SERIES 820

Downlights

PHOTONIC.
LIGHTING SOLUTIONS

OVERVIEW

The Series 820 is an IP44 family of deep recessed ceiling downlights with a Satin Etched Multi-Faceted reflector, available in four different sizes. Ideal for illumination of commercial spaces, offices, corridors, of both new buildings and refurbs, Series 820 can also be controlled via Dali or Bluetooth.

FEATURES

- IP44 in five sizes for a wide range of applications
- 3-4 different output options per luminaire, up to 4000 lumens
- 110 to 120 delivered Lumens per Watt
- Twistlock connectors on luminaires for rapid installation
- Fully dimmable via multiple control methods
- Premium European drivers from VS, Osram and Tridonic

OPTIONS

- Emergency plug and play options
- 3000, 4000 & 5700K (switchable on site)
- Dimming control via Dali or wireless via Bluetooth
- Loop in and out connections available (*)
- Emergency plug and play in self-test or manual versions

SERIES 820

Downlights

PRODUCT DIMENSIONS

Ø 113mm — Ø 145mm — Ø 174mm — Ø 205mm — Ø 232mm

60mm	74mm	87mm	100mm	111.4mm
Cut out Ø 90-100mm	Cut out Ø 120-130mm	Cut out Ø 145-155mm	Cut out Ø 175-195mm	Cut out Ø 195-210mm

PHOTOMETRIC

cd/klm
η = 100%

C0/C180
C90/C270
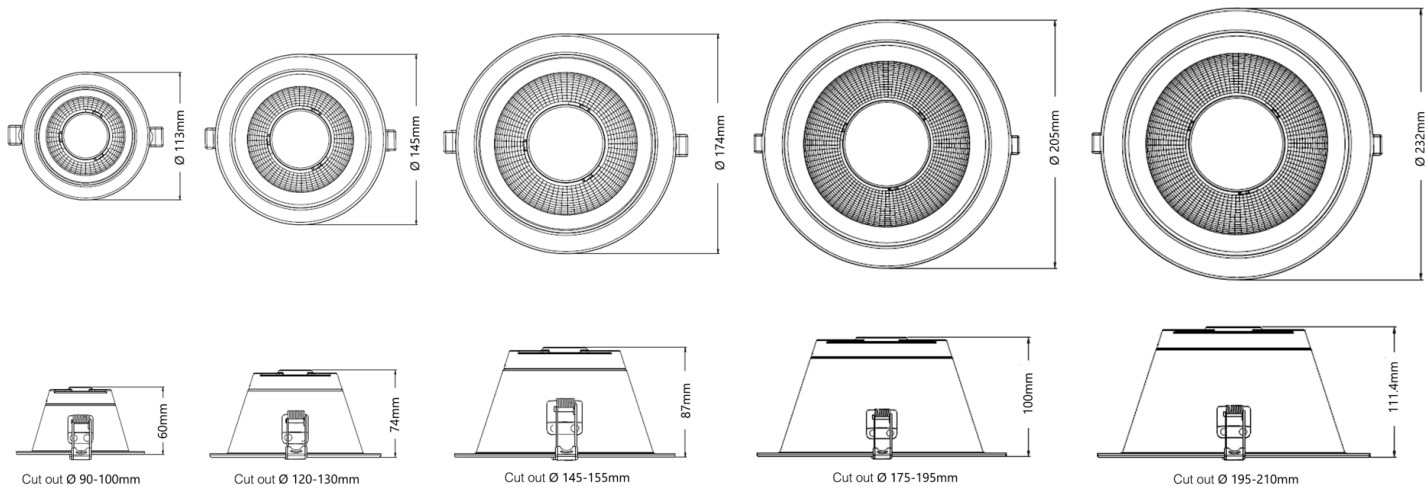
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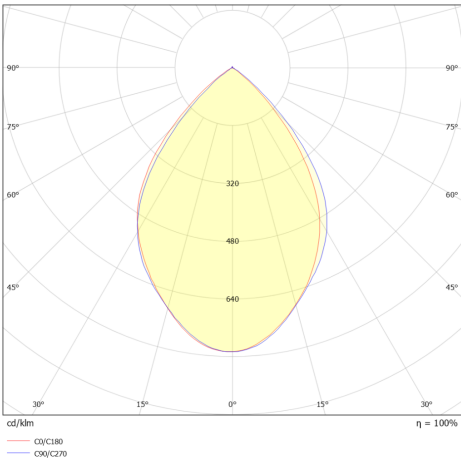
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PRODUCT SPECIFICATION

820 - (SZ) - (OT) - (CCT) - (CN) - (WR) - (EM)

Size (SZ)		Lumen Output (OT)	
Code	Description	Code	Description
113	Ø113mm	7	700 lumen (7W)
		9	900 lumen (10W)
		11	1100 lumen (12W)
145	Ø145mm	7	700 lumen (10W)
		11	1100 lumen (13W)
		15	1500 lumen (17W)
174	Ø174mm	9	900 lumen (10W)
		13	1300 lumen (13W)
		18	1800 lumen (17W)
		22	2200 lumen (21W)
205	Ø205mm	15	1500 lumen (13W)
		20	2000 lumen (17W)
		25	2500 lumen (21W)
		30	3000 lumen (25W)
232	Ø232mm	10	1000 lumen (11W)
		19	1900 lumen (20W)
		29	2900 lumen (29W)
		40	4000 lumen (41W)

* LILO available for Switched, DALI & Retractive dim products only.
Not recommended with emergency products

Correlated Colour Temp (CCT)	
Code	Description
830	3000K
840	4000K
857	5700K

Control (CN)	
Code	Description
N	Non Dimmable
D	DALI Dimmable
BC	Bluetooth Casambi
BH	Bluetooth Hubsense
RD	Retractive Dim

Wiring Configuration (WR)	
Code	Description
BLANK	Supplied with standard strain relief
LILO*	Loop in & Out strain relief

Emergency (EM)	
Code	Description
L3	3W emergency
SL3	Self test 3W Emergency
D2E	Dali-2 Test & Report