

Project Name:	Type:
Part Number:	Date:

6" INNOFIT GEN 2 COMMERCIAL DOWNLIGHT

SPECIFICATION FEATURES

- **Mechanical** - INNOFIT, with integrated driver, retrofits existing commercial housings and is field accessible from below the ceiling. Stainless steel spring action clips accommodate ½" to 2" ceiling thicknesses. Optional New Construction housing available.
- **Electrical** - Field select from three lumen outputs using SelectDrive technology. Universal 120-277V or 120V only, 50/60 Hz drivers available. Universal 0-10V drivers are dimmable to 5% with low end cutoff. 120V drivers are dimmable to 10% using forward or reverse phase dimmers.
- **Optical** - Self flanged, spun aluminum reflector with baffle trim for pleasant aesthetic in matte white finish. High resistance polycarbonate optical lens, with smooth diffusion. 105° beam angle. LED binned to 3-step SDCM to ensure color uniformity in 2700K, 3000K, 3500K, 4000K or 5000K CCT, with Minimum 80 CRI.
- **Thermal** - Fixture designed using passive thermal management to achieve a L70 rating of 50,000 hours.
Fixture operating temperature: -13°F to 95°F (-25°C to 35°C).
- **Compliance and Warranty** - ETL Classified and Listed for wet locations. Certified air-tight per ASTM 283-04. IC Rated for direct contact with insulation. 5 year parts warranty for complete fixture.



BENEFITS

- Field select lumen output
- Quick and easy installation
- 0-10V or 120V dimmable
- Wet Location, IC and Airtight Rated
- Long life time, L70 Rated for 50,000 hours

APPLICATIONS

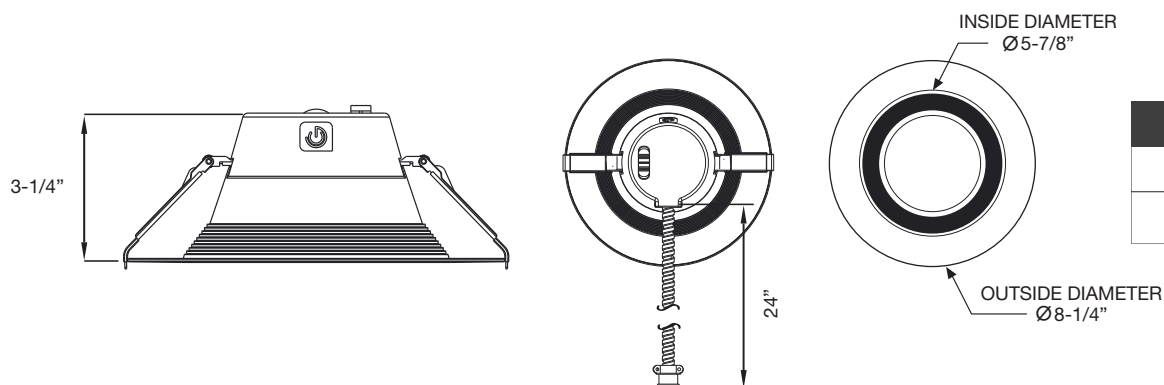
- New and retrofit construction
- Shallow plenum applications
- Commercial
- Retail & Office
- Education and Hospitality

ORDERING INFORMATION

Series	Size	CRI	CCT	Dimming
☒ INFT INNOFIT	☒ 6 6" 800 / 1,100 / 1,600 lumens	☒ 8 CRI 80	☐ 27 2700K	☐ DIM010UNV 120-277V, 0-10V (Dimmable to 5%)
			☐ 30 3000K	☐ DIM120V 120V forward or reverse-phase line voltage (Dimmable to 10%)
			☐ 35 3500K	
			☐ 40 4000K	
			☐ 50 5000K	

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LINE DRAWINGS



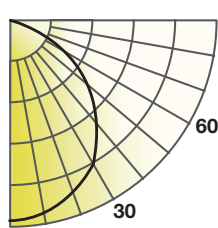
Ceiling Cutout	
Minimum	Maximum
Ø6"	Ø7-7/8"

TECHNICAL INFORMATION

Dimming	Input Voltage	Input Frequency	Input Current (Low / Med / High)	Input Power	THD Power	Power Factor
DIM120V	120V	50 / 60Hz	0.06 / 0.08 / 0.11A	6.5 / 9 / 13W	<20%	>0.9
DIM010VUNV	120V	50 / 60Hz	0.055 / 0.08 / 0.11A	6.5 / 9 / 13W	<20%	>0.9
	277V		0.032 / 0.04 / 0.052A			

PHOTOMETRY

INFT6/835/DIM010UNV (HIGH OUTPUT)



Lumens: 1,725 lm
CBCP: 689 cd
Power: 12.5 W
Efficacy: 135 lm/W
CRI: 80+
Spacing Criteria: 1.24
Beam Angle: 105°

Candlepower Distribution	
Angle (°)	Average (cd)
0	687
5	684
15	657
25	601
35	527
45	433
55	316
65	177
75	63
85	5
90	0

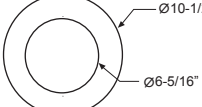
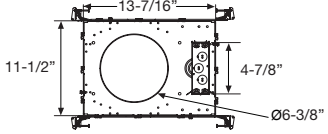
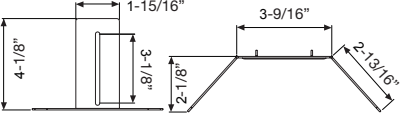
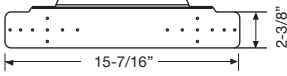
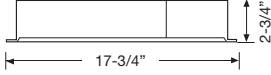
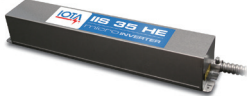
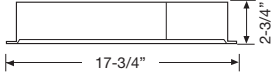
Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	16	21
9	13	23
10	10	26
12	7	31
15	5	39

Zonal Lumen Summary		
Zone	Lumens	%Fixture
0-30	527	31
0-40	855	50
0-60	1,467	85
0-90	1,725	100

PERFORMANCE

CCT	2700K			3000K			3500K			4000K			5000K		
Output	Low	Med	High	Low	Med	High	Low	Med	High	Low	Med	High	Low	Med	High
Lumens	793	1,098	1,586	845	1,170	1,682	878	1,215	1,725	884	1,224	1,768	903	1,251	1,800
LPW	122	122	122	130	130	130	135	135	135	136	136	136	139	139	139

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ACCESSORY ORDERING INFORMATION				
Product	Model	Description	Pictures	Dimenions
98568	GOOFRING6	Goof ring for extending from 8-1/4" to 10-1/2"		
35122	NCFJB6	6" Round New Construction Rough-in Frame with Jbox		
35126	NCFBFB	Field Installable Butterfly Brackets For New Construction Rough-in Frame		
35125	NCFEMB	Field Installable Emergency Bracket For New Construction Rough-in Frame		
58012	35EMINVERTER	35W Emergency Inverter (Field Installation)		
58013	35EMINVERTER/CEC	California Title 20 Compliant 35W Emergency Inverter (Field Installation)		
98003	23EMDRIVER	California Title 20 Compliant 23W Emergency LED Driver (Field Installation)	