

Light is OSRAM

Slim Profile System

Slim Profile 45°

FX-QMS-G1-T45D19H19-300



Features & Benefits

Bring the light to and from every corner, simply and with a pleasant result.

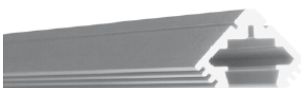
Thanks to the compact dimensions, the Slim Profile 45° is ideal for highlight furniture, shelves and closets with minimal space requirements.

The high quality of the materials used makes it suitable to be installed in applications where it is directly visible and touchable.

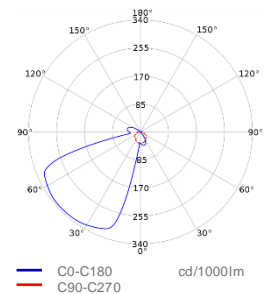
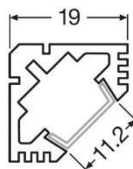
Application

- Architectural Integration
- Shelves, Closets, Showcases, Cabinets Lighting
- Cove lighting

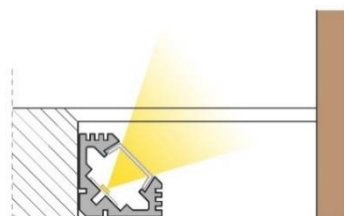
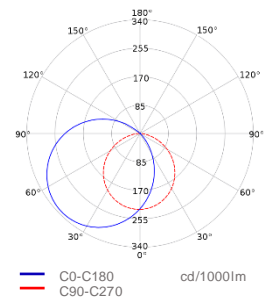
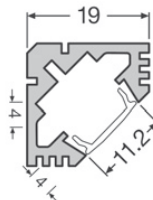
Dimension & Available Covers



Slim Profile 45° FX-QMS-G1-T45D19H19-300
Dimensions: W19 x H19 x L3000 mm



Slim cover frosted FX-QMS-G1-CFDB-300
Or
Slim cover clear FX-QMS-G1-CFTL-300
Dimensions: W11 x H4 x L3000 mm



Installation example



Slim Profile and strip LF1200 with and without frosted cover.

Electrical & Output data

Profile & LED Strip Compatibility									
LED Strip White IP00				LF500	LF800S	LF1200	LF2000	LF3000	LF4000
Color Temperature				Luminous Flux (lm/m) ¹					
●	820	2000 K	White	-	-	650	1072	1625	-
●	822	2200 K	White	286	481	-	-	-	-
●	824	2400 K	White	-	-	780	1300	1950	-
●	825	2500 K	White	312	520	-	-	-	-
●	827	2700 K	White	312	520	780	1300	1950	2437
●	830	3000 K	White	338	520	780	1300	1950	2437
●	835	3500 K	White	338	520	-	-	-	-
○	840	4000 K	White	338	520	780	1300	1950	2502
○	850	5000 K	White	-	-	780	1300	1950	2502
○	865	6500 K	White	338	520	780	1300	1950	2502
●	CRI 90 922	2200 K	White	234	357	-	-	-	-
●	CRI 90 927	2700 K	White	260	403	715	1170	1755	-
●	CRI 90 930	3000 K	White	260	403	780	1300	1950	-
●	CRI 90 935	3500 K	White	286	442	-	-	-	-
○	CRI 90 940	4000 K	White	286	442	780	1300	1950	-
○	CRI 90 965	6500 K	White	286	442	-	-	-	-

LED Strip Special White IP00				LF1200 SW	LF1200 TW	LF2000 SW	LF2000 TW	LF3000 SW	LF3000 TW	LF3000 TWW
Color Temperature				Luminous Flux (lm/m) ¹						
●	CRI 90 930	3000 K	White	780	-	1300	-	1950	-	-
○	CRI 90 940	4000 K	White	780	-	1300	-	1950	-	-
●	TW	2700 - 6500 K	Dynamic White	-	780	-	1300	-	1950	-
●	TWW	2200/2500-6500 K	Dynamic White	-	-	-	-	-	-	1950

LED Strip Color IP00				LF05A2	LF200C	LF05CE	LF05CA2	LF700RGBW	LF71300RGBW
Color Wave length				Luminous Flux (lm/m) ¹					
●	R	625	Red	78	-	-	-	-	-
●	G	525	Green	117	-	-	-	-	-
●	B	467	Blue	52	-	-	-	-	-
●	Y	587	Yellow	71	-	-	-	-	-
●	O	602	Orange	84	-	-	-	-	-
●	RGB	RGB	RGB	-	136	117	305	-	-
●	RGBW	RGBW	RGBW	-	-	-	-	453*	840*


*Both channels RGB and White on



Profile & LED Strip Compatibility										
LED Strip White IP67				LFP500	LFP800S	LFP800	LFP1200	LFP1200 SW	LFP2000	LFP2000 SW
Color Temperature				Luminous Flux (lm/m) ¹						
●	824	2400 K	White	-	-	520	715	-	1170	-
●	827	2700 K	White	286	481	520	747	-	1235	-
●	830	3000 K	White	312	520	-	780	-	1235	-
●	835	3500 K	White	312	520	-	-	-	-	-
○	840	4000 K	White	338	520	-	780	-	1235	-
○	860	6000 K	White	-	-	-	715	-	1170	-
○	865	6500 K	White	338	520	-	-	-	-	-
●	CRI 90 927	2700 K	White	234	357	-	-	-	-	-
●	CRI 90 930	3000 K	White	-	-	-	715	-	1170	-
●	CRI 90 935	3500 K	White	260	403	-	-	-	-	-
○	CRI 90 940	4000 K	White	260	403	-	780	780	1235	1170
○	CRI 90 960	5800 K	White	-	-	-	780	-	1235	-
○	CRI 90 965	6500 K	White	260	442	-	-	-	-	-

LED Strip Color IP67				LF05A-B3-P	LFP200C	LF05CE-P	LF05CA-P
Color Wave length				Luminous Flux (lm/m) ¹			
●	B	467	Blue	52	-	-	-
●	RGB	RGB	RGB	-	136	117	305

¹ Luminous flux comprehensive of the track's efficiency without cover (Light Output Ratio 65%).
Note: -39% luminous flux with frosted cover and -10 % with clear cover (estimated value).

Thermal compatibility

IP00 LED strip	White & Special White				Tunable White				Color		
	LF500 LF800S	LF1200 LF1200SW LF2000 LF2000SW	LF3000 LF3000SW	LF4000	LF1200 TW	LF2000 TW	LF3000 TW	LF3000 TWW	LF05A2 LF05CA2 LF05CE LF200C	LF700 RGBW	LF1300 RGBW
Mounting condition	Maximum Ambient Temperature °C										
 Surface mounting	50	50	38	38	50	50	35	35	50	50	45
 Recessed mounting	50	45	30	30	50	40	25	30	50	50	42

IP67 LED strip	White & Special White				Color		
	LFP500 LFP800S	LFP800 LFP1200 LFP1200SW	LFP2000 LFP2000SW		LFP05A-P LFP05CE-P LFP200C	LFP05CA-P	
Mounting condition	Maximum Ambient Temperature °C						
 Surface mounting	50	50	40		50	40	
 Recessed mounting	50	50	35		50	35	

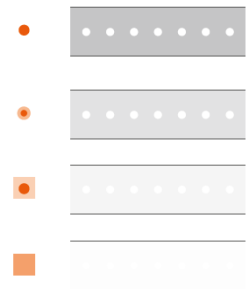
The tables report the maximum recommended ambient temperature for the Slim Profile 45° in combination with IP00 and IP67 LED strips in case of surface or recessed mounting condition. In these conditions the expected Tc of LED strip is the maximum allowed.

Note: the table is for application evaluation only; always ensure that Tc do not exceed the maximum allowed value.
For further information contact our support service at flex-support@osram.com

Visibility of LED spots

IP00 LED strip	White & Special White				Tunable White	Color	
	LF500	LF800S	LF1200 LF2000 LF3000	LF1200SW LF2000SW LF3000SW	LF1200TW LF2000TW LF3000TW LF3000TWW	LF05A2 LF05CA2 LF05CE LF200C	LF700RGBW LF1300RGBW
Covers	Maximum Ambient Temperature °C						
Frosted cover FX-QMS-G1-CFDB-300	●	●	●	●	●	●	●
Clear Cover FX-QMS-G1-CFTL-300	●	●	●	●	●	●	●

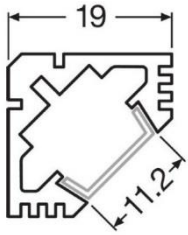
IP67 LED strip	White & Special White				Color
	LFP500	LFP800S	LFP1200 LFP2000 LFP3000	LFP1200SW LFP2000SW LFP3000SW	LFP05A-P LFP05CA-P LFP05CE-P LFP200C
Covers	Maximum Ambient Temperature °C				
Frosted cover FX-QMS-G1-CFDB-300	●	●	●	●	●
Clear Cover FX-QMS-G1-CFTL -300	●	●	●	●	●



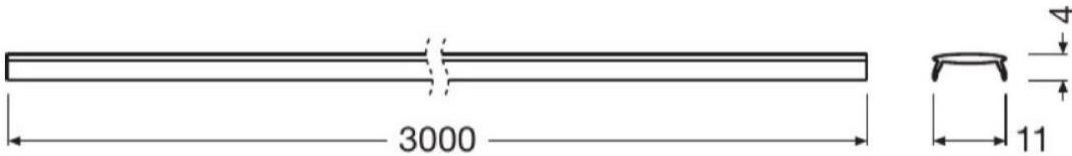
LINEARlight FLEX® LED strips in system combination with profiles and covers – Visibility of LED spots.

Front view from observing point: < 1.5m, size: not to scale

Technical drawings

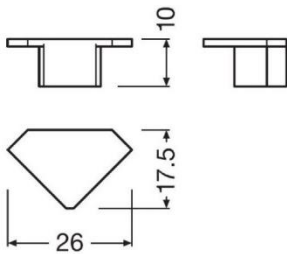


Slim Profile 45°
FX-QMS-G1-T45D19H19-300
Order code 4052899448667

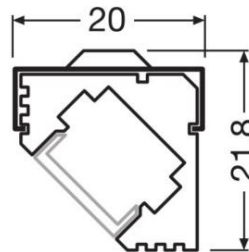


Slim cover frosted
FX-QMS-G1-CFDB-300
Order code 4052899446991

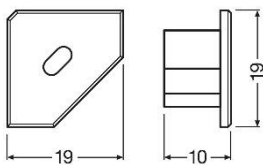
Slim cover clear
FX-QMS-G1-CFTL-300
Order code 4052899999749



Plastic end cap
FX-QMS-G1-EFGP-T45D19H19
Order code 4052899450028



Metal mounting bracket
FX-QMS-G1-BMZI-T45D19H19
Order code 4052899446960

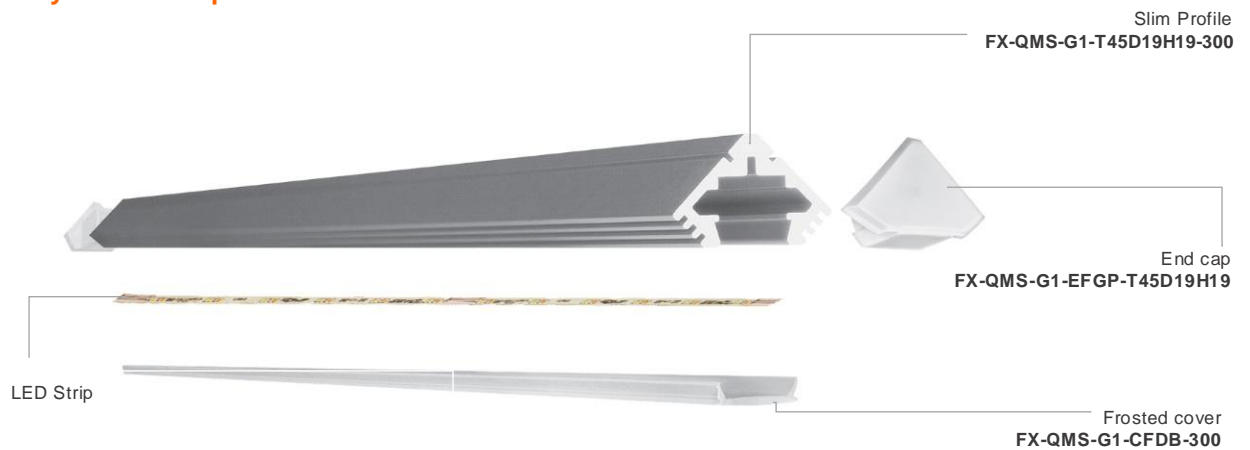


Plastic end cap with hole
FX-QMS-G1-EFGH-T45D19H19
Order code 4052899999862

Order Code

Product Code	Description	Product Number (EAN10)	Dimensions (length x width x height)	EAN Package content
FX-QMS-G1-T45D19H19-300	Slim Profile 45°	4052899448667	3000 x 19 x 19 mm	1x Profile
FX-QMS-G1-CFTL-300	Slim cover clear	4052899999749	3000 x 11 x 4 mm	1x Cover
FX-QMS-G1-CFDB-300	Slim cover frosted	4052899446991	3000 x 11 x 4 mm	1x Cover
FX-QMS-G1-EFGP-T45D19H19	End cap	4052899450028	26 x 17.5 x 10 mm	40x End cap
FX-QMS-G1-EFGH-T45D19H19	End cap with hole	4052899999862	26 x 17.5 x 10 mm	40x End cap
FX-QMS-G1-BMZI-T45D19H19	Mounting bracket	4052899446960	20 x 20 x 9.5 mm	40x Mounting bracket

Complete System Example



For further information please write to flex-support@osram.com or consult our Flex Configurator at www.osram.com/flex-configurator

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

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