

FRDL

FIRE RATED DOWNLIGHTS

The FRDL range delivers high performance in a low profile body that will fit restricted ceiling voids. Available with a choice of flush or recessed diffusers and 3000K or 5000K.



Features

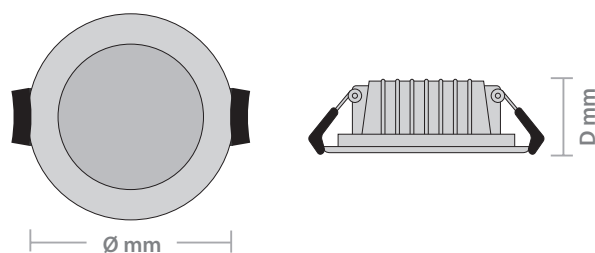
- Fire rated for 90 minutes to BS 476-21
- Acoustic rating BSEN ISO 10140-2:2010
- High efficacy - 100 lm/W
- Dimmable driver
- Shallow profile body and fast fix plug & socket connector



Specification

Material:	Housing: Die-Cast Aluminium Diffuser: PMMA
Colour Temperature:	3000K & 5000K
Colour Finish	White 9016
CRI	Ra>80
LED Lifetime:	L70B50 40,000 Hrs
IP Rating:	IP65 (From below ceiling)
IK Rating:	IK06
Working Temperature:	-20°C to 45°C
Beam Angle	90°
Power Factor	0.9
Electrical Class	Class II
Guarantee:	5 Years

Dimensions



Product Code	Dimensions	Cut Out
Flush Diffuser	Ø: 85mm, D: 31mm	70-75 mm
Recessed Diffuser	Ø: 85mm, D: 40mm	70-75 mm

Product Code	Description	Wattage	Lumen Output	Colour Temperature	Efficacy	Weight (Kg)	Barcode
FRDLF8WD-30	Flush Diffuser Downlight	8W	800 lm	3000K	100 lm/W	0.32	5055807618830
FRDLF8WD-50	Flush Diffuser Downlight	8W	800 lm	5000K	100 lm/W	0.32	5055807618847
FRDLR8WD-30	Recessed Diffuser Downlight	8W	800 lm	3000K	100 lm/W	0.32	5055807618854
FRDLR8WD-50	Recessed Diffuser Downlight	8W	800 lm	5000K	100 lm/W	0.32	5055807618861

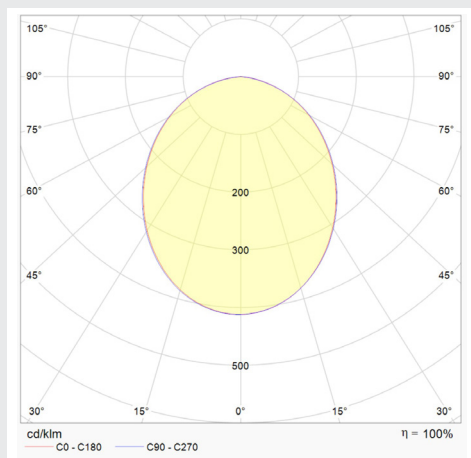


FRDLF8WD

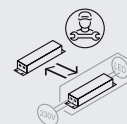
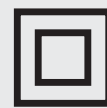
Maximum Fittings Per Circuit

Automatic Circuit Breaker Type:	B6	B10	B13	B16	B20	C10	C13	C16	C20
Rated Current:	6A	10A	13A	16A	20A	10A	13A	16A	20A
Cable (mm):	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.5
FRDLF8WD-30	87	145	188	232	290	145	188	232	290
FRDLF8WD-50	87	145	188	232	290	145	188	232	290
FRDLR8WD-30	87	145	188	232	290	145	188	232	290
FRDLR8WD-50	87	145	188	232	290	145	188	232	290

Light Distribution Curve

UK
CA

CE


www.redarrowelectrical.co.uk