

Freda T3



Installation
3-circuit power track

Housing Colours
White RAL 9010
Grey RAL 9006
Black 9005

Construction
Die-cast powder coated aluminium housing, polycarbonate adapter, aluminium reflector, integrated PSU

Protection Class 2, IP20

Certification
CE, UKCA

Weight: 0.6 Kg approx..

Light source
High efficiency LED

Beam Angles
Interchangeable reflectors
Narrow 15°, Medium 23.8°
Wide 33.3°, Extra Wide 56.9°

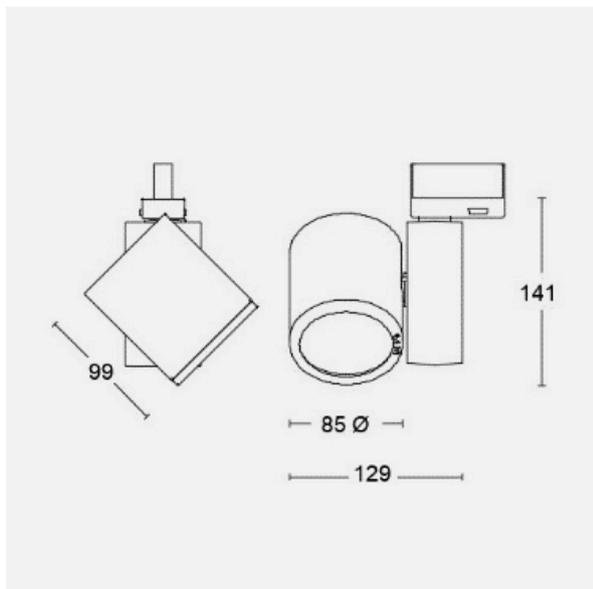
Luminous Efficacy
Up to 151 lm/W
L80/B10 50,000 hours

Light quality
2700K, 3000K, 3500K, 4000K
CRI ≥ Ra 90 and ≥ Ra 98 to special order, 3 SDCM. 2 SDCM and special light quality designs available on request

Lumen categories
2000, 3200, 4200 lumens

Lighting control
Phase, 1-10V, DALI, CASAMBI, Switched

Dimensions (mm)



Accessories

Reflectors

Light distribution



Light output details

Luminaire Output-						
CRI/CCT	350mA		600mA		800mA	
	Total Watts	13.5	Total Watts	23.1	Total Watts	31.8
	Lm	Lm/W	Lm	Lm/W	Lm	Lm/W
927	1965	146	3159	137	4071	128
930	2005	149	3223	140	4154	131
935	2025	150	3255	141	4196	132
940	2045	151	3287	142	4237	133
Lumen Class	2000		3200		4200	

Description

Cylindrical track spotlight; die-cast aluminium with powder coated surface available in three colours as standard, white, black and grey; adjustable light head, 355° rotation, 90° tilt; integrated PSU located in side mounted enclosure; toolless installation and repositioning within 3-phase power track; four beam angle options with interchangeable, 95% high efficiency, vapour deposition coated aluminium faceted reflectors, narrow, medium, wide and extra wide, three light output class options, 2000, 3200 and 4200 lumens; CRI >Ra 90 as standard and 98 Ra on special order basis; passive cooled LED via internal thermal management architecture; four dimming control options, Phase, 1-10V, DALI, CASAMBI and switched (non-Dim), as standard. DIM2warm versions also available. Construction from easily separable materials to facilitate convenient life-extending upgrades and end of life recycling.

Product part number nomenclature and example:



All dimensions in mm unless otherwise stated. Product images are used for illustrative purposes only and may differ to original. No liability assumed for errors and omissions in this publication. Product changes without reservation or notice. The general terms and conditions of Design 360 Ltd apply.
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Product part number	Product description
FRT3B3F2000N930W	Freda 3-circuit track spotlight, 2000 lumens, Narrow beam, CRI >90, 3000K, White body, Non-Dim

Options:

FR	T3	B3F	2000	N	9	30	W	D3
↓	↓	↓	↓	↓	↓	↓	↓	↓
Product Series	Mounting type	LED Module	Lumen Category (Lumens)	Beam angle	CRI (Ra)	CCT (Kelvin)	Body colour *	Lighting control
FR = Freda	T3 = 3-circuit track	B3F	2000	N = Narrow	9 ≥ 90	27 = 2700K	W = White RAL9010	D1 = Phase
			3200	M = Medium		30 = 3000K	G = Grey RAL9006	D2 = 1-10V
			4200	W = Wide		35 = 3500K	B = Black RAL9005	D3 = DALI
				XW = Extra Wide		40 = 4000K		Blank = Non-Dim

* Custom colours and finishes available on special order basis