



# Flexible and tunable white

## FlexCove G3

Sustainable and flexible offering with excellent optical performance

### Benefits

- Energy efficient
- Great diversity
- Dimming compatibility

### Features

- System efficacy up to 105lm/W
- 3 lumen options, 4 CCTs
- Tunable white 1000~4000k

### Application

- Hotel
- Retail
- Restaurant

# FlexCove G3

## Versions



LS160S LED4 L5000

LS160S LED4 IP44 L5000

Application Conditions	
Ambient temperature range	-20 to +35 °C
General Information	
Beam angle of light source	120 °
Optical cover/lens type	No
Driver included	No
Light source replaceable	No
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Mechanical and Housing	
Colour	White

## Application Conditions

Order Code	Full Product Name	Maximum dimming level	Suitable for random switching
911401689203	LS160S LED4 824 IP20 L5000	1%	No
911401689303	LS160S LED4 827 IP20 L5000	1%	No
911401689403	LS160S LED4 840 IP20 L5000	1%	No
911401689503	LS160S LED4 857 IP20 L5000	1%	No
911401689603	LS161S LED8 824 IP20 L5000	1%	No
911401689703	LS161S LED8 827 IP20 L5000	1%	No
911401689803	LS161S LED8 840 IP20 L5000	1%	No
911401689903	LS161S LED8 857 IP20 L5000	1%	No
911401690003	LS162S LED12 824 IP20 L5000	1%	No
911401690103	LS162S LED12 827 IP20 L5000	1%	No
911401690203	LS162S LED12 840 IP20 L5000	1%	No
911401690303	LS162S LED12 857 IP20 L5000	1%	No
911401691703	LS160S LED4 927 IP20 L5000	1%	No
911401691803	LS161S LED8 927 IP20 L5000	1%	No
911401691903	LS162S LED12 927 IP20 L5000	1%	No
911401690403	LS160S LED4 824 IP44 L5000	1%	No

Order Code	Full Product Name	Maximum dimming level	Suitable for random switching
911401690503	LS160S LED4 827 IP44 L5000	1%	No
911401690603	LS160S LED4 840 IP44 L5000	1%	No
911401690703	LS160S LED4 857 IP44 L5000	1%	No
911401690803	LS161S LED8 824 IP44 L5000	1%	No
911401690903	LS161S LED8 827 IP44 L5000	1%	No
911401691003	LS161S LED8 840 IP44 L5000	1%	No
911401691103	LS161S LED8 857 IP44 L5000	1%	No
911401691203	LS162S LED12 824 IP44 L5000	1%	No
911401691303	LS162S LED12 827 IP44 L5000	1%	No
911401691403	LS162S LED12 840 IP44 L5000	1%	No
911401691503	LS162S LED12 857 IP44 L5000	1%	No
911401691603	LS161S LED8 TNW IP44 L5000	1%	No
911401692003	LS160S LED4 927 IP44 L5000	1%	No
911401692103	LS161S LED8 927 IP44 L5000	1%	No
911401692203	LS162S LED12 927 IP44 L5000	1%	No
911401759722	LS170S LED8 927 IP20 L5000	Not applicable	-

## Approval and Application

## FlexCove G3

Order Code	Full Product Name	Mech. impact protection code	Ingress protection code
911401689203	LS160S LED4 824 IP20 L5000	IK02	IP20
911401689303	LS160S LED4 827 IP20 L5000	IK02	IP20
911401689403	LS160S LED4 840 IP20 L5000	IK02	IP20
911401689503	LS160S LED4 857 IP20 L5000	IK02	IP20
911401689603	LS161S LED8 824 IP20 L5000	IK02	IP20
911401689703	LS161S LED8 827 IP20 L5000	IK02	IP20
911401689803	LS161S LED8 840 IP20 L5000	IK02	IP20
911401689903	LS161S LED8 857 IP20 L5000	IK02	IP20
911401690003	LS162S LED12 824 IP20 L5000	IK02	IP20
911401690103	LS162S LED12 827 IP20 L5000	IK02	IP20
911401690203	LS162S LED12 840 IP20 L5000	IK02	IP20
911401690303	LS162S LED12 857 IP20 L5000	IK02	IP20
911401691703	LS160S LED4 927 IP20 L5000	IK02	IP20
911401691803	LS161S LED8 927 IP20 L5000	IK02	IP20
911401691903	LS162S LED12 927 IP20 L5000	IK02	IP20
911401690403	LS160S LED4 824 IP44 L5000	IK02	IP44

Order Code	Full Product Name	Mech. impact protection code	Ingress protection code
911401690503	LS160S LED4 827 IP44 L5000	IK02	IP44
911401690603	LS160S LED4 840 IP44 L5000	IK02	IP44
911401690703	LS160S LED4 857 IP44 L5000	IK02	IP44
911401690803	LS161S LED8 824 IP44 L5000	IK02	IP44
911401690903	LS161S LED8 827 IP44 L5000	IK02	IP44
911401691003	LS161S LED8 840 IP44 L5000	IK02	IP44
911401691103	LS161S LED8 857 IP44 L5000	IK02	IP44
911401691203	LS162S LED12 824 IP44 L5000	IK02	IP44
911401691303	LS162S LED12 827 IP44 L5000	IK02	IP44
911401691403	LS162S LED12 840 IP44 L5000	IK02	IP44
911401691503	LS162S LED12 857 IP44 L5000	IK02	IP44
911401691603	LS161S LED8 TNW IP44 L5000	IK02	IP44
911401692003	LS160S LED4 927 IP44 L5000	IK02	IP44
911401692103	LS161S LED8 927 IP44 L5000	IK02	IP44
911401692203	LS162S LED12 927 IP44 L5000	IK02	IP44
911401759722	LS170S LED8 927 IP20 L5000	IK00	IP20

### Controls and Dimming

Order Code	Full Product Name	Dimmable
911401689203	LS160S LED4 824 IP20 L5000	Yes
911401689303	LS160S LED4 827 IP20 L5000	Yes
911401689403	LS160S LED4 840 IP20 L5000	Yes
911401689503	LS160S LED4 857 IP20 L5000	Yes
911401689603	LS161S LED8 824 IP20 L5000	Yes
911401689703	LS161S LED8 827 IP20 L5000	Yes
911401689803	LS161S LED8 840 IP20 L5000	Yes
911401689903	LS161S LED8 857 IP20 L5000	Yes
911401690003	LS162S LED12 824 IP20 L5000	Yes
911401690103	LS162S LED12 827 IP20 L5000	Yes
911401690203	LS162S LED12 840 IP20 L5000	Yes
911401690303	LS162S LED12 857 IP20 L5000	Yes
911401691703	LS160S LED4 927 IP20 L5000	Yes
911401691803	LS161S LED8 927 IP20 L5000	Yes
911401691903	LS162S LED12 927 IP20 L5000	Yes
911401690403	LS160S LED4 824 IP44 L5000	Yes

Order Code	Full Product Name	Dimmable
911401690503	LS160S LED4 827 IP44 L5000	Yes
911401690603	LS160S LED4 840 IP44 L5000	Yes
911401690703	LS160S LED4 857 IP44 L5000	Yes
911401690803	LS161S LED8 824 IP44 L5000	Yes
911401690903	LS161S LED8 827 IP44 L5000	Yes
911401691003	LS161S LED8 840 IP44 L5000	Yes
911401691103	LS161S LED8 857 IP44 L5000	Yes
911401691203	LS162S LED12 824 IP44 L5000	Yes
911401691303	LS162S LED12 827 IP44 L5000	Yes
911401691403	LS162S LED12 840 IP44 L5000	Yes
911401691503	LS162S LED12 857 IP44 L5000	Yes
911401691603	LS161S LED8 TNW IP44 L5000	Yes
911401692003	LS160S LED4 927 IP44 L5000	Yes
911401692103	LS161S LED8 927 IP44 L5000	Yes
911401692203	LS162S LED12 927 IP44 L5000	Yes
911401759722	LS170S LED8 927 IP20 L5000	No

### Operating and Electrical

Order Code	Full Product Name	Input Voltage
911401689203	LS160S LED4 824 IP20 L5000	24 V
911401689303	LS160S LED4 827 IP20 L5000	24 V
911401689403	LS160S LED4 840 IP20 L5000	24 V
911401689503	LS160S LED4 857 IP20 L5000	24 V
911401689603	LS161S LED8 824 IP20 L5000	24 V
911401689703	LS161S LED8 827 IP20 L5000	24 V
911401689803	LS161S LED8 840 IP20 L5000	24 V
911401689903	LS161S LED8 857 IP20 L5000	24 V
911401690003	LS162S LED12 824 IP20 L5000	24 V
911401690103	LS162S LED12 827 IP20 L5000	24 V

Order Code	Full Product Name	Input Voltage
911401690203	LS162S LED12 840 IP20 L5000	24 V
911401690303	LS162S LED12 857 IP20 L5000	24 V
911401691703	LS160S LED4 927 IP20 L5000	24 V
911401691803	LS161S LED8 927 IP20 L5000	24 V
911401691903	LS162S LED12 927 IP20 L5000	24 V
911401690403	LS160S LED4 824 IP44 L5000	24 V
911401690503	LS160S LED4 827 IP44 L5000	24 V
911401690603	LS160S LED4 840 IP44 L5000	24 V
911401690703	LS160S LED4 857 IP44 L5000	24 V
911401690803	LS161S LED8 824 IP44 L5000	24 V

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Order Code	Full Product Name	Input Voltage	Order Code	Full Product Name	Input Voltage
911401690903	LS161S LED8 827 IP44 L5000	24 V	911401691503	LS162S LED12 857 IP44 L5000	24 V
911401691003	LS161S LED8 840 IP44 L5000	24 V	911401691603	LS161S LED8 TNW IP44 L5000	24 V
911401691103	LS161S LED8 857 IP44 L5000	24 V	911401692003	LS160S LED4 927 IP44 L5000	24 V
911401691203	LS162S LED12 824 IP44 L5000	24 V	911401692103	LS161S LED8 927 IP44 L5000	24 V
911401691303	LS162S LED12 827 IP44 L5000	24 V	911401692203	LS162S LED12 927 IP44 L5000	24 V
911401691403	LS162S LED12 840 IP44 L5000	24 V	911401759722	LS170S LED8 927 IP20 L5000	24 DC V

### General Information

Order Code	Full Product Name	CE mark	Protection class IEC	ENEC mark	Flammability mark	Glow-wire test	Number of gear units	Optic type
911401689203	LS160S LED4 824 IP20 L5000	CE mark	-	-	F	650/5	1 unit	-
911401689303	LS160S LED4 827 IP20 L5000	CE mark	-	-	F	650/5	1 unit	-
911401689403	LS160S LED4 840 IP20 L5000	CE mark	-	-	F	650/5	1 unit	-
911401689503	LS160S LED4 857 IP20 L5000	CE mark	-	-	F	650/5	1 unit	-
911401689603	LS161S LED8 824 IP20 L5000	CE mark	-	-	F	650/5	1 unit	-
911401689703	LS161S LED8 827 IP20 L5000	CE mark	-	-	F	650/5	1 unit	-
911401689803	LS161S LED8 840 IP20 L5000	CE mark	-	-	F	650/5	1 unit	-
911401689903	LS161S LED8 857 IP20 L5000	CE mark	-	-	F	650/5	1 unit	-
911401690003	LS162S LED12 824 IP20 L5000	CE mark	-	-	F	650/5	1 unit	-
911401690103	LS162S LED12 827 IP20 L5000	CE mark	-	-	F	650/5	1 unit	-
911401690203	LS162S LED12 840 IP20 L5000	CE mark	-	-	F	650/5	1 unit	-
911401690303	LS162S LED12 857 IP20 L5000	CE mark	-	-	F	650/5	1 unit	-
911401691703	LS160S LED4 927 IP20 L5000	CE mark	-	-	F	650/5	1 unit	-
911401691803	LS161S LED8 927 IP20 L5000	CE mark	-	-	F	650/5	1 unit	-
911401691903	LS162S LED12 927 IP20 L5000	CE mark	-	-	F	650/5	1 unit	-
911401690403	LS160S LED4 824 IP44 L5000	CE mark	-	-	F	650/5	1 unit	-
911401690503	LS160S LED4 827 IP44 L5000	CE mark	-	-	F	650/5	1 unit	-
911401690603	LS160S LED4 840 IP44 L5000	CE mark	-	-	F	650/5	1 unit	-
911401690703	LS160S LED4 857 IP44 L5000	CE mark	-	-	F	650/5	1 unit	-
911401690803	LS161S LED8 824 IP44 L5000	CE mark	-	-	F	650/5	1 unit	-
911401690903	LS161S LED8 827 IP44 L5000	CE mark	-	-	F	650/5	1 unit	-
911401691003	LS161S LED8 840 IP44 L5000	CE mark	-	-	F	650/5	1 unit	-
911401691103	LS161S LED8 857 IP44 L5000	CE mark	-	-	F	650/5	1 unit	-
911401691203	LS162S LED12 824 IP44 L5000	CE mark	-	-	F	650/5	1 unit	-
911401691303	LS162S LED12 827 IP44 L5000	CE mark	-	-	F	650/5	1 unit	-
911401691403	LS162S LED12 840 IP44 L5000	CE mark	-	-	F	650/5	1 unit	-
911401691503	LS162S LED12 857 IP44 L5000	CE mark	-	-	F	650/5	1 unit	-
911401691603	LS161S LED8 TNW IP44 L5000	CE mark	-	-	F	650/5	1 unit	-
911401692003	LS160S LED4 927 IP44 L5000	CE mark	-	-	F	650/5	1 unit	-
911401692103	LS161S LED8 927 IP44 L5000	CE mark	-	-	F	650/5	1 unit	-
911401692203	LS162S LED12 927 IP44 L5000	CE mark	-	-	F	650/5	1 unit	-
911401759722	LS170S LED8 927 IP20 L5000	-	Safety class III (III)	-	NO	NO	-	Symmetrical

### Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour		Init. Colour rendering index	Initial LED luminaire		Initial input	
			Temperature			efficacy	Initial luminous flux	power	
911401689203	LS160S LED4 824 IP20 L5000	3	2400 K		>80	80 lm/W	400 lm	4 W	
911401689303	LS160S LED4 827 IP20 L5000	3	2700 K		>80	90 lm/W	400 lm	3.8 W	
911401689403	LS160S LED4 840 IP20 L5000	3	4000 K		>80	100 lm/W	400 lm	3.4 W	
911401689503	LS160S LED4 857 IP20 L5000	4	5700 K		>80	100 lm/W	400 lm	3.4 W	

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Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Init. Colour rendering index	Initial LED luminaire efficacy	Initial luminous flux	Initial input power
911401689603	LS161S LED8 824 IP20 L5000	3	2400 K	>80	80 lm/W	800 lm	8.4 W
911401689703	LS161S LED8 827 IP20 L5000	3	2700 K	>80	90 lm/W	800 lm	8.3 W
911401689803	LS161S LED8 840 IP20 L5000	3	4000 K	>80	100 lm/W	800 lm	7.2 W
911401689903	LS161S LED8 857 IP20 L5000	4	5700 K	>80	100 lm/W	800 lm	7.2 W
911401690003	LS162S LED12 824 IP20 L5000	3	2400 K	>80	80 lm/W	1200 lm	13.2 W
911401690103	LS162S LED12 827 IP20 L5000	3	2700 K	>80	90 lm/W	1200 lm	12.8 W
911401690203	LS162S LED12 840 IP20 L5000	3	4000 K	>80	100 lm/W	1200 lm	11.6 W
911401690303	LS162S LED12 857 IP20 L5000	4	5700 K	>80	100 lm/W	1200 lm	11.6 W
911401691703	LS160S LED4 927 IP20 L5000	3	2700 K	≥90	75 lm/W	400 lm	4.6 W
911401691803	LS161S LED8 927 IP20 L5000	3	2700 K	≥90	75 lm/W	800 lm	9.7 W
911401691903	LS162S LED12 927 IP20 L5000	3	2700 K	≥90	75 lm/W	1200 lm	14.4 W
911401690403	LS160S LED4 824 IP44 L5000	3	2400 K	>80	75 lm/W	400 lm	4 W
911401690503	LS160S LED4 827 IP44 L5000	3	2700 K	>80	85 lm/W	400 lm	3.8 W
911401690603	LS160S LED4 840 IP44 L5000	3	4000 K	>80	95 lm/W	400 lm	3.4 W
911401690703	LS160S LED4 857 IP44 L5000	4	5700 K	>80	95 lm/W	400 lm	3.4 W
911401690803	LS161S LED8 824 IP44 L5000	3	2400 K	>80	75 lm/W	800 lm	8.4 W
911401690903	LS161S LED8 827 IP44 L5000	3	2700 K	>80	85 lm/W	800 lm	8.3 W
911401691003	LS161S LED8 840 IP44 L5000	3	4000 K	>80	95 lm/W	800 lm	7.2 W
911401691103	LS161S LED8 857 IP44 L5000	4	5700 K	>80	95 lm/W	800 lm	7.2 W
911401691203	LS162S LED12 824 IP44 L5000	3	2400 K	>80	75 lm/W	1200 lm	13.2 W
911401691303	LS162S LED12 827 IP44 L5000	3	2700 K	>80	85 lm/W	1200 lm	12.8 W
911401691403	LS162S LED12 840 IP44 L5000	3	4000 K	>80	95 lm/W	1200 lm	11.6 W
911401691503	LS162S LED12 857 IP44 L5000	4	5700 K	>80	95 lm/W	1200 lm	11.6 W
911401691603	LS161S LED8 TNW IP44 L5000	-	- K	-	0 lm/W	800 lm	11.5 W
911401692003	LS160S LED4 927 IP44 L5000	3	2700 K	≥90	75 lm/W	400 lm	4.6 W
911401692103	LS161S LED8 927 IP44 L5000	3	2700 K	≥90	75 lm/W	800 lm	9.7 W
911401692203	LS162S LED12 927 IP44 L5000	3	2700 K	≥90	75 lm/W	1200 lm	14.4 W
911401759722	LS170S LED8 927 IP20 L5000	0.463;0.42; SDCM	2700 K	90	80 lm/W	800 lm	41 W

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