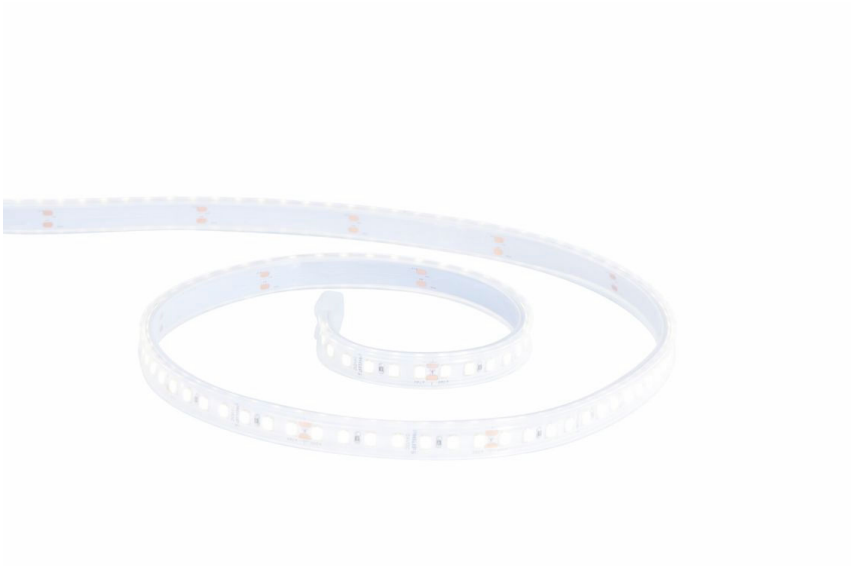
PHILIPS

Flex Cove G5

LS170



FlexCove G5: create beautiful coving with flexible, tunable and energy-efficient LED strip lighting

Philips FlexCove G5 is the latest generation of our popular LED cove lighting. This comprehensive new family of flexible strip lights are designed to follow straight lines or curves to create beautiful ambiances that highlight architectural details in tunable white or colored light. These customizable cove lighting strips also promise excellent energy-saving performance, superb lighting uniformity, and color consistency. All with a long lifetime that promises less lumen decay or color shifts. So with FlexCove G5, you can flex your accent lighting to suit the requirements of any project - beautifully.

Benefits

- Energy-efficient LED cove lighting
- Flexible design for straight lines or curves
- Excellent lighting uniformity with color consistency
- A long lifetime of quality and reliability

Applications

- Hospitality
- Offices
- Retail

Features

- Up to 140lm/W for energy-efficient performance
- 400lm – 2000lm options available, both with a choice of CRI 80 or CRI 90
- Standard Deviation Color Matching (SDCM) 3
- 30,000 hours lifetime @L70 B50
- Tunable white and RGB+W versions available

Versions



Flex Cove G5



Flex Cove G5



Flex Cove G5



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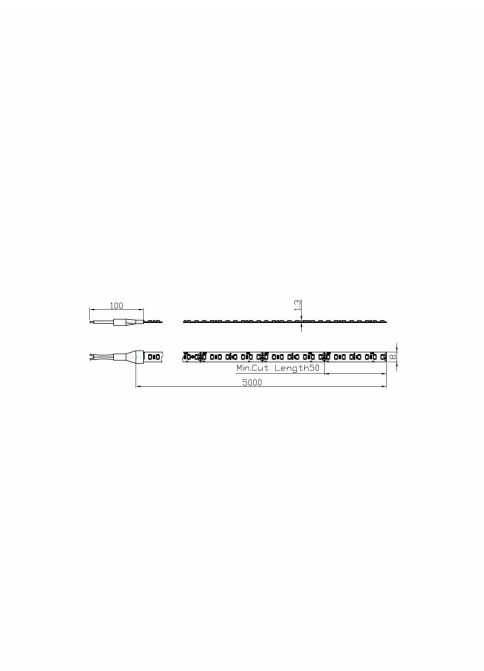
Flex Cove G5

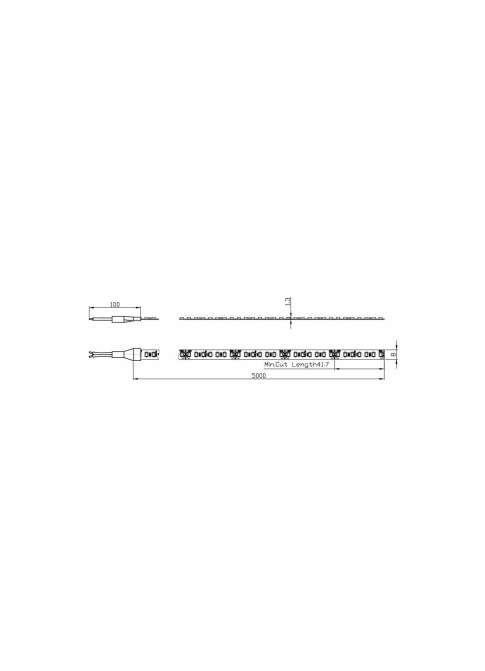


Flex Cove G5

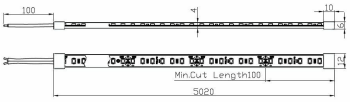
Dimensional drawing



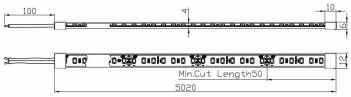
LS170S LED20 930 IP20 L5000 HE PRO L



LS170S LED20 930 IP20 L5000 PRO

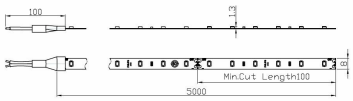


LS170S LED8 830 IP44 L5000 PRO

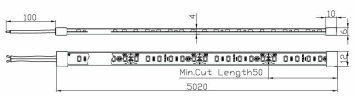


LS170S LED12 830 IP44 L5000 PRO

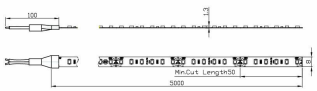
LS170S LED8 RGBW IP44 L5000 PRO



LS170S LED8 827 IP20 L5000 G2



LS170S LED16 827 IP44 L5000 G2

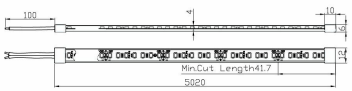


LS170S LED12 865 IP20 L5000 G2

LS170S LED10 TNW IP44 L5000 PRO



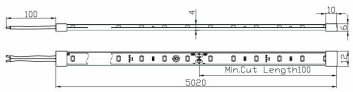
LS170S LED8 830 IP20 L5000 PRO



LS170S LED20 927 IP44 L5000 PRO



LS170S LED12 840 IP20 L5000 PRO



LS170S LED4 827 IP44 L5000 G2

General Information

Driver included	No

Operating and Electrical

Input Voltage	24 DC V
Line Frequency	- Hz
Protection class IEC	Safety class III

Controls and Dimming

Dimmable	Yes - Check ballast compatibility

Mechanical and Housing

Housing Color	-
Mech. impact protection code	IK03 [0.3 J]
Optical cover type	Without lens

Approval and Application

CE mark	No
Ambient temperature range	-20 to +45 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +10%

Light Technical

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Color rendering index (CRI)
911401553642	LS170S LED4 827 IP44 L5000 G2	400 lm	2700 K	102 lm/W	>80
911401553742	LS170S LED4 840 IP44 L5000 G2	425 lm	4000 K	109 lm/W	>80
911401554042	LS170S LED8 827 IP44 L5000 G2	745 lm	2700 K	98 lm/W	>80
911401554142	LS170S LED8 840 IP44 L5000 G2	800 lm	4000 K	105 lm/W	>80
911401556442	LS170S LED8 827 IP44 L5000 PRO	770 lm	2700 K	113 lm/W	>80
911401556542	LS170S LED8 830 IP44 L5000 PRO	795 lm	3000 K	117 lm/W	>80
911401556642	LS170S LED8 840 IP44 L5000 PRO	830 lm	4000 K	121 lm/W	>80
911401521642	LS170S LED20 930 IP20 L5000 HE PRO L	2,000 lm	3000 K	140 lm/W	>90
911401521742	LS170S LED20 940 IP20 L5000 HE PRO L	2,050 lm	4000 K	142 lm/W	>90
911401528642	LS170S LED12 865 IP20 L5000 G2	1,250 lm	6500 K	108 lm/W	>80
911401528742	LS170S LED12 930 IP20 L5000 G2	1,020 lm	3000 K	88 lm/W	>90
911401528842	LS170S LED12 940 IP20 L5000 G2	1,060 lm	4000 K	92 lm/W	>90
911401554242	LS170S LED8 S 827 IP20 L5000 G2	815 lm	2700 K	105 lm/W	>80
911401554342	LS170S LED8 S 840 IP20 L5000 G2	875 lm	4000 K	112 lm/W	>80
911401554442	LS170S LED8 S 927 IP20 L5000 G2	695 lm	2700 K	89 lm/W	>90
911401554842	LS170S LED12 827 IP20 L5000 G2	1,165 lm	2700 K	101 lm/W	>80
911401554942	LS170S LED12 840 IP20 L5000 G2	1,250 lm	4000 K	108 lm/W	>80

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Color rendering index (CRI)
911401555142	LS170S LED12 927 IP20 L5000 G2	990 lm	2700 K	86 lm/W	>90
911401555742	LS170S LED16 827 IP20 L5000 G2	1,550 lm	2700 K	100 lm/W	>80
911401555842	LS170S LED16 840 IP20 L5000 G2	1,665 lm	4000 K	107 lm/W	>80
911401556742	LS170S LED8 S 827 IP20 L5000 PRO	850 lm	2700 K	125 lm/W	>80
911401556842	LS170S LED8 S 830 IP20 L5000 PRO	880 lm	3000 K	130 lm/W	>80
911401556942	LS170S LED8 S 840 IP20 L5000 PRO	915 lm	4000 K	135 lm/W	>80
911401557042	LS170S LED8 S 927 IP20 L5000 PRO	725 lm	2700 K	106 lm/W	>90
911401557142	LS170S LED8 S 930 IP20 L5000 PRO	745 lm	3000 K	109 lm/W	>90
911401557742	LS170S LED12 827 IP20 L5000 PRO	1,210 lm	2700 K	121 lm/W	>80
911401557842	LS170S LED12 830 IP20 L5000 PRO	1,250 lm	3000 K	125 lm/W	>80
911401557942	LS170S LED12 840 IP20 L5000 PRO	1,300 lm	4000 K	130 lm/W	>80
911401558042	LS170S LED12 927 IP20 L5000 PRO	1,030 lm	2700 K	103 lm/W	>90
911401558142	LS170S LED12 930 IP20 L5000 PRO	1,060 lm	3000 K	106 lm/W	>90
911401558742	LS170S LED16 827 IP20 L5000 PRO	1,600 lm	2700 K	117 lm/W	>80
911401558842	LS170S LED16 830 IP20 L5000 PRO	1,650 lm	3000 K	125 lm/W	>80
911401558942	LS170S LED16 840 IP20 L5000 PRO	1,715 lm	4000 K	126 lm/W	>80
911401559042	LS170S LED16 927 IP20 L5000 PRO	1,360 lm	2700 K	100 lm/W	>90
911401559142	LS170S LED16 930 IP20 L5000 PRO	1,400 lm	3000 K	103 lm/W	>90
911401559742	LS170S LED20 927 IP20 L5000 PRO	1,700 lm	2700 K	103 lm/W	>90
911401559842	LS170S LED20 930 IP20 L5000 PRO	1,750 lm	3000 K	106 lm/W	>90
911401560542	LS170S LED8 RGBW IP44 L5000 PRO	820 lm	-	65 lm/W	-
911401554542	LS170S LED8 S 827 IP44 L5000 G2	790 lm	2700 K	101 lm/W	>80
911401554642	LS170S LED8 S 840 IP44 L5000 G2	850 lm	4000 K	108 lm/W	>80
911401554742	LS170S LED8 S 927 IP44 L5000 G2	670 lm	2700 K	85 lm/W	>90
911401555442	LS170S LED12 827 IP44 L5000 G2	1,125 lm	2700 K	98 lm/W	>80
911401555542	LS170S LED12 840 IP44 L5000 G2	1,205 lm	4000 K	105 lm/W	>80
911401555642	LS170S LED12 927 IP44 L5000 G2	955 lm	2700 K	83 lm/W	>90
911401555942	LS170S LED16 827 IP44 L5000 G2	1,500 lm	2700 K	97 lm/W	>80
911401556042	LS170S LED16 840 IP44 L5000 G2	1,610 lm	4000 K	104 lm/W	>80
911401557242	LS170S LED8 S 827 IP44 L5000 PRO	825 lm	2700 K	121 lm/W	>80
911401557342	LS170S LED8 S 830 IP44 L5000 PRO	850 lm	3000 K	125 lm/W	>80
911401557442	LS170S LED8 S 840 IP44 L5000 PRO	885 lm	4000 K	130 lm/W	>80
911401557542	LS170S LED8 S 927 IP44 L5000 PRO	700 lm	2700 K	103 lm/W	>90
911401557642	LS170S LED8 S 930 IP44 L5000 PRO	720 lm	3000 K	106 lm/W	>90
911401558242	LS170S LED12 827 IP44 L5000 PRO	1,175 lm	2700 K	117 lm/W	>80
911401558342	LS170S LED12 830 IP44 L5000 PRO	1,210 lm	3000 K	121 lm/W	>80
911401558442	LS170S LED12 840 IP44 L5000 PRO	1,260 lm	4000 K	126 lm/W	>80
911401558542	LS170S LED12 927 IP44 L5000 PRO	1,000 lm	2700 K	100 lm/W	>90
911401558642	LS170S LED12 930 IP44 L5000 PRO	1,030 lm	3000 K	103 lm/W	>90
911401559242	LS170S LED16 827 IP44 L5000 PRO	1,550 lm	2700 K	114 lm/W	>80
911401559342	LS170S LED16 830 IP44 L5000 PRO	1,600 lm	3000 K	117 lm/W	>80
911401559442	LS170S LED16 840 IP44 L5000 PRO	1,665 lm	4000 K	122 lm/W	>80

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Color rendering index (CRI)
911401559542	LS170S LED16 927 IP44 L5000 PRO	1,360 lm	2700 K	100 lm/W	>90
911401559642	LS170S LED16 930 IP44 L5000 PRO	1,360 lm	3000 K	100 lm/W	>90
911401559942	LS170S LED20 927 IP44 L5000 PRO	1,650 lm	2700 K	100 lm/W	>90
911401560042	LS170S LED20 930 IP44 L5000 PRO	1,690 lm	3000 K	102 lm/W	>90
911401560342	LS170S LED9 TNW IP44 L5000 PRO	950 lm	-	105 lm/W	-
911401560442	LS170S LED10 TNW IP44 L5000 PRO	1,000 lm	-	110 lm/W	-
911401553442	LS170S LED4 827 IP20 L5000 G2	405 lm	2700 K	105 lm/W	>80
911401553542	LS170S LED4 840 IP20 L5000 G2	435 lm	4000 K	112 lm/W	>80
911401553842	LS170S LED8 827 IP20 L5000 G2	775 lm	2700 K	102 lm/W	>80
911401553942	LS170S LED8 840 IP20 L5000 G2	830 lm	4000 K	109 lm/W	>80
911401556142	LS170S LED8 827 IP20 L5000 PRO	795 lm	2700 K	117 lm/W	>80
911401556242	LS170S LED8 830 IP20 L5000 PRO	820 lm	3000 K	125 lm/W	>80
911401556342	LS170S LED8 840 IP20 L5000 PRO	850 lm	4000 K	128 lm/W	>80

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401553642	LS170S LED4 827 IP44 L5000 G2	18.5 W
911401553742	LS170S LED4 840 IP44 L5000 G2	18.5 W
911401554042	LS170S LED8 827 IP44 L5000 G2	34 W
911401554142	LS170S LED8 840 IP44 L5000 G2	34 W
911401556442	LS170S LED8 827 IP44 L5000 PRO	29.5 W
911401556542	LS170S LED8 830 IP44 L5000 PRO	29.5 W
911401556642	LS170S LED8 840 IP44 L5000 PRO	29.5 W
911401521642	LS170S LED20 930 IP20 L5000 HE PRO L	60 W
911401521742	LS170S LED20 940 IP20 L5000 HE PRO L	60 W
911401528642	LS170S LED12 865 IP20 L5000 G2	49 W
911401528742	LS170S LED12 930 IP20 L5000 G2	49 W
911401528842	LS170S LED12 940 IP20 L5000 G2	49 W
911401554242	LS170S LED8 S 827 IP20 L5000 G2	35 W
911401554342	LS170S LED8 S 840 IP20 L5000 G2	35 W
911401554442	LS170S LED8 S 927 IP20 L5000 G2	35 W
911401554842	LS170S LED12 827 IP20 L5000 G2	49 W
911401554942	LS170S LED12 840 IP20 L5000 G2	49 W
911401555142	LS170S LED12 927 IP20 L5000 G2	49 W
911401555742	LS170S LED16 827 IP20 L5000 G2	63 W
911401555842	LS170S LED16 840 IP20 L5000 G2	63 W
911401556742	LS170S LED8 S 827 IP20 L5000 PRO	30 W
911401556842	LS170S LED8 S 830 IP20 L5000 PRO	30 W
911401556942	LS170S LED8 S 840 IP20 L5000 PRO	30 W
911401557042	LS170S LED8 S 927 IP20 L5000 PRO	30 W
911401557142	LS170S LED8 S 930 IP20 L5000 PRO	30 W

Order Code	Full Product Name	Power Consumption
911401557742	LS170S LED12 827 IP20 L5000 PRO	41 W
911401557842	LS170S LED12 830 IP20 L5000 PRO	41 W
911401557942	LS170S LED12 840 IP20 L5000 PRO	41 W
911401558042	LS170S LED12 927 IP20 L5000 PRO	41 W
911401558142	LS170S LED12 930 IP20 L5000 PRO	41 W
911401558742	LS170S LED16 827 IP20 L5000 PRO	52 W
911401558842	LS170S LED16 830 IP20 L5000 PRO	52 W
911401558942	LS170S LED16 840 IP20 L5000 PRO	52 W
911401559042	LS170S LED16 927 IP20 L5000 PRO	52 W
911401559142	LS170S LED16 930 IP20 L5000 PRO	52 W
911401559742	LS170S LED20 927 IP20 L5000 PRO	65 W
911401559842	LS170S LED20 930 IP20 L5000 PRO	65 W
911401560542	LS170S LED8 RGBW IP44 L5000 PRO	48 W
911401554542	LS170S LED8 S 827 IP44 L5000 G2	35 W
911401554642	LS170S LED8 S 840 IP44 L5000 G2	35 W
911401554742	LS170S LED8 S 927 IP44 L5000 G2	35 W
911401555442	LS170S LED12 827 IP44 L5000 G2	49 W
911401555542	LS170S LED12 840 IP44 L5000 G2	49 W
911401555642	LS170S LED12 927 IP44 L5000 G2	49 W
911401555942	LS170S LED16 827 IP44 L5000 G2	63 W
911401556042	LS170S LED16 840 IP44 L5000 G2	63 W
911401557242	LS170S LED8 S 827 IP44 L5000 PRO	30 W
911401557342	LS170S LED8 S 830 IP44 L5000 PRO	30 W
911401557442	LS170S LED8 S 840 IP44 L5000 PRO	30 W
911401557542	LS170S LED8 S 927 IP44 L5000 PRO	30 W
911401557642	LS170S LED8 S 930 IP44 L5000 PRO	30 W
911401558242	LS170S LED12 827 IP44 L5000 PRO	41 W
911401558342	LS170S LED12 830 IP44 L5000 PRO	41 W
911401558442	LS170S LED12 840 IP44 L5000 PRO	41 W
911401558542	LS170S LED12 927 IP44 L5000 PRO	41 W
911401558642	LS170S LED12 930 IP44 L5000 PRO	41 W
911401559242	LS170S LED16 827 IP44 L5000 PRO	52 W
911401559342	LS170S LED16 830 IP44 L5000 PRO	52 W
911401559442	LS170S LED16 840 IP44 L5000 PRO	52 W
911401559542	LS170S LED16 927 IP44 L5000 PRO	52 W
911401559642	LS170S LED16 930 IP44 L5000 PRO	52 W
911401559942	LS170S LED20 927 IP44 L5000 PRO	65 W
911401560042	LS170S LED20 930 IP44 L5000 PRO	65 W
911401560342	LS170S LED9 TNW IP44 L5000 PRO	40.5 W
911401560442	LS170S LED10 TNW IP44 L5000 PRO	40.5 W
911401553442	LS170S LED4 827 IP20 L5000 G2	18.5 W
911401553542	LS170S LED4 840 IP20 L5000 G2	18.5 W

Order Code	Full Product Name	Power Consumption
911401553842	LS170S LED8 827 IP20 L5000 G2	34 W
911401553942	LS170S LED8 840 IP20 L5000 G2	34 W
911401556142	LS170S LED8 827 IP20 L5000 PRO	29.5 W
911401556242	LS170S LED8 830 IP20 L5000 PRO	29.5 W
911401556342	LS170S LED8 840 IP20 L5000 PRO	29.5 W

Mechanical and Housing

Order Code	Full Product Name	Ingress protection code
911401553642	LS170S LED4 827 IP44 L5000 G2	IP44
911401553742	LS170S LED4 840 IP44 L5000 G2	IP44
911401554042	LS170S LED8 827 IP44 L5000 G2	IP44
911401554142	LS170S LED8 840 IP44 L5000 G2	IP44
911401556442	LS170S LED8 827 IP44 L5000 PRO	IP44
911401556542	LS170S LED8 830 IP44 L5000 PRO	IP44
911401556642	LS170S LED8 840 IP44 L5000 PRO	IP44
911401521642	LS170S LED20 930 IP20 L5000 HE PRO L	IP20
911401521742	LS170S LED20 940 IP20 L5000 HE PRO L	IP20
911401528642	LS170S LED12 865 IP20 L5000 G2	IP20
911401528742	LS170S LED12 930 IP20 L5000 G2	IP20
911401528842	LS170S LED12 940 IP20 L5000 G2	IP20
911401554242	LS170S LED8 S 827 IP20 L5000 G2	IP20
911401554342	LS170S LED8 S 840 IP20 L5000 G2	IP20
911401554442	LS170S LED8 S 927 IP20 L5000 G2	IP20
911401554842	LS170S LED12 827 IP20 L5000 G2	IP20
911401554942	LS170S LED12 840 IP20 L5000 G2	IP20
911401555142	LS170S LED12 927 IP20 L5000 G2	IP20
911401555742	LS170S LED16 827 IP20 L5000 G2	IP20
911401555842	LS170S LED16 840 IP20 L5000 G2	IP20
911401556742	LS170S LED8 S 827 IP20 L5000 PRO	IP20
911401556842	LS170S LED8 S 830 IP20 L5000 PRO	IP20
911401556942	LS170S LED8 S 840 IP20 L5000 PRO	IP20
911401557042	LS170S LED8 S 927 IP20 L5000 PRO	IP20
911401557142	LS170S LED8 S 930 IP20 L5000 PRO	IP20
911401557742	LS170S LED12 827 IP20 L5000 PRO	IP20
911401557842	LS170S LED12 830 IP20 L5000 PRO	IP20
911401557942	LS170S LED12 840 IP20 L5000 PRO	IP20
911401558042	LS170S LED12 927 IP20 L5000 PRO	IP20
911401558142	LS170S LED12 930 IP20 L5000 PRO	IP20
911401558742	LS170S LED16 827 IP20 L5000 PRO	IP20
911401558842	LS170S LED16 830 IP20 L5000 PRO	IP20
911401558942	LS170S LED16 840 IP20 L5000 PRO	IP20

Order Code	Full Product Name	Ingress protection code
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911401559142	LS170S LED16 930 IP20 L5000 PRO	IP20
911401559742	LS170S LED20 927 IP20 L5000 PRO	IP20
911401559842	LS170S LED20 930 IP20 L5000 PRO	IP20
911401560542	LS170S LED8 RGBW IP44 L5000 PRO	IP44
911401554542	LS170S LED8 S 827 IP44 L5000 G2	IP44
911401554642	LS170S LED8 S 840 IP44 L5000 G2	IP44
911401554742	LS170S LED8 S 927 IP44 L5000 G2	IP44
911401555442	LS170S LED12 827 IP44 L5000 G2	IP44
911401555542	LS170S LED12 840 IP44 L5000 G2	IP44
911401555642	LS170S LED12 927 IP44 L5000 G2	IP44
911401555942	LS170S LED16 827 IP44 L5000 G2	IP44
911401556042	LS170S LED16 840 IP44 L5000 G2	IP44
911401557242	LS170S LED8 S 827 IP44 L5000 PRO	IP44
911401557342	LS170S LED8 S 830 IP44 L5000 PRO	IP44
911401557442	LS170S LED8 S 840 IP44 L5000 PRO	IP44
911401557542	LS170S LED8 S 927 IP44 L5000 PRO	IP44
911401557642	LS170S LED8 S 930 IP44 L5000 PRO	IP44
911401558242	LS170S LED12 827 IP44 L5000 PRO	IP44
911401558342	LS170S LED12 830 IP44 L5000 PRO	IP44
911401558442	LS170S LED12 840 IP44 L5000 PRO	IP44
911401558542	LS170S LED12 927 IP44 L5000 PRO	IP44
911401558642	LS170S LED12 930 IP44 L5000 PRO	IP44
911401559242	LS170S LED16 827 IP44 L5000 PRO	IP44
911401559342	LS170S LED16 830 IP44 L5000 PRO	IP44
911401559442	LS170S LED16 840 IP44 L5000 PRO	IP44
911401559542	LS170S LED16 927 IP44 L5000 PRO	IP44
911401559642	LS170S LED16 930 IP44 L5000 PRO	IP44
911401559942	LS170S LED20 927 IP44 L5000 PRO	IP44
911401560042	LS170S LED20 930 IP44 L5000 PRO	IP44
911401560342	LS170S LED9 TNW IP44 L5000 PRO	IP44
911401560442	LS170S LED10 TNW IP44 L5000 PRO	IP44
911401553442	LS170S LED4 827 IP20 L5000 G2	IP20
911401553542	LS170S LED4 840 IP20 L5000 G2	IP20
911401553842	LS170S LED8 827 IP20 L5000 G2	IP20
911401553942	LS170S LED8 840 IP20 L5000 G2	IP20
911401556142	LS170S LED8 827 IP20 L5000 PRO	IP20
911401556242	LS170S LED8 830 IP20 L5000 PRO	IP20
911401556342	LS170S LED8 840 IP20 L5000 PRO	IP20

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