

TUNGSRAM SWIFTLUX



DATA SHEET

LED IP20 IK08 CLASS I CLASS II CE UK CA

Product information

Tungslux SwiftLux linear range of fixtures offer a quick install adaptable IP20 batten.

Its sleek and innovative design offer up to 144lm/w with a lifetime of 50,000 hours @ L80/B10.

Tried and tested integrated LED technology, which guarantees a quick installation and long life.

This range of fixtures offer a direct replacement for fluorescent battens in terms of lumen output and standard dimensions.

Application areas



Office



Public building



Corridors
and staircases

Key features

- Power: from 18W to 72W
- Control: DALI and Static control
- Efficiency: Up to 144lm/w
- Luminous flux: up to 9750lm
- CCT: 4000K
- Lifetime: 50.000 hours @ L80/B20
- 5 - Year Warranty
- IP20
- IK08
- Microwave Sensor Option
- Corridor function
- Flicker free Driver
- Loop in and loop out capability
- Emergency battery with more than 2000 charging - cycles and over 3h operation time
- Operating temperature between -20°C and +40°C
- Class II Driver options for Static range

Specification summary

Parameters below are the same for all luminaires in the range:

Light Technology used	LED
Light source	Non-replaceable light source
Mains / Non-mains	Non-mains Light source
Directional / Non-directional	Non-directional
Colour-tuneable	No
Anti-glare shield	No
Correlated color temperature (CCT)	4000K
Colour rendering index (CRI) (Ra) min	80
R9 colour rendering index value	0
SDCM (Standard Deviation or Color Maintenance)	≤6
Beam angle	120°
Flicker metric	<0.1
Stroboscopic effect metric	<0.4

Input Voltage & Frequency	220-240V(AC), 50/60Hz
Power factor	>0.90
Displacement factor	>0.90
Standby power	<0.5W
Lifetime L80B10	50000h
Survival factor at 3000h	1
Lumen maintenance at 3000h	96%
Ingress protection (IP)	IP20
Impact protection (IK)	IK08
Color of Housing	White RAL9016 Housing
Materials	Steel housing + PC cover

Parameters below are specific for each of the product codes:

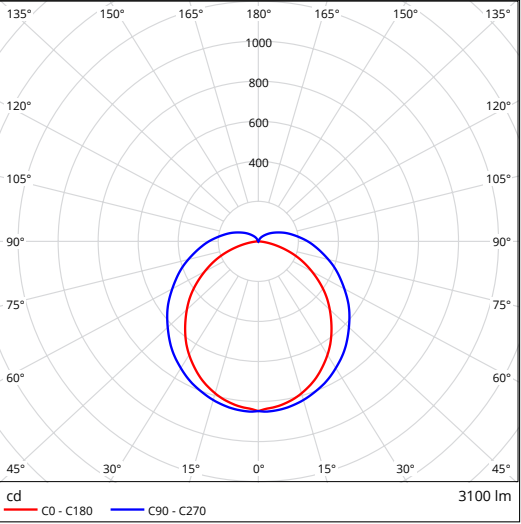
		ELECTRICAL DATA					PHOTOMETRICAL DATA				DIMENSIONS & WEIGHTS	
Product code	Description	Luminaire power (W)	On-mode power (W)	Lightsource input voltage (V (DC))	Lightsource input current (mA)	Dimmable	Luminaire lumen (lm)	Useful lumen (360°) (lm)	Emergency lumen (lm)	Luminaire Efficiency (lm/W)	Dimensions (LxWxH) (mm)	Product weight (kg)
STATIC RANGE												
93119486	SWIFTLUX G1 4' 22W 840 S	22	20	36	554	No (Static)	3100	3100	-	141	1203x65x66	1,3
93119492	SWIFTLUX G1 4' 37W 840 S	37	34	36	938	No (Static)	5200	5200	-	141	1203x65x66	1,4
93119487	SWIFTLUX G1 5' 36W 840 S	36	33	36	902	No (Static)	5100	5100	-	142	1503x65x66	1,7
93119493	SWIFTLUX G1 5' 57W 840 S	57	53	134	393	No (Static)	7980	7980	-	140	1503x65x66	1,7
93119488	SWIFTLUX G1 6' 53W 840 S	53	50	123	400	No (Static)	7500	7500	-	142	1803x65x66	2,0
93119494	SWIFTLUX G1 6' 69W 840 S	69	63	128	490	No (Static)	9670	9670	-	140	1803x65x66	2,1
STATIC RANGE with Class II Driver												
93120601	SWIFTLUX G1 4' 18W 840 SC2	18	16,7	34	500	No (Static)	2600	2600	-	144	1203x65x66	1,4
93120602	SWIFTLUX G1 4' 24W 840 SC2	24	22,2	35	650	No (Static)	3350	3350	-	140	1203x65x66	1,4
93120603	SWIFTLUX G1 4' 31W 840 SC2	31	28,8	37	800	No (Static)	4450	4450	-	144	1203x65x66	1,4
STATIC with Sensor												
93119498	SWIFTLUX G1 4' 21W 840 S MS	21	18	71	246	No (Static)	2870	2870	-	137	1203x65x66	1,4
93119501	SWIFTLUX G1 4' 38W 840 S MS	38	34	67	506	No (Static)	5200	5200	-	137	1203x65x66	1,5
93119499	SWIFTLUX G1 5' 34W 840 S MS	34	31	66	458	No (Static)	4760	4760	-	140	1503x65x66	1,8
93119502	SWIFTLUX G1 5' 55W 840 S MS	55	49	67	725	No (Static)	7200	7200	-	131	1503x65x66	1,9
93119500	SWIFTLUX G1 6' 52W 840 S MS	52	46	67	684	No (Static)	7100	7100	-	137	1803x65x66	2,1
DIMMABLE RANGE												
93119503	SWIFTLUX G1 4' 23W 840 D	23	20	36	550	Yes (DALI)	3220	3220	-	140	1203x65x66	1,4
93119506	SWIFTLUX G1 4' 40W 840 D	40	35	36	948	Yes (DALI)	5400	5400	-	135	1203x65x66	1,5
93119504	SWIFTLUX G1 5' 38W 840 D	38	33	36	900	Yes (DALI)	5130	5130	-	135	1503x65x66	1,7
93119507	SWIFTLUX G1 5' 62W 840 D	62	55	34	1600	Yes (DALI)	8100	8100	-	131	1503x65x66	1,9
93119505	SWIFTLUX G1 6' 56W 840 D	56	50	34	1450	Yes (DALI)	7300	7300	-	130	1803x65x66	2,0
93119508	SWIFTLUX G1 6' 72W 840 D	72	66	35	1900	Yes (DALI)	9750	9750	-	135	1803x65x66	2,3
EMERGENCY RANGE												
93119489	SWIFTLUX G1 4' 25W 840 S EM	25	20	36	555	No (Static)	3100	3100	300	124	1203x65x66	1,5
93119495	SWIFTLUX G1 4' 40W 840 S EM	40	32,5	36	890	No (Static)	5000	5000	300	125	1203x65x66	1,9
93119490	SWIFTLUX G1 5' 39W 840 S EM	39	30,5	36	835	No (Static)	4750	4750	140	122	1503x65x66	1,7
93119496	SWIFTLUX G1 5' 60W 840 S EM	60	52	65	790	No (Static)	7800	7800	300	130	1503x65x66	2,0
93119491	SWIFTLUX G1 6' 56W 840 S EM	56	48	70	685	No (Static)	7600	7600	300	135	1803x65x66	2,3
93119497	SWIFTLUX G1 6' 72W 840 S EM	72	60	67	890	No (Static)	9400	9400	300	130	1803x65x66	2,4
Accessories												
93120717	SWIFTLUX Suspension Kit											
93120718	SWIFTLUX EM Battery											

Energy efficiency class (A-G)*



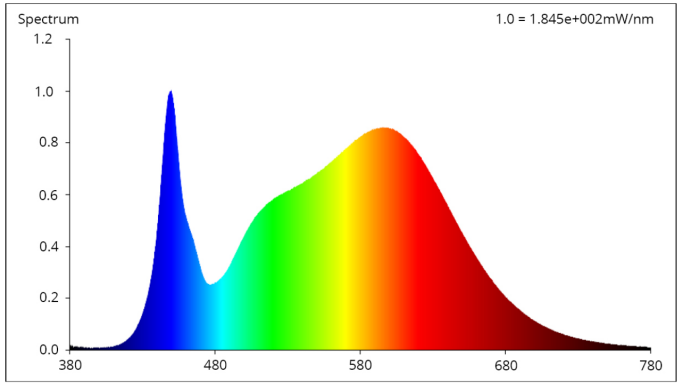
*according to regulation 2019/2015

Photometric distribution



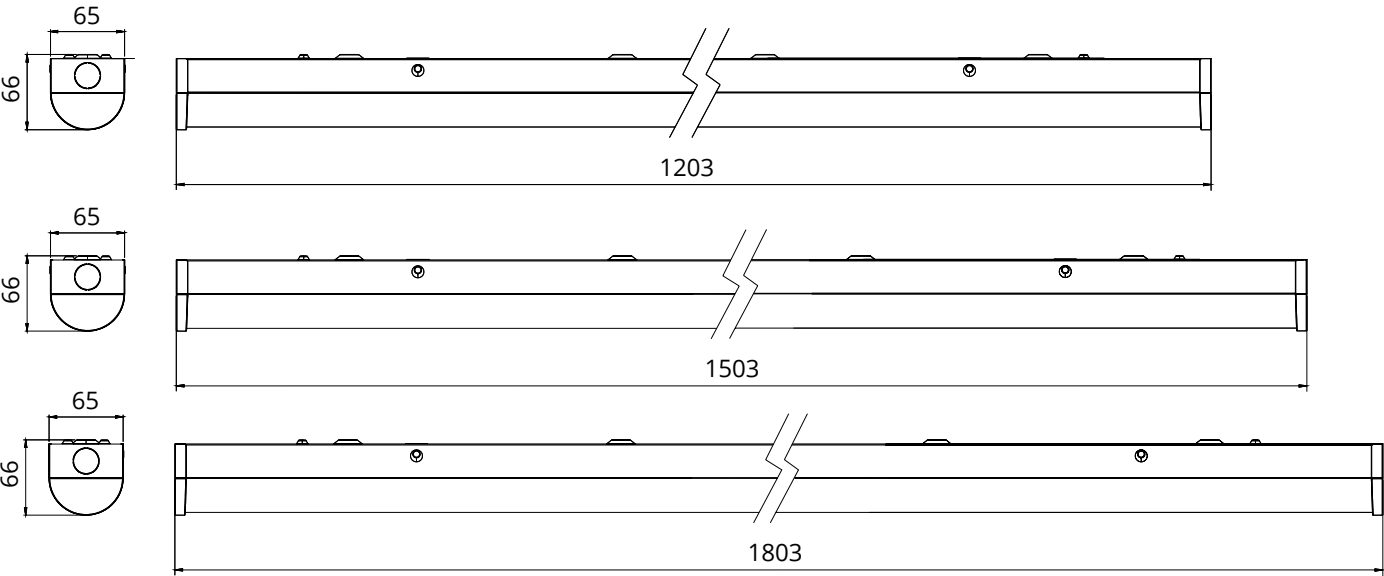
4000K

Spectral power distribution



4000K

Dimensions (mm)



Order logic

Internal Code	Generation	Length	Wattage	CRI	CCT	Controller	Special	Shipment
Swiftlux	G1 - Genertion 1	4' - 4ft 5' - 5ft 6' - 6ft	18W	8 - 80 CRI	40 - 4000K	S - Static SC2 - Static Class II D - Dali	MS - Microwave Sensor EM - Emergency	- DS- Direct Shipment
			21W					
			22W					
			23W					
			24W					
			25W					
			31W					
			34W					
			36W					
			37W					
			38W					
			39W					
			40W					
			41W					
			52W					
			53W					
			55W					
			56W					
			57W					
			60W					
			62W					
			69W					
			72W					

Regulatory and standards

Regulatory mark: CE, UKCA, Morocco

Regulations: 2014/35/EU, 2014/30/EU, 2011/65/EU, (framework 2009/125/EC) EU 2019/2020, (framework EU/2017/1369) EU 2019/2015*

Harmonized standards: EN 60598, EN 62493, EN 61547, EN55015, EN 61000, look for CE Declaration of Conformity and Technical File for details

Photobiological risk assessment is maximum group 1. The product is considered safe, does not pose any photobiological hazard
*not on DOC