






# Modula F48

## Specification

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

-  IP66 Ingress Protection
-  IK10 Impact Resistance
-  1-200 Lux Levels
-  48.3mm Diameter Handrail
-  316 Stainless Steel Handrail



## Range Overview

Type	Modula F48 Asymmetric	Modula F48 Symmetric	Modula F48 Asymmetric	Modula F48 Symmetric
System Power	5W	5W	5W (emergency circuit adds 0.29W)	5W (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	430lm	430lm	108lm	108lm

# Modula F48


## Electrical Characteristics

Type	Modula 48
System Power	5W (emergency circuit adds 0.29W)
LED CCT	2700K, 3000K or 4000K
LED CRI	>80
Operational Voltage	Stabilised 24V DC $\pm$ 5%
Luminaire Lumens (Clear Lens)	430lm
Lumens Per Circuit Watt	86lm/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	140mm x 22mm
Handrail Material	316 marine grade stainless steel
Handrail Finish	Satin/brushed, bead blasted, electro polished, 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	100g per light module
Impact Resistance Rating	IK10
Standard	UKCA, CE and BS EN 60598-1

## For more information

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