

MODULA F300

LED Handrail



IP66
Ingress Protection



IK10
Impact Resistance



15-300
Lux Levels



48.3mm
Diameter Handrail



316
Stainless Steel Handrail

SPECIFICATION

- ✓ LED colour temperature 2700K, 3000K or 4000K
- ✓ Colour rendering index >80
- ✓ Rated life of 50,000 hours
- ✓ 48.3mm x 2mm stainless steel (grade 316) handrail (also available in grade 304 stainless steel)
- ✓ 42.4mm diameter slotted handrail optional
- ✓ Satin/brushed, bead blasted, bespoke and standard warm-to-touch RAL polyester powder coat finish
- ✓ Clear, diffused or multi coloured lens options
- ✓ Impact resistant polycarbonate LED module
- ✓ Back-to-back interconnecting modules for a continuous line of light
- ✓ Asymmetric or symmetric distribution
- ✓ Ambient temperature 25°C
- ✓ DALI lighting controls
- ✓ Dimmable or non-dimmable driver options available
- ✓ Emergency feature - 3hr battery back-up
- ✓ Parallel connection - all modules continue to function if one fails
- ✓ Bespoke fully conforming handrail bracket
- ✓ Each module is mechanically secured with vandal resistant (stainless steel 316) screws
- ✓ Easy installation and maintenance

RANGE OVERVIEW				
Type	Modula F300 Asymmetric	Modula F300 Symmetric	Emergency Modula F300 Asymmetric	Emergency Modula F300 Symmetric
System Power	8W	8W	8W (emergency circuit adds 0.29W)	8W (emergency circuit adds 0.29W)
LED CCT	2700K, 3000K or 4000K	2700K, 3000K or 4000K	2700K, 3000K or 4000K	2700K, 3000K or 4000K
Lumen Output	710lm	710lm	108lm	108lm
LED CRI	>80	>80	>80	>80

ELECTRICAL CHARACTERISTICS	
System Power	8W (emergency circuit adds 0.29W)
LED CCT	2700K, 3000K or 4000K
LED CRI	>80
Operational Voltage	Stabilised 24V DC \pm 5%
Luminaire Lumens (Diffused Lens)	710lm
Lumens Per Circuit Watt	89lm/CW
Emergency Circuit Luminaire Lumens	108lm
Emergency Circuit Lumens Per Circuit Watt	13.5lm/CW
Dimming Protocols	DALI or 0/1-10V
Additional Options	Emergency 3 hour back-up

MECHANICAL CHARACTERISTICS	
Module Dimensions	300mm x 22mm
Handrail Material	316 marine grade stainless steel
Handrail Finish	Satin/brushed, bead blasted, bespoke and standard warm-to-touch RAL polyester powder coat
Lens Material	Lumaax and antimicrobial/polycarbonate
Mechanical Fixing	Anti-vandal (stainless steel 316) screws
Ingress Protection Rating	IP66
Weight	175g per light module
Impact Resistance Rating	IK10
Standard	UKCA, CE and BS EN 60598-1



FOR MORE INFORMATION

+44 (0) 1527 521 162
www.trtlighting.co.uk

All information detailed within this datasheet is accurate at the date of issue. The information provided is subject to change at our discretion. If any questions arise or extra information is required, please contact TRT Lighting directly. Modula F300 LED Handrail Datasheet issue June 2023.