

Light is OSRAM

# Slim Profile System

Slim Profile 6 mm height  
FX-QMS-G1-TU15H6-300



### Features & Benefits

The best choice for a good lighting with an almost invisible light source. Thanks to the compact dimensions, this profile is ideal for general illumination in confined spaces, such as coves, furniture, shelves and closets.

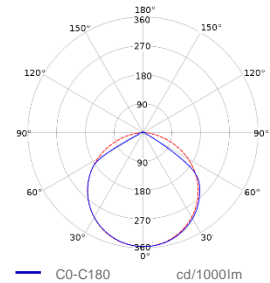
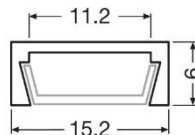
### Application

- Architectural Integration
- Cove lighting
- Shelves, Closets, Showcases, Cabinets Lighting
- Handrail and Stairs

### Dimension & Available Covers



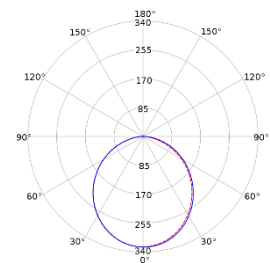
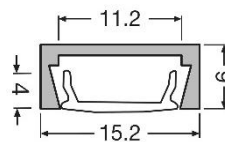
Slim Profile 6 mm height FX-QMS-G1-TU15H6-300  
Dimensions: W15.2 x H6 x L3000 mm



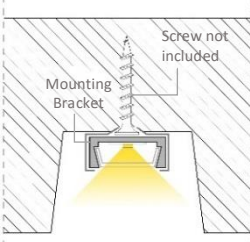
Profile without cover



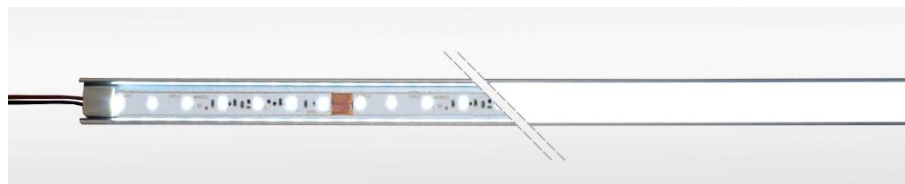
Slim cover frosted FX-QMS-G1-CFDB-300  
Or  
Slim cover clear FX-QMS-G1-CFTL-300  
Dimensions: W11 x H4 x L3000 mm



Slim cover frosted



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) <sup>1</sup>					
●	820	2000 K	White	-	-	950	1567	2375	-
●	822	2200 K	White	418	703	-	-	-	-
●	824	2400 K	White	-	-	1140	1900	2850	-
●	825	2500 K	White	456	760	-	-	-	-
●	827	2700 K	White	456	760	1140	1900	2850	3562
●	830	3000 K	White	494	760	1140	1900	2850	3562
●	835	3500 K	White	494	760	-	-	-	-
○	840	4000 K	White	494	760	1140	1900	2850	3657
○	850	5000 K	White	-	-	1140	1900	2850	3657
○	865	6500 K	White	494	760	1140	1900	2850	3657
●	CRI 90 922	2200 K	White	342	522	-	-	-	-
●	CRI 90 927	2700 K	White	380	589	1045	1710	2565	-
●	CRI 90 930	3000 K	White	380	589	1140	1900	2850	-
●	CRI 90 935	3500 K	White	418	646	-	-	-	-
○	CRI 90 940	4000 K	White	418	646	1140	1900	2850	-
○	CRI 90 965	6500 K	White	418	646	-	-	-	-

LED Strip Special White IP00				LF1200 SW	LF1200 TW	LF2000 SW	LF2000 TW	LF3000 SW	LF3000 TW**
Color Temperature				Luminous Flux (lm/m) <sup>1</sup>					
●	CRI 90 930	3000 K	White	1140	-	1900	-	2850	-
○	CRI 90 940	4000 K	White	1140	-	1900	-	2850	-
●	TW	2700 - 6500 K	Dynamic White	-	1140	-	1900	-	2850
●	TWW	2200/2500-6500 K	Dynamic White	-	-	-	-	-	-

LED Strip Color IP00				LF05A2	LF200C	LF05CE	LF05CA2	LF700RGBW	LF71300RGBW
Color Wave length				Luminous Flux (lm/m) <sup>1</sup>					
●	R	625	Red	114	-	-	-	-	-
●	G	525	Green	171	-	-	-	-	-
●	B	467	Blue	76	-	-	-	-	-
●	Y	587	Yellow	104	-	-	-	-	-
●	O	602	Orange	123	-	-	-	-	-
●	RGB	RGB	RGB	-	198	171	446	-	-
●	RGBW	RGBW	RGBW	-	-	-	-	662*	1228*

\*Both channels RGB and White on

Profile & LED Strip Compatibility (combination possible only without cover)										
LED Strip White IP67				LFP500	LFP800S	LFP800	LFP1200	LFP1200 SW	LFP2000	LFP2000 SW
Color Temperature				Luminous Flux (lm/m) <sup>1</sup>						
●	824	2400 K	White	-	-	760	1045	-	1710	-
●	827	2700 K	White	418	703	760	1092	-	1805	-
●	830	3000 K	White	456	760	-	1140	-	1805	-
●	835	3500 K	White	456	760	-	-	-	-	-
○	840	4000 K	White	494	760	-	1140	-	1805	-
○	860	6000 K	White	-	-	-	1045	-	1710	-
○	865	6500 K	White	494	760	-	-	-	-	-
●	CRI 90 927	2700 K	White	342	522	-	-	-	-	-
●	CRI 90 930	3000 K	White	-	-	-	1045	-	1710	-
●	CRI 90 935	3500 K	White	380	589	-	-	-	-	-
○	CRI 90 940	4000 K	White	380	589	-	1140	1140	1805	1710
○	CRI 90 960	5800 K	White	-	-	-	1140	-	1805	-
○	CRI 90 965	6500 K	White	380	646	-	-	-	-	-



LED Strip Color IP67				LF05A-B3-P	LFP200C	LF05CE-P	LF05CA-P
Color Wave length				Luminous Flux (lm/m) <sup>1</sup>			
●	B	467	Blue	76	-	-	-
●	RGB	RGB	RGB	-	198	171	446



<sup>1</sup> Luminous flux comprehensive of the track's efficiency without cover (Light Output Ratio 95%).

Note: -39% luminous flux with frosted cover and -10 % with clear cover (estimated value).

\*\* Only surface mounting allowed.

## Thermal compatibility






IP00 LED strip	White & Special White					Tunable White			Color		
	LF500 LF800S	LF1200 LF1200 SW	LF2000 LF2000 SW	LF3000 LF3000 SW	LF4000	LF1200 TW	LF2000 TW	LF3000 TW	LF05A2 LF05CA2 LF05CE LF200C	LF700 RGBW	LF1300 RGBW
<b>Mounting condition</b>	Maximum Ambient Temperature °C										
 Surface mounting	50	50	47	30	30	50	45	25	50	50	40
 Recessed mounting	50	50	35	25	25	50	35	-	50	50	35

IP67 LED strip	White & Special White			Color	
	LFP500 LFP800S	LFP800 LFP1200 LFP1200SW	LFP2000 LFP2000SW	LF05A-P LF05CE-P LFP200C	LF05CA-P
<b>Mounting condition</b>	Maximum Ambient Temperature °C				
 Surface mounting	50	50	40	50	40
 Recessed mounting	50	50	35	50	35

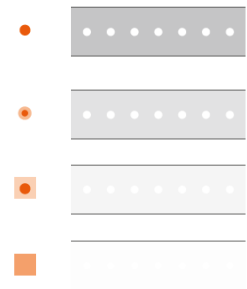
The tables report the maximum recommended ambient temperature for the Slim Profile 6 mm height in combination with IP00 and IP67 LED strips in case of surface or recessed mounting condition. In these conditions the expected Tc of LED strip is the maximum allowed.

**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](mailto:flex-support@osram.com)

## Visibility of LED spots

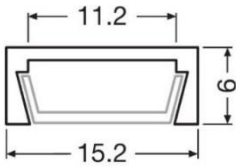
IP00 LED strip	White & Special White				Tunable White		Color	
	LF500	LF800S	LF1200 LF2000 LF3000	LF1200SW LF2000SW LF3000SW	LF1200TW LF2000TW LF3000TW	LF05A2 LF05CA2 LF05CE LF200C	LF700RGBW	LF1300RGBW
<b>Covers</b>	Maximum Ambient Temperature °C							
<b>Frosted cover</b> FX-QMS-G1-CFDB-300								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

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

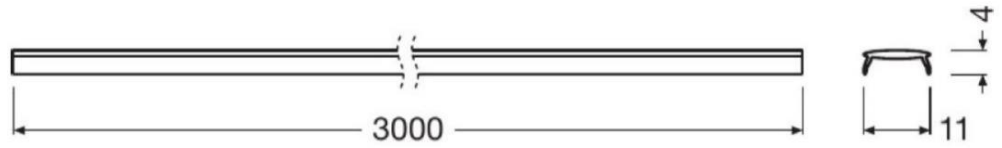


Front view from observing point: < 1.5m, size: not to scale

## Technical drawings

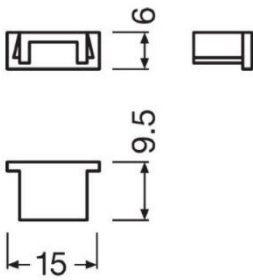


Slim Profile 6 mm height  
FX-QMS-G1-TU15H6-300  
Order code 4052899448865



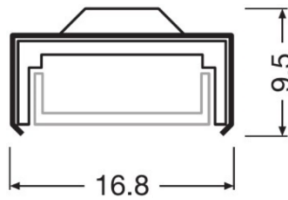
Slim cover frosted  
FX-QMS-G1-CFDB-300  
Order code 4052899446991

Slim cover clear  
FX-QMS-G1-CFTL-300  
Order code 405289999749

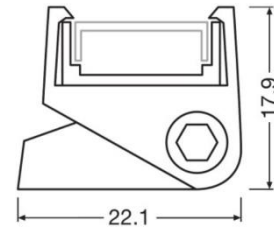


Plastic end cap  
FX-QMS-G1-EFGP-TU15H6  
Order code 4052899449107

Plastic end cap with hole  
FX-QMS-G1-EFGH-TU15H6  
Order code 405289999923



Metal mounting bracket  
FX-QMS-G1-BMZI-DIV1  
Order code 4052899446861



Adjustable mounting bracket (moving 90°)  
ADJUSTABLESLIMBRACKET  
Order code 4052899600010

## Order Code

Product Code	Description	Product Number (EAN10)	Dimensions (length x width x height)	EAN Package content
<b>FX-QMS-G1-TU15H6-300</b>	Slim Profile 6 mm height	4052899448865	3000 x 15.2 x 6 mm	1x Profile
<b>FX-QMS-G1-CFTL-300</b>	Slim cover clear	4052899999749	3000 x 11 x 4 mm	1x Cover
<b>FX-QMS-G1-CFDB-300</b>	Slim cover frosted	4052899446991	3000 x 11 x 4 mm	1x Cover
<b>FX-QMS-G1-EFGP-TU15H6</b>	End cap	4052899449107	15 x 9.5 x 6 mm	40x End cap
<b>FX-QMS-G1-EFGH-TU15H6</b>	End cap with hole	405289999923	15 x 9.5 x 6 mm	40x End cap
<b>FX-QMS-G1-BMZI-DIV1</b>	Mounting bracket	4052899446861	17 x 20 x 9.5 mm	40x Mounting bracket
<b>ADJUSTABLESLIMBRACKET</b>	Adjustable mounting bracket	4052899600010	20 x 17 x 9.5 mm	40x Mounting bracket

## Complete System Example



For further information please write to [flex-support@osram.com](mailto:flex-support@osram.com) or consult our Flex Configurator at [www.osram.com/flex-configurator](http://www.osram.com/flex-configurator)

## Disclaimer

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

OSRAM GmbH

Head Office:

Marcel-Breuer-Strasse 6  
80807 Munich, Germany  
Phone +49 89 6213-0  
Fax +49 89 6213-2020  
[www.osram.com](http://www.osram.com)

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