requirements.

FEATURES

Single stage optical system with deep reflector design delivers smooth glare-free general illumination. Tool-less LED module, driver, and J-Box access. Multi-Bar mounting brackets. BH27 Standard mounting bars included. Posi-lock trim retention springs. Integral 0.625" collar, with Deep Ceiling Extension (PR), consult factory.

TRIM FINISH

A variety of architectural powdercoat and anodized finishes are available. Matte White flange is standard.

ELECTRONICS

GV LED system features high brightness white Samsung LED's. 3-step MacAdam Ellipse binning. Standard CRI: 85+. Higher CRI, R9 and custom LED configurations are available; consult factory. A variety of electronic 120V/277V and dimming drivers available.

CONSTRUCTION

Housing/frame constructed of #20 ga. galvanized steel to resist corrosion. Self-flanged one piece trim spun from 0.063" thick high purity aluminum and finished to specification. Passive machined aluminum heatsink.

CODE COMPLIANCE

BAA Compliant. IC rated for direct contact with insulation. ETL certified to meet US and Canadian standards. Suitable for dry or damp locations. Optional Wet location. Manufactured and tested to UL standards No. 1598/8750.

WATTAGE TO LUMENS UPDATE					
CURRENT PART NUMBER EXAMPLE	PREVIOUS PART NUMBER EXAMPLE	SOURCE LUMENS ¹	DELIVERED LUMENS ²	SYSTEM WATTS	LPW/LER
RDFI6LEDGV15L	RDFI6LEDGV14W	1500	1155	13.3	86.8

SERIES	LUMENS ¹	CCT	DRIVER / VOLTAGE ³	OPTIONS ⁴	TRIM	FINISH ⁷	TRIM OPTIONS	
RDFI6LEDGV	15L 1500 Lm	27K 2700K	E Electronic Driver 10% 0-10V DO10 1% 0-10V DS2W1 1% ELV/MLV, 120V DLTE1 1% Lutron® 2-Wire Forward Phase, 120V DL3E 1% Lutron® EcoSystem®, Fade EL10 1%, eldoLED ED01 0.1%, eldoLED DALI DALI Control	1 120V 2 277V	BH27 ⁵ 27" Solid Bars H12 12" - 24" Expandable Bars H06 6" - 12" Expandable Bars CB24 24" C-Channel Bars EMRM Remote EM Battery Pack FS Fusing EB Black Housing CR Corrosion Resistant PR ⁶ Deep Ceiling Extension GR Goof Ring AMB Anti Microbial Finish CCEA Chicago Ceiling Plenum Rated	RD6FGV ⁸	SG ⁹ Semi-Diffuse HZ Haze Full Diffuse MW Matte White MB Matte Black AC Anodic Champagne AS Anodic Sapphire PT Platinum Silver OB Oil Rubbed Bronze CH Charcoal AS Anodic Sapphire AM Anodic Malachite SN Sun Gold CO Copper Metallic GH Graphite AMB Anti Microbial Finish CC Custom Color	PF ¹⁰ Polished Flange SO ¹¹ Micro Prism Solite™ Lens PG Prismatic Glass Lens GL Clear Glass Lens FG Frosted Glass Lens
		30K 3000K						
		35K 3500K						
		40K 4000K						
		50K 5000K						

EXAMPLE: RDFI6LEDGV15L50KE1BH27/RD6FGVSGSO

NOTES:
 1 Nominal Source Lumens at 35K 2 Nominal Delivered Lumens at 35K with SG 3 Contact Factory for Additional Options 4 See Product Options Page For Details 5 Standard Bar Hangers 6 Contact Factory
 7 Contact Factory for Special Finishes 8 "F" Indicates Self-Flange Trim, Matte White Standard 9 Standard Finish 10 Flange Same Finish as Reflector 11 Standard Lens



PROJECT: _____
 TYPE: _____



Dimensions and values shown are nominal. Spectrum Lighting continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.