

### LED Fire Rated Downlights

#### NLFRDL1, NLFRDL2



#### Product Description / Information

High performance, 400 lumen, fire-rated LED Downlight. Suitable for IP65 environments. Compact design, producing 83 lm/W and 50,000 lifetime hours. Including loop in, loop out connector for quick and easy installation: no tools required. Available in 3000K and 4000K LED colour temperatures with round twist and lock bezels sold separately.

#### Key Features

- Twist & Lock bezels sold separately
- High Efficacy
- Loop in/ loop out, push-fit connector
- Insulation coverable
- Shallow profile
- 5 year warranty
- IP65
- Mild Steel / Aluminium
- 64-72mm cut-out

#### Part Number / Description Table

M3	NL	Description
2500987650	NLFRDL1	Newlec Fire-rated Downlight NLFRDL1 400Lm 83Lm/W IP65 3000K CCT
2500987651	NLFRDL2	Newlec Fire-rated Downlight NLFRDL2 400Lm 83Lm/W IP65 4000K CCT

### Technical Details / Standards

- Building regulations:
  - Part B – 30, 60, 90 min ceiling protection
  - Part C – Moisture protection
  - Part E – Acoustic protection
  - Part P – Electrical safety
  - Part L – Conservation of energy (2014)

SAFETY	BS EN 60598-1:2015 BS EN 60598-2-13:2006 BS EN 60598-2-18:1994 BS EN 60598-2-22:2014 BS EN 60669-2-1:2004 BS EN 62031:2008
PHOTOBIOLOGICAL	BS EN 62471-2:2014
EMC	BS EN 55014-1:2006 BS EN 55015:2013 BS EN 61000-3-2:2014 BS EN 61000-3-3:2013 BS EN 61547-1:2009
LVD	BS EN 61347-1:2015 BS EN 61347-2-7:2012 BS EN 61347-2-13:2014

### Dimensions

Width (mm)	85
Depth (mm)	N/A
Height (mm)	58
Length (mm)	85
Diameter (mm)	85

### Photometric Data

Colour	Beam angle °	Product code	M3 code	CRI	Lumens	Lm/W	Lx at 1m	Wattage	Weight
3000K	55	NLFRDL1	2500987650	>80	400	83	360	4.8	190g
4000K	55	NLFRDL2	2500987651	>80	400	83	360	4.8	190g