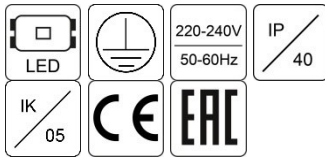


SERPENS S LED

Aluminum Profile Luminaires



Description:

Recessed mounted slim profile LED luminaire for in-line connection without gaps
 Light distribution type: direct
 Optical system: opal polycarbonate diffuser
 Housing: aluminium
 Colour: white (RAL9003)

General data:

Mains voltage: 220-240V, 0/50/60Hz
 LED lifetime, h: 100000/L80B50
 SDCM: 3
 Protection class IEC: I
 Ingress protection code: IP40
 Mechanical impact resistance: IK05
 Glow wire test, °C: 650
 Operating temperature range, °C: ta 0...+35

Installation:

In ceilings with cut-out openings (mounting brackets included), with L/LL option is designed for in-line connection. Push-in terminal, 5x2x2.5mm²

Environment:

Indoor

Application:

Office, education, household, hotel, corridor, retail, public place

Product	Length, mm	Width, mm	Height, mm	Luminaire output*, lm	System power*, W	System efficacy*, lm/W	CRI	CCT*, K	Weight, kg
Serpens S LED1x650 G366 T830 OP LO1 SB	595	55	75	583	6,8	86	80+	3000	1,30
Serpens S LED1x850 G367 T830 OP LO2 SB	595	55	75	794	9,6	83	80+	3000	1,30
Serpens S LED1x1150 G368 T830 OP LO3 SB	595	55	75	1092	13,3	82	80+	3000	1,30
Serpens S LED1x950 G369 T830 OP LO1 SB	875	55	75	874	10,1	86	80+	3000	1,80
Serpens S LED1x1250 G370 T830 OP LO2 SB	875	55	75	1192	13,6	87	80+	3000	1,80
Serpens S LED1x1750 G371 T830 OP LO3 SB	875	55	75	1638	18,9	87	80+	3000	1,80
Serpens S LED1x1250 G372 T830 OP LO1 SB	1155	55	75	1166	12,7	92	80+	3000	2,40
Serpens S LED1x1700 G373 T830 OP LO2 SB	1155	55	75	1589	17,1	93	80+	3000	2,40
Serpens S LED1x2300 G374 T830 OP LO3 SB	1155	55	75	2183	24,7	88	80+	3000	2,40
Serpens S LED1x1550 G375 T830 OP LO1 SB	1435	55	75	1457	15,9	92	80+	3000	2,90
Serpens S LED1x2100 G376 T830 OP LO2 SB	1435	55	75	1985	21,4	93	80+	3000	2,90
Serpens S LED1x2900 G377 T830 OP LO3 SB	1435	55	75	2729	30,8	89	80+	3000	2,90
Serpens S LED1x1850 G378 T830 OP LO1 SB	1715	55	75	1748	18,0	97	80+	3000	3,40
Serpens S LED1x2500 G379 T830 OP LO2 SB	1715	55	75	2383	25,2	94	80+	3000	3,40
Serpens S LED1x3450 G380 T830 OP LO3 SB	1715	55	75	3275	37,0	89	80+	3000	3,40
Serpens S LED1x2150 G381 T830 OP LO1 SB	1995	55	75	2040	21,0	97	80+	3000	4,00
Serpens S LED1x2950 G382 T830 OP LO2 SB	1995	55	75	2780	29,3	95	80+	3000	4,00
Serpens S LED1x4050 G383 T830 OP LO3 SB	1995	55	75	3821	43,2	89	80+	3000	4,00
Serpens S LED1x2450 G581 T830 OP LO1 SB	2275	55	75	2332	23,5	99	80+	3000	4,60
Serpens S LED1x3350 G582 T830 OP LO2 SB	2275	55	75	3177	33,6	95	80+	3000	4,60
Serpens S LED1x4600 G583 T830 OP LO3 SB	2275	55	75	4367	48,7	90	80+	3000	4,60
Serpens S LED1x2750 G584 T830 OP LO1 SB	2555	55	75	2623	26,4	99	80+	3000	5,10
Serpens S LED1x3750 G585 T830 OP LO2 SB	2555	55	75	3574	37,7	95	80+	3000	5,10
Serpens S LED1x5150 G586 T830 OP LO3 SB	2555	55	75	4913	54,8	90	80+	3000	5,10
Serpens S LED1x3250 G587 T830 OP LO1 SB	2975	55	75	3060	30,9	99	80+	3000	6,00
Serpens S LED1x4400 G588 T830 OP LO2 SB	2975	55	75	4170	44,0	95	80+	3000	6,00
Serpens S LED1x6050 G589 T830 OP LO3 SB	2975	55	75	5732	64,0	90	80+	3000	6,00

TECHNICAL DATA SHEET

Product	Length, mm	Width, mm	Height, mm	Luminaire output*, lm	System power*, W	System efficacy*, lm/W	CRI	CCT*, K	Weight, kg
Serpens S LED1x650 G366 T840 OP LO1 SB	595	55	75	610	6,8	90	80+	4000	1,50
Serpens S LED1x850 G367 T840 OP LO2 SB	595	55	75	832	9,6	86	80+	4000	1,50
Serpens S LED1x1150 G368 T840 OP LO3 SB	595	55	75	1143	13,3	86	80+	4000	1,50
Serpens S LED1x950 G369 T840 OP LO1 SB	875	55	75	916	10,1	90	80+	4000	2,00
Serpens S LED1x1250 G370 T840 OP LO2 SB	875	55	75	1247	13,6	91	80+	4000	2,00
Serpens S LED1x1750 G371 T840 OP LO3 SB	875	55	75	1715	18,9	91	80+	4000	2,00
Serpens S LED1x1250 G372 T840 OP LO1 SB	1155	55	75	1220	12,7	96	80+	4000	2,70
Serpens S LED1x1700 G373 T840 OP LO2 SB	1155	55	75	1663	17,1	97	80+	4000	2,70
Serpens S LED1x2300 G374 T840 OP LO3 SB	1155	55	75	2286	24,7	93	80+	4000	2,70
Serpens S LED1x1550 G375 T840 OP LO1 SB	1435	55	75	1526	15,9	96	80+	4000	3,20
Serpens S LED1x2100 G376 T840 OP LO2 SB	1435	55	75	2079	21,4	97	80+	4000	3,20
Serpens S LED1x2900 G377 T840 OP LO3 SB	1435	55	75	2858	30,8	93	80+	4000	3,20
Serpens S LED1x1850 G378 T840 OP LO1 SB	1715	55	75	1831	18,0	102	80+	4000	3,70
Serpens S LED1x2500 G379 T840 OP LO2 SB	1715	55	75	2495	25,2	99	80+	4000	3,70
Serpens S LED1x3450 G380 T840 OP LO3 SB	1715	55	75	3430	37,0	93	80+	4000	3,70
Serpens S LED1x2150 G381 T840 OP LO1 SB	1995	55	75	2136	21,0	102	80+	4000	4,40
Serpens S LED1x2950 G382 T840 OP LO2 SB	1995	55	75	2911	29,3	99	80+	4000	4,40
Serpens S LED1x4050 G383 T840 OP LO3 SB	1995	55	75	4001	43,2	93	80+	4000	4,40
Serpens S LED1x2450 G581 T840 OP LO1 SB	2275	55	75	2441	23,5	104	80+	4000	4,60
Serpens S LED1x3350 G582 T840 OP LO2 SB	2275	55	75	3326	33,6	99	80+	4000	4,60
Serpens S LED1x4600 G583 T840 OP LO3 SB	2275	55	75	4573	48,7	94	80+	4000	4,60
Serpens S LED1x2750 G584 T840 OP LO1 SB	2555	55	75	2746	26,4	104	80+	4000	5,10
Serpens S LED1x3750 G585 T840 OP LO2 SB	2555	55	75	3742	37,7	99	80+	4000	5,10
Serpens S LED1x5150 G586 T840 OP LO3 SB	2555	55	75	5144	54,8	94	80+	4000	5,10
Serpens S LED1x3250 G587 T840 OP LO1 SB	2975	55	75	3204	30,9	104	80+	4000	6,00
Serpens S LED1x4400 G588 T840 OP LO2 SB	2975	55	75	4366	44,0	99	80+	4000	6,00
Serpens S LED1x6050 G589 T840 OP LO3 SB	2975	55	75	6001	64,0	94	80+	4000	6,00

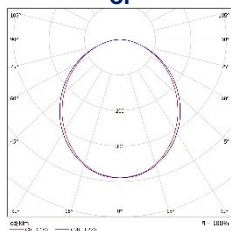
* Tolerance range for optical and electrical data: $\pm 10\%$. Values apply to an ambient temperature of 25°C. NORTHCLIFFE LIGHTING is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

Available options:

- DALI Driver with DALI interface and switch-control dimming
**note - for DALI LIN option wires are 2x0.5mm²*
 EM3 Emergency version 3 hours
 EM3B Emergency version 3 hours (best available technology)
 EM3A Emergency version equipped with an autonomous testing system, 3 hours
 EM3D Emergency version 3 hours with DALI interface
**note - EM options applicable for models longer than 1000mm*
 5TB 5-pole terminal block in the middle of luminaire for easy through wiring
**note - 5TB terminal block included as standard*
 1LIN Through wiring 3x1.5 mm² with two push-in terminal blocks
 3LIN Through wiring 5x1.5 mm² with two push-in terminal blocks
**note - LIN options applicable for models longer than 800mm, for shorter models 5TB option*
 1G Strain relief for power supply cable

- 2G Strain relief for power supply cable, 2pcs
 SB Support brackets for installation into a plasterboard ceiling
**note SB option included*
 L for in-line connection end/first luminaire (lengths: 577/ 857/1137/ 1417/1697/ 1977/ 2257/ 2957mm)
 LL for in-line connection intermediate luminaire (lengths: 561/ 841/ 1121/ 1401/ 1681/ 1961/ 2241/ 2941mm)
**note - for L and LL models joint kit and 1LIN option included (5TB option for lengths up to 800mm)*
 OP LT80 Opal diffuser with high light transmittance
 LO1 Light output level 1
 LO2 Light output level 2
 LO3 Light output level 3
 RAL RAL colour
 T830 Colour temperature 3000K, CRI 80+
 T840 Colour temperature 4000K, CRI 80+

OP



Available accessories:

- Product: Panel removal tool
 Description: A pair of Serpens S / Decor S panel removal tools for neat panel removal during installation