

# CONTINUUM PLUS 1.2 940 CO OPAL D SSA03 EM B

Item No: 2064654

Concord



CONTINUUM PLUS 1.2 940 CO OPAL D SSA03 EM B is a linear luminaire with trimless body for surface, suspended or recessed mounting, various mounting accessories, direct light distribution, compact and minimalist design, ideal for offices, meeting rooms, corridors, education facilities, museums and libraries, black (RAL9005) finishing, extruded aluminium body, 1290x56x93mm 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. The product is delivered without diffuser, end cap, suspension or power supply kit, the accessories eg rolled diffuser (2064605) to be ordered separately.

## Technical Assets

### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Illuminance [lx]
0.5	1.23 1.31	101.8°	1.23 1.31	4432 3611
1.0	2.45 2.62	101.8°	2.45 2.62	1108 1364
1.5	3.68 3.92	101.8°	3.68 3.92	492 588
2.0	4.90 5.23	101.8°	4.90 5.23	277 311
2.5	6.13 6.54	101.8°	6.13 6.54	177 202
3.0	7.36 7.85	101.8°	7.36 7.85	133 148

Distance [m]    Cone diameter [m]    Beam angle [°]    Beam diameter [m]    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 CO 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 <sup>2</sup> )	1.5	<b>Packaging</b>	
<b>Lifetime data</b>		Product EAN number	5025768646548
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)	05025768646548
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)	1290	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		