

# LED Slim Downlight



## Product information

GE Lighting introduces the new standard range of LED Slim Recessed Downlighters. There are a selection of sizes and colour temperature options to meet customer requirements. With this new extra slim range lighting can be upgraded in key segments such as office, commercial buildings, retail backoffice, hospitality. Easy choice to make switch to LED and benefit from energy saving and long life time.

## Benefits

- Direct replacement for compact fluorescent lamp downlights
- Up to 54% energy saving compared to luminaires that use CFL PI lamps
- Affordable solution for retrofit or new installations
- Reduced replacement and maintenance costs
- Easy installation
- UV-free & IR-free
- Product height with driver (36mm) fits more ceiling types

## Features

- High efficiency: up to 90lm/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:  $110 \pm 12^\circ$
- Operation temperature:  $-10^\circ\text{C}$  to  $40^\circ\text{C}$
- Luminaire storage:  $-40^\circ\text{C}$  to  $60^\circ\text{C}$
- 12 & 12W (1080 & 2000 lm) version is available with Tridonic Dali driver

## Fixture structure

- Integrated polystyrene and polymethyl methacrylate front material and white aluminum housing for good heat dissipation
- 0,75 mm<sup>2</sup> hard wire for easy connection
- Tested for glow wire at  $650^\circ\text{C}$

## Application areas



Retail



Hospitality



Office

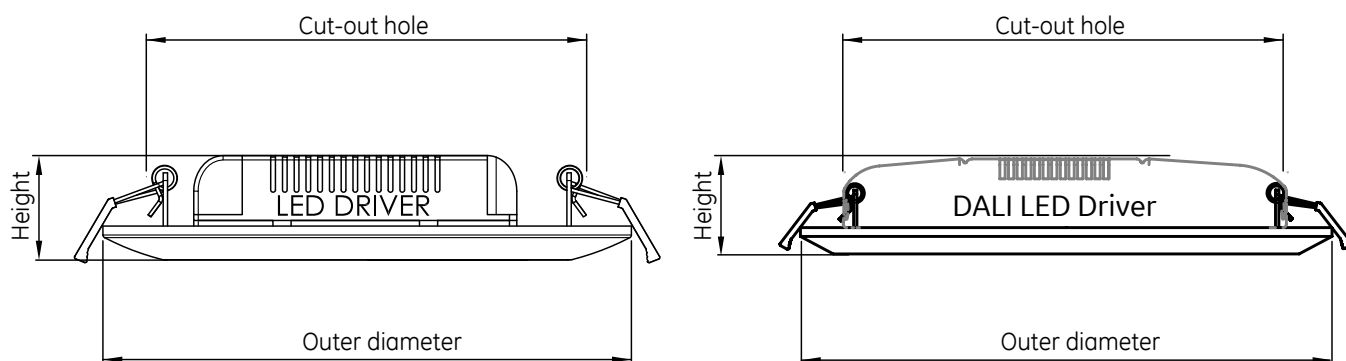
- Stairways
- Corridors
- General illumination



## 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	Energy Saving	Dimmable
93064747	DSTW6-1230-7SR-ST	12	1080	90	62	0,9	<30%	3000	45000	40	A	2 x 13W /	up to 54%	No
93064748	DSTW6-1240-7SR-ST	12	1080	90	62	0,9	<30%	4000	45000	40	A	1 x 18W /		No
93064749	DSTW6-1265-7SR-ST	12	1080	90	62	0,9	<30%	6500	45000	40	A	1 x 26W		No
93064753	DSTW8-1830-7SR-ST	18	1530	85	95	0,9	<30%	3000	45000	40	A	2 x 18W / 1 x 32W	up to 50%	No
93064754	DSTW8-1840-7SR-ST	18	1620	90	95	0,9	<30%	4000	45000	40	A			No
93064755	DSTW8-1865-7SR-ST	18	1620	90	95	0,9	<30%	6500	45000	40	A			No
93068480	DSTW8-2230-7SR-ST	22	2000	91	115	0,9	<30%	3000	45000	40	A	2 x 18W / 2 x 26W	up to 58%	No
93068481	DSTW8-2240-7SR-ST	22	2000	91	115	0,9	<30%	4000	45000	40	A			No
93068482	DSTW8-2265-7SR-ST	22	2000	91	115	0,9	<30%	6500	45000	40	A			No
93071362	DSTW6-1230-7DR-ST	12	1080	90	62	0,9	<30%	3000	45000	40/20	A	2 x 13W / 1 x 18W / 1 x 26W	up to 54%	DALI
93071363	DSTW6-1240-7DR-ST	12	1080	90	62	0,9	<30%	4000	45000	40/20	A			DALI
93071364	DSTW6-1265-7DR-ST	12	1080	90	62	0,9	<30%	6500	45000	40/20	A			DALI
93071365	DSTW8-2230-7DR-ST	22	2000	91	115	0,9	<30%	3000	45000	40/20	A	2 x 18W / 2 x 26W	up to 58%	DALI
93071396	DSTW8-2240-7DR-ST	22	2000	91	115	0,9	<30%	4000	45000	40/20	A			DALI
93071397	DSTW8-2265-7DR-ST	22	2000	91	115	0,9	<30%	6500	45000	40/20	A			DALI

## Dimensions



Type	Size	Outer Diameter (mm)	Height (mm)	Cut-out hole (mm)	Weight (g) (with driver)	Weight (g) without driver
Static	6"/148 mm	180+/-2	36	150+/-2	310	240
Static	8"/200 mm	240+/-2	36	200+/-2	520	430
DALI	6"/148 mm	180+/-2	43	150+/-2	440	240
DALI	8"/200 mm	240+/-2	43	200+/-2	630	430

# Regulatory and standards

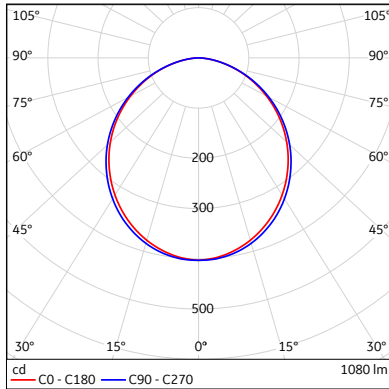
**Regulatory mark:** CE

**Regulations:** 2014/35/EU, 2014/30/EU, 2011/65/EU, (framework 2009/125/EC) EU/1194/2012 amended by EU 2015/1428, (framework 2010/30/EC) 874/2012 and 518/2014\*, 2012/19/EU\*

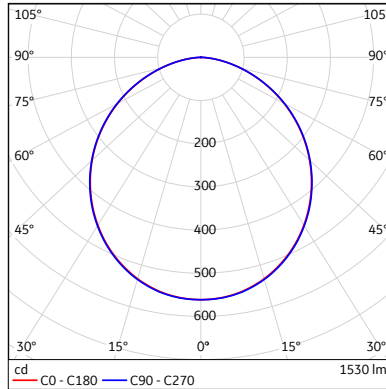
**Harmonized standards:** EN 60598, EN 62493, EN 61547, EN55015, EN 61000, look for CE Declaration of Conformity and Technical File for details

\*not on DOC

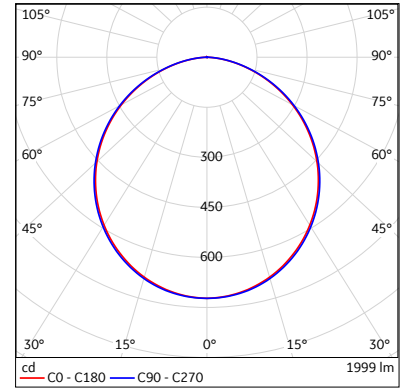
## Photometric data



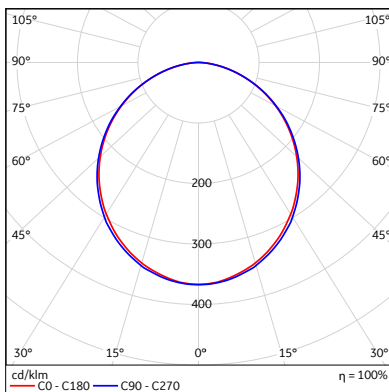
6 inch - 12W



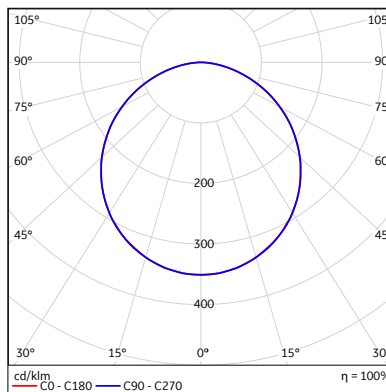
8 inch - 18W



8 inch - 22W



DALI - 12W



DALI - 22W

Photometry is based on LM79

Product ID	Housing color	Size (Diameter)	System Wattage (W)	CCT	Voltage Range (V)	Controller	Driver location	Emergency option
DST: Downlight, Slim Series	W: white	6: 6"	12: 12W	30: 3000K	7: 220-240V	S: Static D: DALI	R: remote driver	ST: Standard version
		8: 8"	18: 18W	40: 4000K				
			22: 22W	65: 6500K				

**Example:** DSTW6-1230-7SR-ST - Standard Slim Downlight, white 6" diameter, 12W, 3000K, 220-240V with remote static driver