



T-Flux EX Modular Spotlight

T-Flux EX complete modular design spotlight installed via track mount. Designed with interchangeable optics for different beam angles and includes a media holder for lighting accessories i.e. filters, lens and honeycomb louvre. Complete with multiple driver options. Built to conform to the requirements of BS EN 60598-1 and IEC 598. Photometrically tested to LM-79.



COMPLETE MODULAR DESIGN

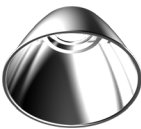
The complete modular design makes it easy to change the specification or appearance to match the requirements. Also saves time and cost on maintenance. Various lumen output options depends on spotlight size. 2700K, 3000K, 4000K, Warm Dim, colour rendering Ra>90 and 2 step Macadam are all available. Also provides wide range of control options such as Non-Dim, 0-10V, Dali, CASAMBI, TRIAC. (For 0-10V uses driver box, specific driver available by order)

Driver

Universal control gear options



Optic: Cree LED
Reflector: Xicato LED
Narrow to flood beam are all available



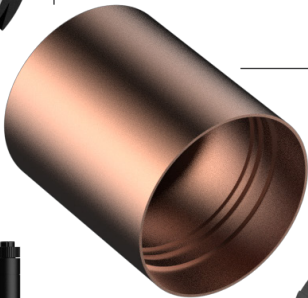
LED Engine

Cree or Xicato
Available in 85mm and 105mm



105mm up to 30W

85mm up to 20W



Body

White / Black / Bronze
(Other colours are available by order)



Lower Reflector

Specular silver /
Satin silver /
White / Black / Bronze
(Other colours are available by order)

CRI 98 COLOUR RENDERING GALLERY VERSION

For high end colour rendering such as galleries and luxury stores the T-Flux range can be supplied with Cree CRI98. The T-Flux EX105 also has the option of using a Xicato light engine. With multiple options lighting designers can easily find the best solution for their projects.



Drawing Room, Tannery Arts
Lighting Designer: Tom Johnson, Sanford Lighting Design

LUMEN PACKAGE

T-Flux EX85 Ø85mm



T-Flux EX105 Ø105mm



T-Flux 85 Standard - 19° / 25° / 36° / 50° Beam

CREE Lighting Engine - CRI 90, 2-Step MacAdam
2700K / 3000K / 4000K

Source Lumens	LED Wattage	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy
		19°		25°		36°		50°	
1500 lm	10.0 W	1155 lm	115 lm/W	1260 lm	126 lm/W	1230 lm	123 lm/W	1200 lm	120 lm/W
1950 lm	14.0 W	1501 lm	107 lm/W	1638 lm	117 lm/W	1599 lm	114 lm/W	1560 lm	111 lm/W
2350 lm	17.0 W	1832 lm	107 lm/W	1999 lm	117 lm/W	1951 lm	114 lm/W	1904 lm	112 lm/W

* Nominal delivered lumens

T-Flux 105 Standard - 13° / 19° / 25° / 36° / 50° Beam

CREE Lighting Engine - CRI 90, 2-Step MacAdam
2700K / 3000K / 4000K

Source Lumens	LED Wattage	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy
		13°		19°		25°		36°		50°	
2380 lm	17.0 W	1880 lm	110 lm/W	1832 lm	107 lm/W	1999 lm	117 lm/W	1951 lm	114 lm/W	1904 lm	112 lm/W
2780 lm	21.0 W	2196 lm	104 lm/W	2140 lm	101 lm/W	2335 lm	111 lm/W	2279 lm	108 lm/W	2224 lm	105 lm/W
3160 lm	25.0 W	2496 lm	99 lm/W	2433 lm	97 lm/W	2654 lm	106 lm/W	2591 lm	103 lm/W	2528 lm	101 lm/W

* Nominal delivered lumens

T-FLUX EX85 & T-FLUX EX105

GALLERY VERSION LUMEN PACKAGE

T-Flux 85 Gallery - 19° / 25° / 36° / 50° Beam
CREE Lighting Engine - CRI 98, 2-Step MacAdam
2700K / 3000K / 4000K

Source Lumens	LED Wattage	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy
		19°		25°		36°		50°	
1450 lm	10.0 W	1116 lm	111 lm/W	1218 lm	121 lm/W	1189 lm	118 lm/W	1160 lm	116 lm/W
1880 lm	14.0 W	1447 lm	103 lm/W	1579 lm	112 lm/W	1541 lm	110 lm/W	1504 lm	107 lm/W
2300 lm	17.0 W	1771 lm	104 lm/W	1932 lm	113 lm/W	1886 lm	110 lm/W	1840 lm	108 lm/W

* Nominal delivered lumens

T-Flux 105 Gallery - 13° / 19° / 25° / 36° / 50° Beam
CREE Lighting Engine - CRI 98, 2-Step MacAdam
2700K / 3000K / 4000K

Source Lumens	LED Wattage	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy
		13°		19°		25°		36°		50°	
2300 lm	17.0 W	1817 lm	106 lm/W	1771 lm	104 lm/W	1932 lm	113 lm/W	1886 lm	110 lm/W	1840 lm	108 lm/W
2680 lm	21.0 W	2117 lm	100 lm/W	2063 lm	98 lm/W	2251 lm	107 lm/W	2197 lm	104 lm/W	2144 lm	102 lm/W
3050 lm	25.0 W	2409 lm	96 lm/W	2348 lm	93 lm/W	2562 lm	102 lm/W	2501 lm	100 lm/W	2440 lm	97 lm/W

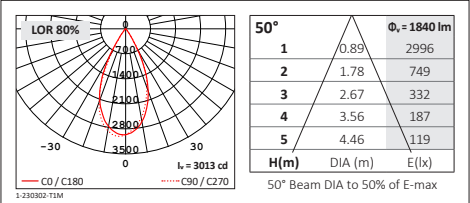
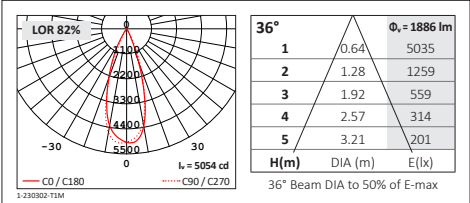
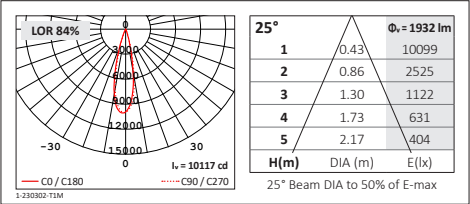
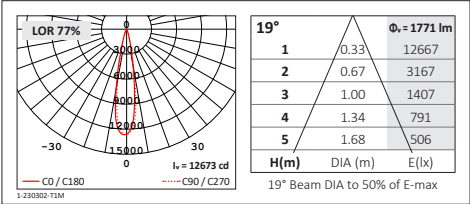
* Nominal delivered lumens

T-Flux 105 Gallery - 24° / 42° / 67° Beam
XICATO Lighting Engine - CRI >95, 2-Step MacAdam
2700K / 3000K / 4000K

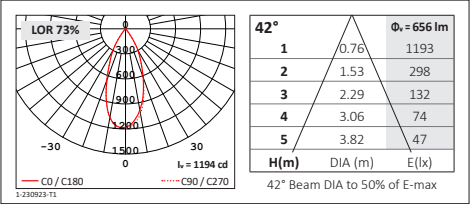
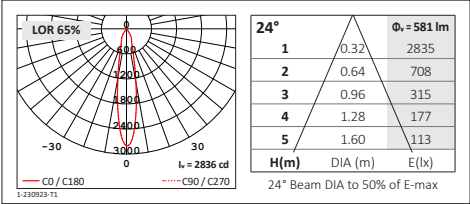
Source Lumens	LED Wattage	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy
		24°		42°		67°	
1580 lm	17.0 W	1248 lm	73 lm/W	1216 lm	71 lm/W	1327 lm	78 lm/W
2140 lm	25.0 W	1690 lm	67 lm/W	1647 lm	65 lm/W	1797 lm	71 lm/W
3000 lm	36.0 W	2370 lm	65 lm/W	2310 lm	64 lm/W	2520 lm	70 lm/W

* Nominal delivered lumens

T-FLUX EX85 STANDARD PHOTOMETRIC DATA



T-FLUX EX105 GALLERY PHOTOMETRIC DATA



PRODUCT CODING EXAMPLE: TX3A4322J35R620

Size	Distribution	Reflector Colour	Initial Lumen	CRI	Colour Temp	Driver Protocol	Shape	Case Colour	IP	Accessories
TX3A $\varnothing 85\text{mm}$	2 11°-20°	1 Specular	15 1500 lm	B Xicato	2 2700K	0 Non-Dim	R Round	3 Black	2 IP20	0 None
TX4A $\varnothing 105\text{mm}$	3 21°-30°	1 Silver	19 1950 lm	Ra95	3 3000K	1 1-10V		4 White		1 Honeycomb
	4 31°-40°	2 Satin Silver	23 2350 lm	J Cree	5 4000K	2 0-10V		6 Bronze		2 Elliptical Film
	5 41°-50°	3 Black		Ra90		5 DALI				3 Frosted Lens
	6 51°-60°	4 White		K Cree		7 TRIAC				
		6 Bronze		Ra98		8 Casambi				
TX3A	4	3	23	J	3	5	R	6	2	0

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