

CONTINUUM PLUS 1.2 940 ST OPAL D SSA03 EM B

Item No: 2064646

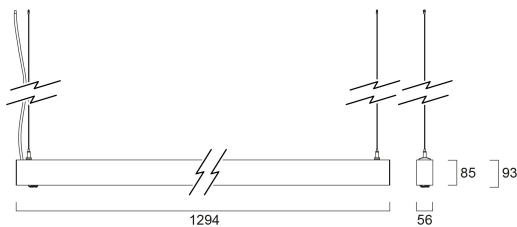
Concord



CONTINUUM PLUS 1.2 940 ST OPAL D SSA03 EM B is a linear luminaire for suspended, surface or ceiling recessed mounting with 3 meter pre-wiring and complete with end caps and suspension cables, direct light distribution, compact and minimalist design, ideal for offices, meeting rooms, corridors, education facilities, museums and libraries, black (RAL9005) finishing, extruded aluminium body, 1294x56x93mm dimensions, opal diffuser, 4000K (neutral white) colour temperature, total system power: 25W, total fixture output: 2900lm, luminaire efficacy: 116lm/W, colour rendering: Ra >90, LED Chromacity: 3 step MacAdam ellipse, lifespan: 89,000 hours L80B50, operating voltage: 220-240V / 50-60Hz, drive current: 500mA, electronic driver, SylSmart® Connected enabled, 3-hours LiFePO4 integrated DALI Self Test emergency, Class I electrical protection, IP20, IK03, suitable for internal environment only.

Technical Assets

Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam diameter [ft]	Illuminance [lx]
0.5	1.23 1.31	0.91 0.97	3.0 3.2	4432 3911
1.0	2.45 2.62	1.82 1.94	6.0 6.4	1105 978
1.5	3.68 3.92	2.73 2.91	9.0 9.6	492 435
2.0	4.90 5.23	3.64 3.88	12.0 12.8	277 244
2.5	6.13 6.54	4.55 4.85	15.0 15.8	177 157
3.0	7.36 7.85	5.46 5.82	18.0 19.2	133 118

Distance [m] Cone diameter [m] Beam diameter [m] Beam diameter [ft] Illuminance [lx]
 — C0 - C180 (Half beam angle: 105.2°)
 — C90 - C270 (Half beam angle: 101.6°)



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General data

Product name	CONTINUUM PLUS 1.2 940 ST OPAL D SSA03 EM B
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Suspended, Ceiling surface mounting, Ceiling recessed mounting
Built in presence detector	PIR
Fixture rating	Enclosed
General application	Office, Education, Retail
Operating temperature range (°C)	1°C...+25°C
Virtual assistant compatibility	N/A
ETIM Class	EC002892
Warranty	5 years

Optical data

Fixture luminous flux (lm)	2900
Luminaire efficacy (lm/W)	116
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 25
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	255

Electrical data

Emergency mode	Maintained
Emergency type	
Emergency duration (h)	3
Total power consumption (W)	25
Supply current (A)	0.123
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.97
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	10
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	SylSmart Connected (SSA)
Minimum dimming level (%)	1
Drive current (mA)	500
Inrush Current (A)	13.6
Inrush Duration (µs)	304
Energy Efficiency Class (A->G) of contained light source	B
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	30
Max. products per 13A C Breaker	38
Max. products per 16A C Breaker	46
Max. products per 20A C Breaker	58
Max. products per 10A B Breaker	18
Max. products per 13A B Breaker	23
Max. products per 16A B Breaker	28
Max. products per 20A B Breaker	35
Connectable conductor cross section - Min (mm²)	0.75

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Connectable conductor cross section - Max (mm ²)	1.5	Packaging	
Lifetime data		Product EAN number	5025768646463
Lifespan L70 B50	100000	Packaging single length / height (cm)	139.0
Lifespan L80 B50	89000	Packaging single width (cm)	11.7
Physical data		Packaging single depth (cm)	14.7
Housing colour	RAL 9005 - Jet black	DUN14 (inner)	05025768646463
IP rating	IP20	Units per outer package	1
IK rating	IK03	Packaging outer length / height (cm)	139.0
Diffuser finish	Opal	Packaging outer width (cm)	11.7
Diffuser material	PC Polycarbonate	Packaging outer depth (cm)	14.7
Reflector finish	Not Applicable	Safety data	
Nominal Product Length (mm)	1294	Glow Wire Test (°C)	650
Nominal Product Width (mm)	56	Optimal operating condition (°C)	1-25
Nominal Product Height (mm)	93		
Weight (kg)	3.6		