

LED Diffuser Downlight

DATA SHEET



Product information

GE Lighting introduces the new standard range of LED Diffuser Downlighters. There are a selection of sizes and colour temperature options to meet customer requirements. With this new range lighting can be upgraded in key segments such as office, commercial buildings, retail backoffice, hospitality.

Benefits

- Direct replacement for compact fluorescent lamp downlights
- Over 55%+ energy saving compared to luminaires that use CFL PL lamps
- Affordable solution for retrofit or new installations
- Reduced replacement and maintenance costs
- Easy installation with fast connection
- Healthy – UV-free & IR-free

Features

- High efficiency: up to 100lm/w
- 45 000 hours lifetime (L70)
- Nominal Voltage: 220-240V
- Operating frequency: 50-60Hz
- 3 colour temperatures: 3000, 4000 and 6500K
- Colour rendering index: CRI 80+
- Beam angle: 100 +/-15°
- Operation temperature: -10°C to 40°C
- Luminaire storage: -40°C to 60°C

Fixture structure

- Integrated polycarbonate reflector and white aluminum housing for good heat dissipation
- 1 to 2,5 mm² hard wire for easy connection
- Wire spring leaf for secure installation
- Tested for glow wire at 850°C
- 210 mm (outer diameter) white ring accessory is available, suitable for 150mm-190mm cut-out size, for all 6" types

Application areas



Retail

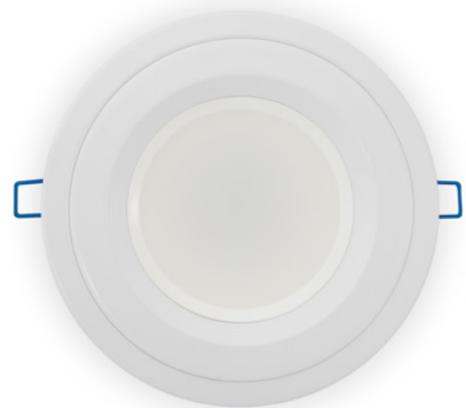


Hospitality



Office

- Stairways
- Corridors
- General illumination

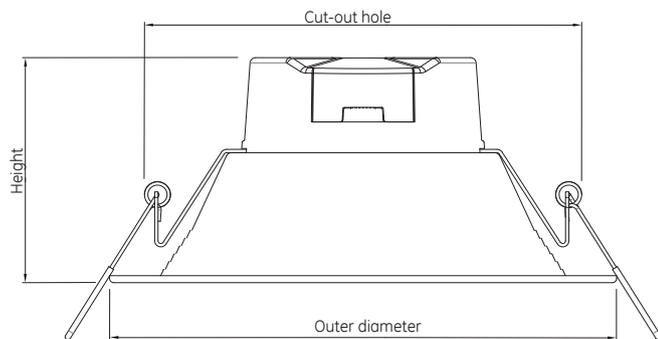


Specification summary

Product Code	Description	Wattage (W)	Lumen (lm)	Efficiency (lm/W)	Nominal Current (mA)	Power Factor	THD	CCT (K)	Rated life (h) (L70)	IP	Energy Class	Replacement for CFL Plug-in	Dimmable
93057436	DDTW6-1130-7SB-STC	11	1 100	100	60	0,9	<30%	3000	45000	20	A+		No
93057437	DDTW6-1140-7SB-STC	11	1 100	100	60	0,9	<30%	4000	45000	20	A+	1*18W	No
93057438	DDTW6-1165-7SB-STC	11	1 100	100	60	0,9	<30%	6500	45000	20	A+		No
93057439	DDTW6-1530-7SB-STC	15	1 500	100	75	0,9	<30%	3000	45000	20	A+		No
93057440	DDTW6-1540-7SB-STC	15	1 500	100	75	0,9	<30%	4000	45000	20	A+	2*13W / 1*26W	No
93057441	DDTW6-1565-7SB-STC	15	1 500	100	75	0,9	<30%	6500	45000	20	A+		No
93057442	DDTW8-1530-7SB-STC	15	1 500	100	75	0,9	<30%	3000	45000	20	A+		No
93057443	DDTW8-1540-7SB-STC	15	1 500	100	75	0,9	<30%	4000	45000	20	A+	2*13W / 1*26W	No
93057444	DDTW8-1565-7SB-STC	15	1 500	100	75	0,9	<30%	6500	45000	20	A+		No
93057445	DDTW8-2230-7SB-STC	22	2 200	100	105	0,9	<30%	3000	45000	20	A+		No
93057446	DDTW8-2240-7SB-STC	22	2 200	100	105	0,9	<30%	4000	45000	20	A+	2*26W / 1*32W	No
93057447	DDTW8-2265-7SB-STC	22	2 200	100	105	0,9	<30%	6500	45000	20	A+		No
93064214	DDTW6 accessory ring *												

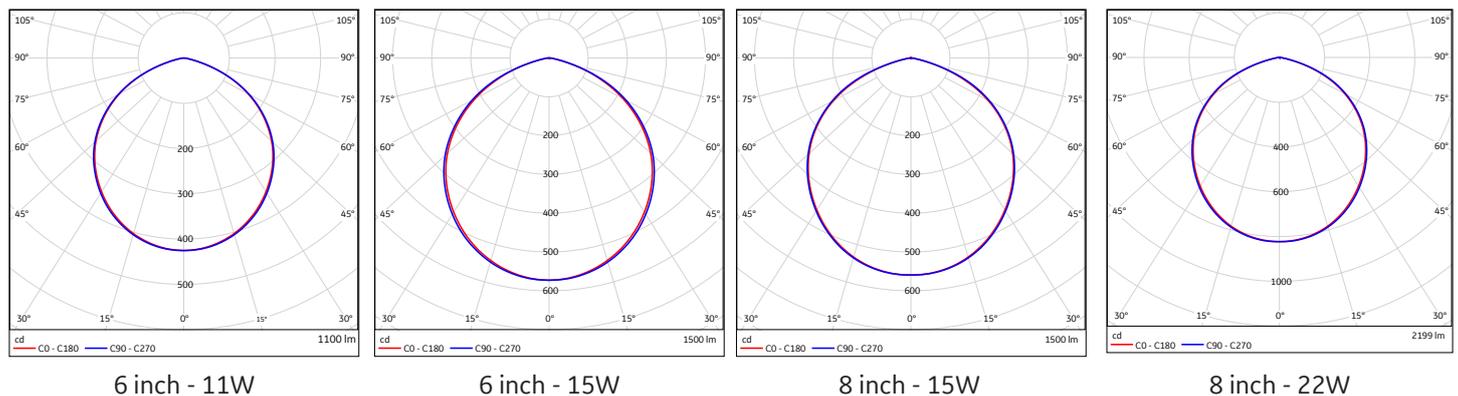
* should be ordered separately for 6" fixtures

Dimensions



Size	Outer Diameter (mm)	Height (mm)	Cut-out hole (mm)	Weight (g)
6"/148 mm	180+/- 2	81	155-160	320
6" accessory ring	210		150-190	
8" /200 mm	240+/-2	93	200-205	480

Photometric data



Photometry is based on LM79

Ordering information

Product ID	Housing color	Size (Diameter)	System Wattage (W)	CCT	Voltage Range (V)	Controller	Driver location	Emergency option	Connector
DM: Downlight, Diffuser Series	W: white	6: 6" 8: 8"	11: 11W 15: 15W 22: 22W	30: 3000K 40: 4000K 65: 6500K	7: 220-240V	S: Static	B: built-in	ST: Standard version	C: with connector

Example:

DDTW6-1130-7SB-STC - Standard Diffuser Downlight, white 6" diameter, 11W, 3000K, 220-240V with built-in static driver & connector

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