

# CONTINUUM PLUS 1.2 940 ST OPAL DI SSA03 EM B

Item No: 2064662

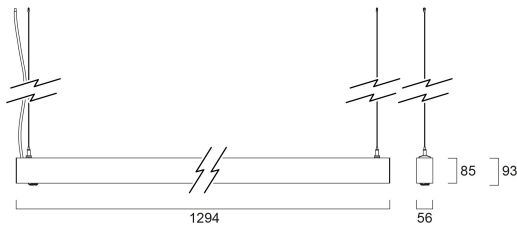
Concord



CONTINUUM PLUS 1.2 940 ST OPAL DI SSA03 EM B is a linear luminaire for suspended mounting with 3 meter pre-wiring and complete with end caps and suspension cables, direct/indirect light distribution (60/40 ratio), 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: 40W, total fixture output: 5100lm, luminaire efficacy: 128lm/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, direct/indirect independently addressable, Class I electrical protection, IP20, IK03, suitable for internal environment only.

## Technical Assets

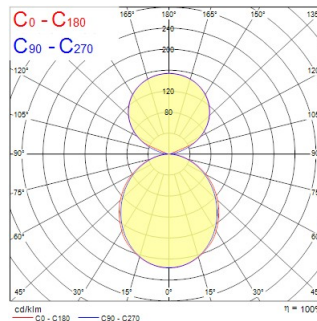
### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam diameter [ft]	Illuminance [lx]
0.5	1.23 1.31	0.75 0.80	2.46 2.62	4413 389
1.0	2.45 2.62	1.50 1.60	4.92 5.24	1103 134
1.5	3.68 3.92	2.25 2.40	7.38 7.86	490 85
2.0	4.90 5.23	3.00 3.20	9.84 10.58	275 51
2.5	6.13 6.54	3.75 4.00	12.90 13.78	177 32
3.0	7.36 7.85	4.50 4.80	15.96 17.16	133 18

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: 101.8°)



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### General data

Product name	CONTINUUM PLUS 1.2 940 ST OPAL DI SSA03 EM B
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Suspended
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)	5100
Luminaire efficacy (lm/W)	128
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)	40
Supply current (A)	0.186
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)	29
Inrush Duration (µs)	180
Energy Efficiency Class (A->G) of contained light source	C, B (more than 1 Light Source)
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	21
Max. products per 13A C Breaker	28
Max. products per 16A C Breaker	36
Max. products per 20A C Breaker	45
Max. products per 10A B Breaker	13
Max. products per 13A B Breaker	17
Max. products per 16A B Breaker	22
Max. products per 20A B Breaker	27
Connectable conductor cross section - Min (mm <sup>2</sup> )	0.75

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Connectable conductor cross section - Max (mm <sup>2</sup> )	1.5	<b>Packaging</b>	
<b>Lifetime data</b>		Product EAN number	5025768646623
Lifespan L70 B50	100000	Packaging single length / height (cm)	139.0
Lifespan L80 B50	89000	Packaging single width (cm)	11.7
<b>Physical data</b>		Packaging single depth (cm)	14.7
Housing colour	RAL 9005 - Jet black	DUN14 (inner)	05025768646623
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	<b>Safety data</b>	
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		