

Kaskazuri restaurant,
San Sebastián, Spain





LINEAR FLEX®

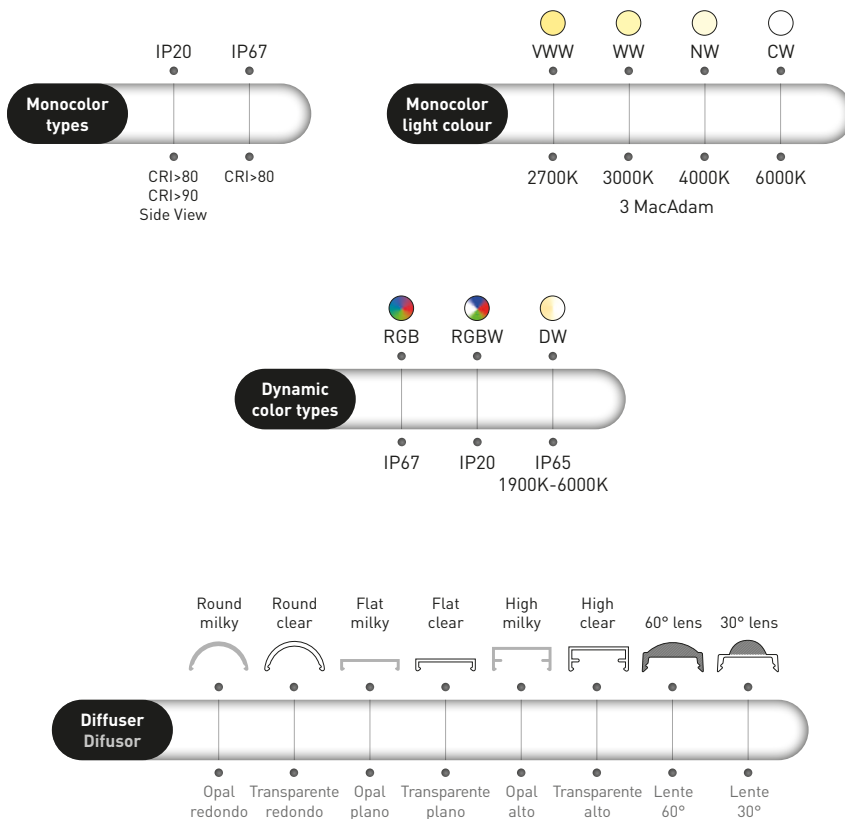
3 MacAdam



LINEAR FLEX®

3 MacAdam

- Cove lighting and other applications
 - 3 MacAdam: chromatic stability control
 - 4 color temperature: 2700K, 3000K, 4000K and 6000K
 - CRI>90, RGB, RGBW, DW and side view types
 - Wide range of powers, from 4,8W/m to 33,6W/m
 - Dimmable flexible strip
 - Up to 3074 lm/m
 - It can be cut on size at site
 - IP20 (5 years warranty) and IP65 / IP67 (3 years warranty)
 - Accessories: aluminum profile, diffuser and lenses
- Iluminación de foseados y otras aplicaciones
 - 3 MacAdam: control de la estabilidad cromática
 - 4 temperaturas de color: 2700K, 3000K, 4000K y 6000K
 - Modelos CRI>90, RGB, RGBW, DW y side view
 - Gran variedad de potencias, de 4,8W/m a 33,6W/m
 - Tiras flexibles dimerizables
 - Hasta 3074 lm/W
 - Se puede cortar a medida en la obra
 - IP20 (5 años de garantía) e IP65 / IP67 (3 años de garantía)
 - Perfil de aluminio, difusores y lentes como accesorios



SPECIFICATIONS
CARACTERÍSTICAS



Linear Flex®													
	Color (K)	Bin (±K)	CRI*	lm/m (lm)	lm/W (lm)	Nº of LEDs/m	LED Pitch (mm)	Cutting Length (mm)	W/Reel (W)	Length (m)	Width (mm)	IP	Product References
Linear Flex® Monocolor IP20													
4,8 W/m	2700K	50	>80	284 lm	59	60	16,6	100	20W	5m	8	20	7260000/80/2K7
	3000K	75		291 lm	61								7260000/80/3K
	4000K	125		304 lm	63								7260000/80/4K
	6000K	200		330 lm	69								7260000/80/6K
9,6 W/m	2700K	50	>80	1011 lm	105	84	11,9	71	39W	5m	8	20	7260010/80/2K7
	3000K	75		1035 lm	108								7260010/80/3K
	4000K	125		1082 lm	113								7260010/80//4K
	6000K	200		1170 lm	122								7260010/80/6K
14,4 W/m	2700K	50	>80	1458 lm	101	120	8,3	50	58W	5m	8	20	7260020/80/2K7
	3000K	75		1488 lm	103								7260020/80/3K
	4000K	125		1550 lm	108								7260020/80//4K
	6000K	200		1680 lm	117								7260020/80/6K
24 W/m	2700K	50	>80	1889 lm	79	120	8,3	50	96W	5m	8	20	7260030/80/2K7
	3000K	75		1933 lm	81								7260030/80/3K
	4000K	125		2021 lm	84								7260030/80/4K
	6000K	200		2196 lm	92								7260030/80/6K
33,6 W/m	2700K	50	>80	2644 lm	79	168	5,9	36	81W	3m	8	20	7260040/80/2K7
	3000K	75		2705 lm	81								7260040/80/3K
	4000K	125		2828 lm	84								7260040/80/4K
	6000K	200		3074 lm	91								7260040/80/6K
Linear Flex® Monocolor CRI>90													
14,4 W/m	2700K	50	>90	825 lm	57	120	8,3	50	58W	5m	8	20	7260020/90/2K7
	3000K	75		865 lm	60								7260020/90/3K
	4000K	125		904 lm	63								7260020/90/4K
24 W/m	2700K	50	>90	1402 lm	58	240	4,1	25	96W	5m	10	20	7260030/90/2K7
	3000K	75		1500 lm	63								7260030/90/3K
	4000K	125		1630 lm	68								7260030/90/4K
Linear Flex® Monocolor Side View													
9,6 W/m	2700K	50	>80	826 lm	86	120	8,3	50	38,4W	5m	8	20	7261020/80/2K7
	3000K	75		845 lm	88								7261020/80/3K
	4000K	125		884 lm	92								7261020/80/4K
Linear Flex® Monocolor IP67													
4,8 W/m	2700K	50	>80	267 lm	56	60	16,6	100	20W	5m	10	67	7260003/80/2K7
	3000K	75		273 lm	57								7260003/80/3K
	4000K	125		285 lm	59								7260003/80/4K
	6000K	200		310 lm	65								7260003/80/6K
9,6 W/m	2700K	50	>80	951 lm	99	84	11,9	71	39W	5m	10	67	7260013/80/2K7
	3000K	75		973 lm	101								7260013/80/3K
	4000K	125		1017 lm	106								7260013/80/4K
	6000K	200		1106 lm	115								7260013/80/6K
14,4 W/m	2700K	50	>80	1269 lm	88	120	8,3	50	58W	5m	10	67	7260023/80/2K7
	3000K	75		1295 lm	90								7260023/80/3K
	4000K	125		1348 lm	96								7260023/80/4K
	6000K	200		1462 lm	102								7260023/80/6K
24 W/m	2700K	50	>80	1760 lm	73	120	8,3	50	96W	5m	10	67	7260033/80/2K7
	3000K	75		1800 lm	75								7260033/80/3K
	4000K	125		1999 lm	83								7260033/80/4K
	6000K	200		2021 lm	84								7260033/80/6K
Linear Flex® Dynamic Colors													
RGB / 14,4 W/m	RGB	-	-	R+G+B: 505 lm R:101 lm / G:328 lm / B:76 lm	35	60	16,6	100	58W	5m	12	67	7260203/11
RGBW / 16,32 W/m	RGBW (6000K)	-	>80	R+G+B+W: 900 lm R:180 lm / G:350 lm / B:70 lm / W:300 lm	38	120	16,6	100	66W	5m	12	20	7260220/11-6K
DW / 19,2 W/m	1.900K-6.000K	250	>90	1900K:840 lm / 6000K:1080 lm	100	240	8,3	50	77W	5m	12	65	7260222/11K9-6K

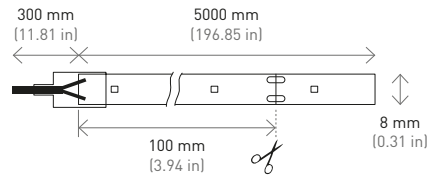
Color temperature conform to ANSI C78.377A.
Lumens measurement conform to LM-79-08.
Lumens maintenance conform to LM-80-08.

Temperatura de color según normativa ANSI C78.377A.
Medición lumens según normativa LM-79-08.
Mantenimiento lumens según normativa LM-80-08.

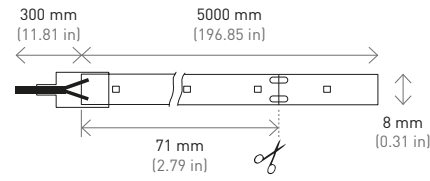
MEASURES MEDIDAS

IP20

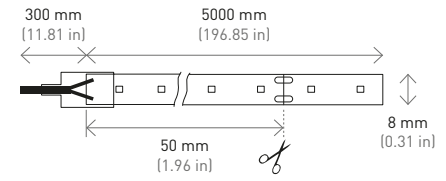
4,8W/m (60 LEDs/m)



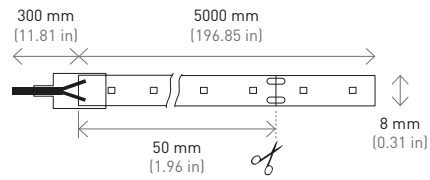
9,6W/m (84 LEDs/m)



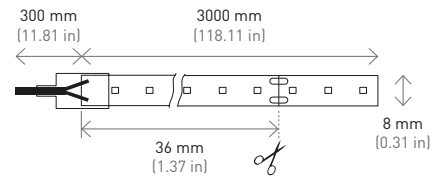
14,4W/m (120 LEDs/m)



24W/m (120 LEDs/m)

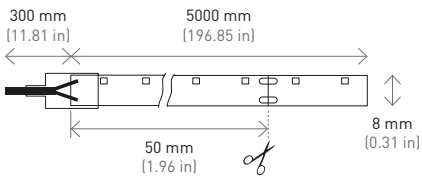


33,6W/m (168 LEDs/m)



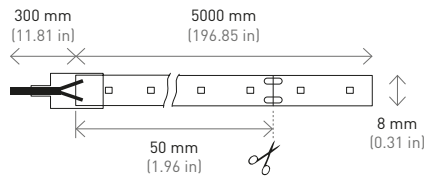
SIDE VIEW

9,6W/m (120 LEDs/m)

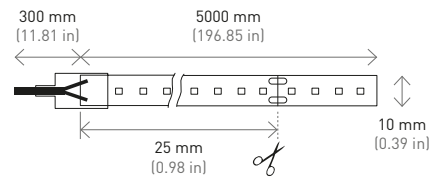


CRI>90

14,4W/m (120 LEDs/m)

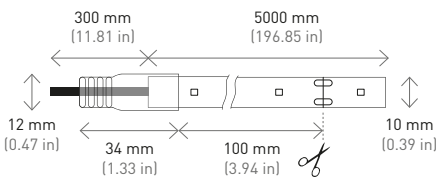


24W/m (240 LEDs/m)

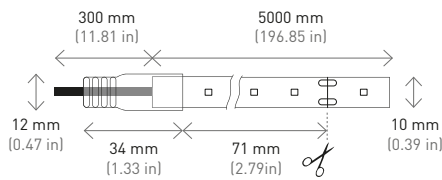


IP67

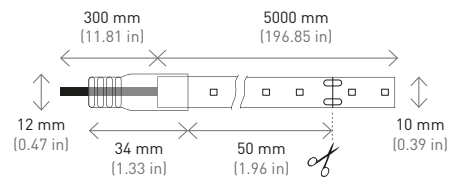
4,8W/m (60 LEDs/m)



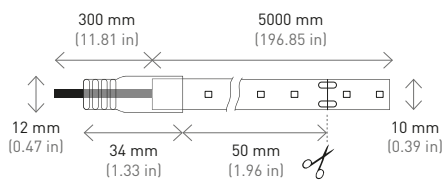
9,6W/m (84 LEDs/m)



14,4W/m (120 LEDs/m)

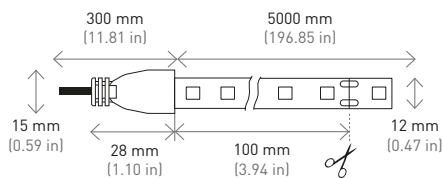


24W/m (120 LEDs/m)

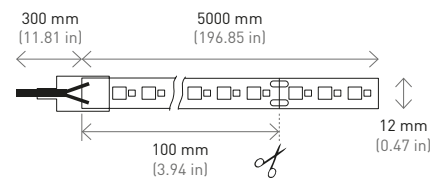


DYNAMIC COLORS

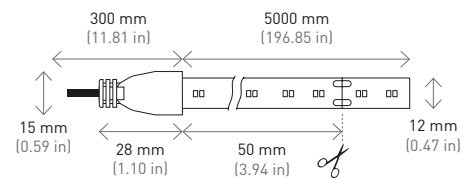
RGB 14,4W/m (60 LEDs/m) IP67



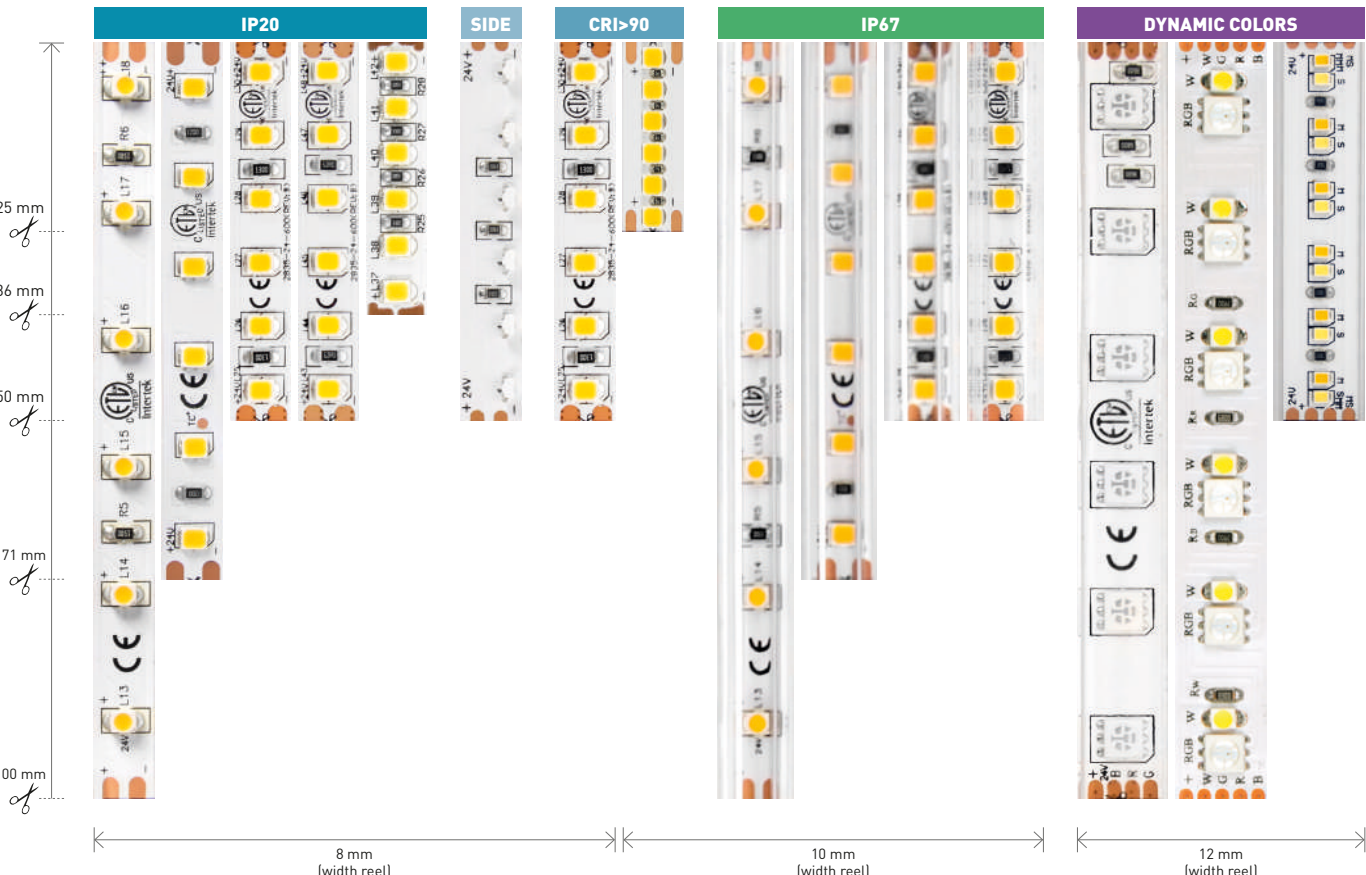
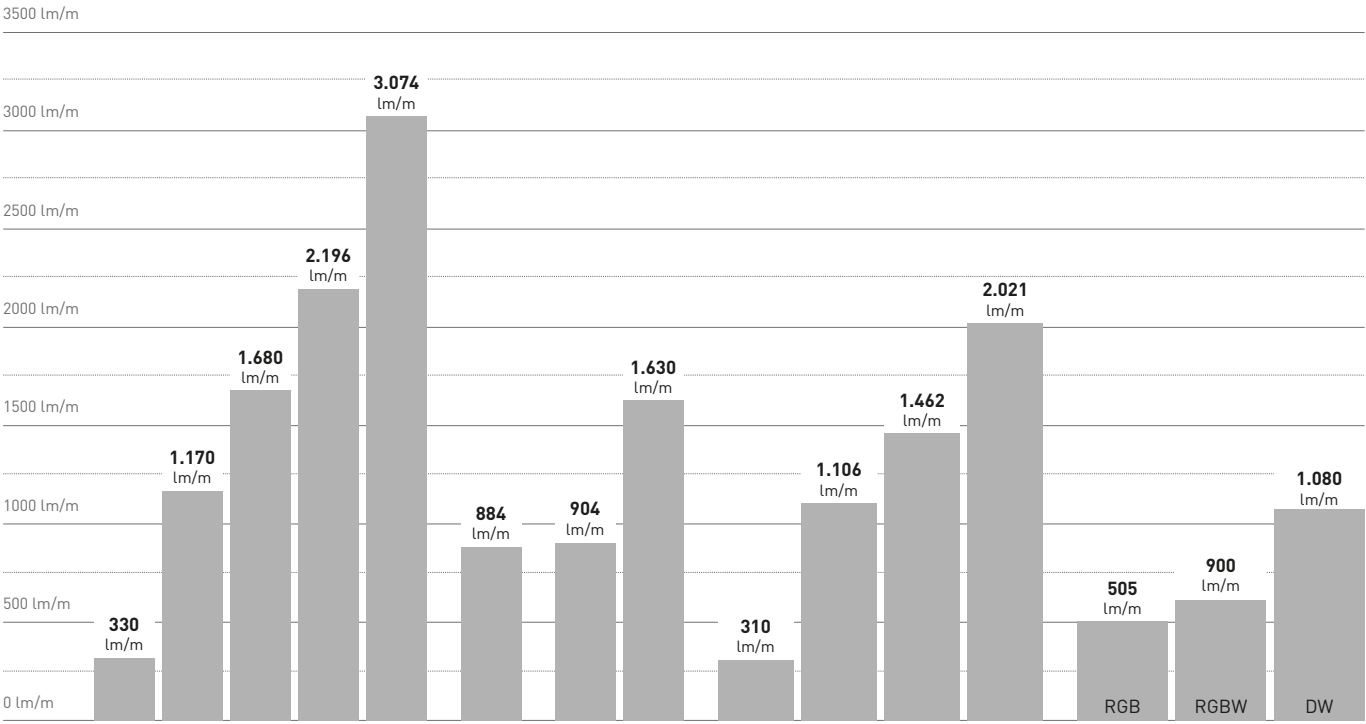
RGBW 16,3W/m (120 LEDs/m) IP20



DW 19,2W/m (240 LEDs/m) IP65



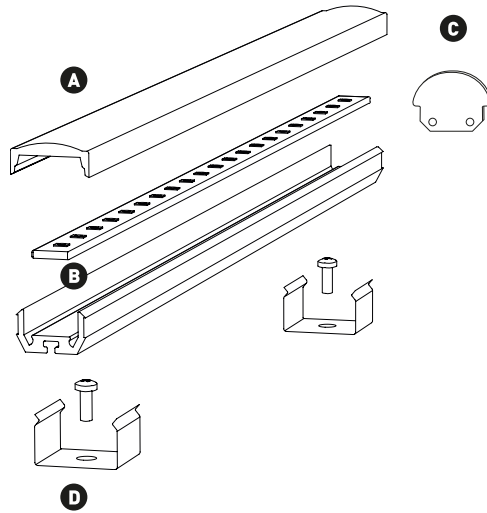
LINEAR FLEX® RANGE (lm/m) (6000K)
GAMA LINEAR FLEX® (lm/m) (6000K)



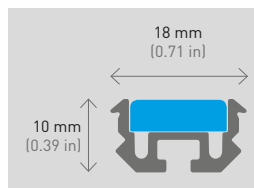
Full scale.
Escala real.

ACCESSORIES
ACCESORIOS

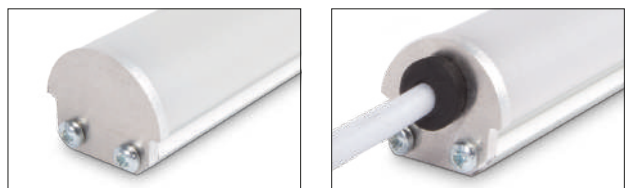
A Covers and lens
Cubiertas y lentes



B Aluminium profile
Perfil de aluminio



C End caps
Tapas finales



D Brackets
Soportes



DETAILS
DETALLES

LED STRIP TABLE COMPATIBLE WITH END CAPS
TABLA DE TIRAS LED COMPATIBLES CON TAPAS FINALES

Monocolor IP20					CRI>90	
4,8W/m	9,6W/m	14,4W/m	24W/m	33,6W/m	14,4W/m	24W/m
✓	✓	✓	✓	✓	✓	✓
IP67				RGB	RGBW	DW
4,8W/m	9,6W/m	14,4W/m	24W/m	14,4W/m	16,3W/m	19,2W/m
✓	✓	✓	✓	✗	✗	✗

LED STRIP WITH 3M ADHESIVE TAPE OR THERMAL CONDUCTIVE
TIRAS LED CON CINTA ADHESIVA 3M O TERMOCONDUCTORA

Monocolor IP20				CRI>90	Side		
4,8W/m	9,6W/m	14,4W/m	24W/m	33,6W/m	14,4W/m	24W/m	9,6W/m
3M	3M	3M	TC	TC	3M	TC	3M
IP67				RGB	RGBW	DW	
4,8W/m	9,6W/m	14,4W/m	24W/m	14,4W/m	16,3W/m	19,2W/m	
3M	3M	3M	TC	3M	3M	3M	

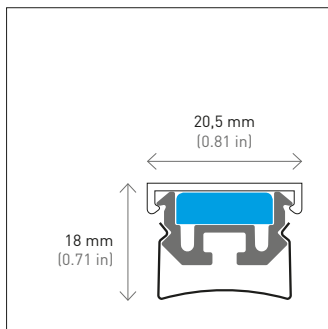


3M adhesive tape
Cinta adhesiva 3M

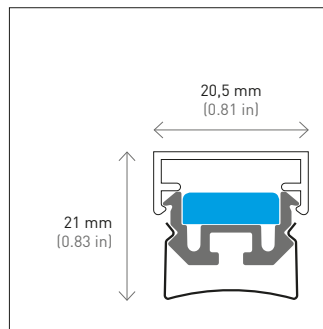


Thermal conductive tape
Cinta termoconductora

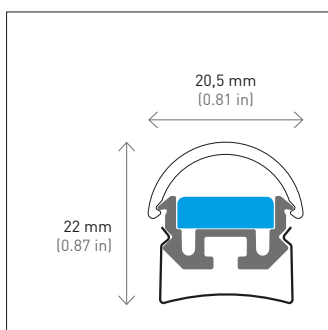
DETAILS
DETALLES



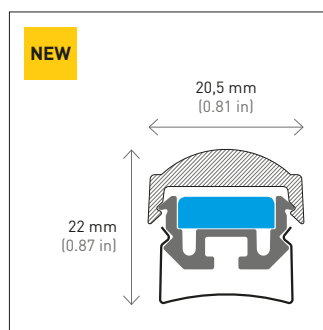
Al. Profile + Clip + Flat milky cover.
Perfil Al. + Clip + Cubierta plana opal.



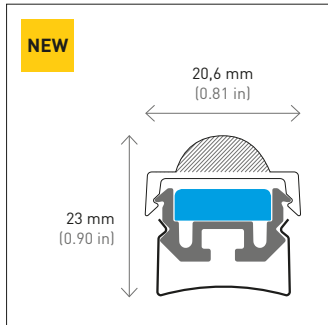
Al. Profile + Clip + High milky cover.
Perfil Al. + Clip + Cubierta opal alta.



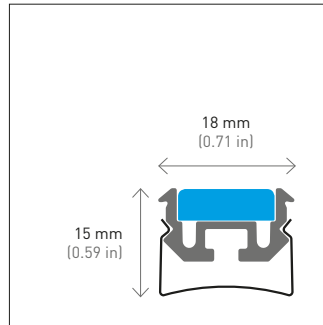
Al. Profile + Clip + Round clear cover.
Perfil Al. + Clip + Cubierta redonda transparente.



Al. Profile + Clip + 60° Lens.
Perfil Al. + Clip + Lente 60°.



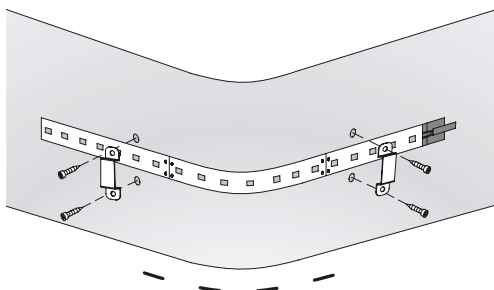
Al. Profile + Clip + 30° Lens.
Perfil Al. + Clip + Lente 30°.



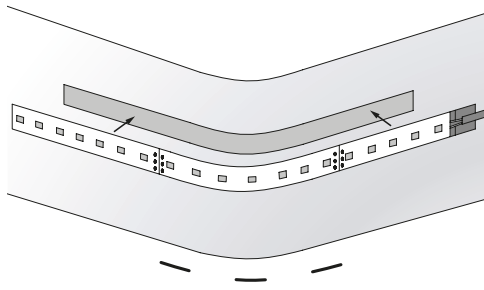
Al. Profile + Clip.
Perfil Al. + Clip.

Full scale drawings.
Planos a escala real.

INSTALLATION
INSTALACIÓN



Screws and clips installation
Instalación con clips y tornillos



Double-side adhesive tape installation
Instalación con cinta adhesiva de doble cara



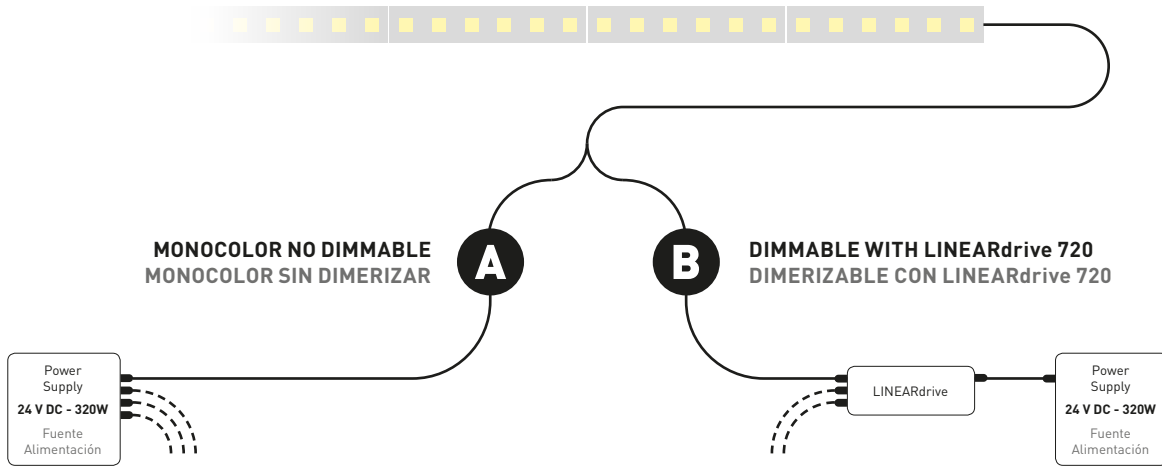
Minimum bending
radius 30 mm.

Radio mínimo
de curvatura 30 mm.



IP67
Temporarily
immersion
protection

MONOCOLOR CONNECTIONS
CONEXIONES MONOCOLOR



A

MONOCOLOR NO DIMMABLE
MONOCOLOR SIN DIMERIZAR

Below you see the maximum reels which can be connected in parallel to the 24 V DC - 320W power supply.
Maximum 5 m from the power supply to the first reel connection.

Ver tabla adjunta para número máximo de bobinas conectadas en paralelo a fuente de alimentación de 24 V DC - 320W.
Máximo 5 m desde la fuente de alimentación a la primera bobina.

B

DIMMABLE WITH LINEARdrive 720
DIMERIZABLE CON LINEARdrive 720

Below you see the maximum reels which can be connected in parallel to the LINEARdrive 720 (PSU 24 V DC - 320W).
Maximum 5 m from the power supply to the first reel connection.

Ver tabla adjunta para número máximo de bobinas conectadas en paralelo a LINEARdrive 720 (PSU 24 V DC - 320W).
Máximo 5 m desde la fuente de alimentación a la primera bobina.

MAXIMUM REELS CONNECTION TABLE
TABLA CON MÁXIMO DE BOBINAS CONECTADAS

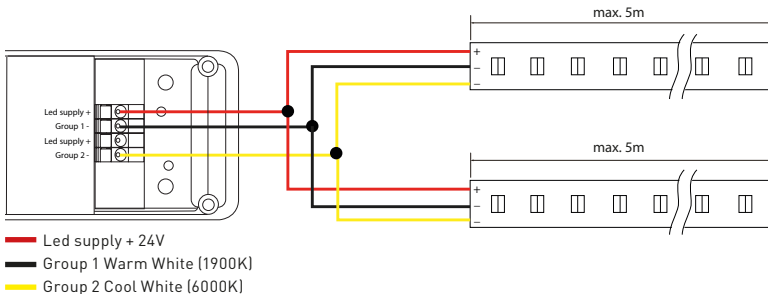
(with a 24 V DC - 320W power supply)
(con fuente de alimentación de 24 V DC - 320W)

Model	4,8W/m	9,6W/m	14,4W/m	24W/m	33,6W/m
Reel length	5 m	5 m	5 m	5 m	3 m
Max. Nº Reels	12	6	4	2	2

Values calculated without considering voltage drop.
Datos calculados sin caída de tensión.

DYNAMIC WHITE CONNECTIONS
CONEXIONES BLANCO DINÁMICO

LINEARdrive 222D 200W 24V DC DMX (2 channels)
LINEARdrive 220D 200W 24V DC DALI (2 channels)



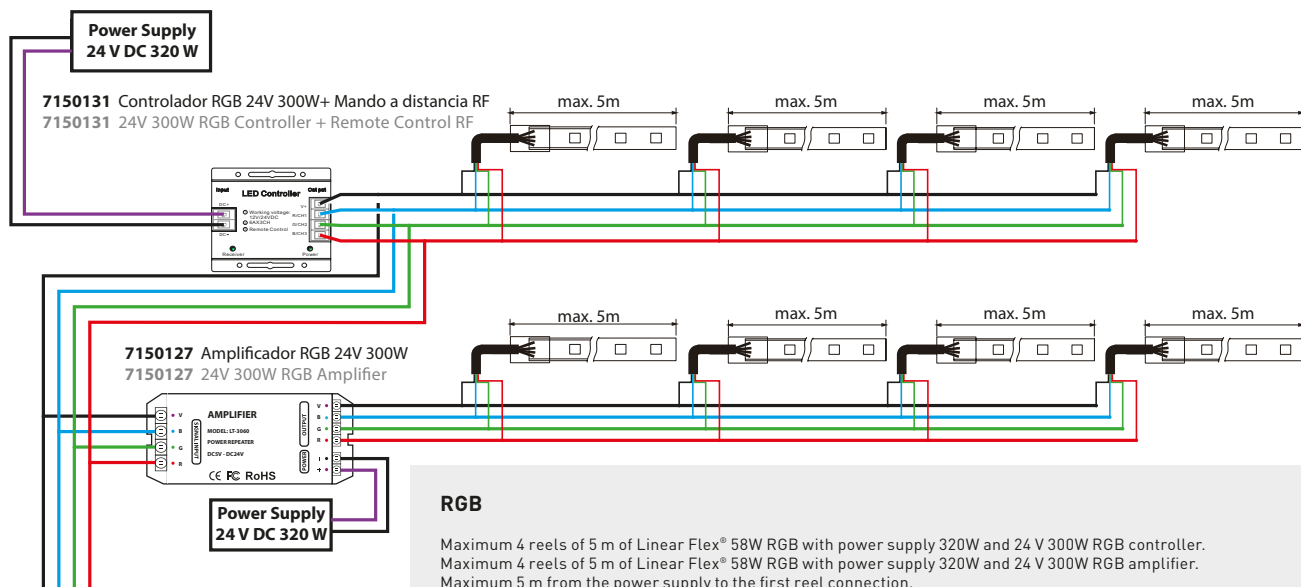
Dynamic White

Maximum 2 reels of 5 m of Linear Flex 77W DW with power supply 320W and LINEARdrive 222D/220D.
Maximum 5 m from the power supply to the first reel connection.

Máximo 2 bobinas de 5 m de Linear Flex 77W DW con fuente de alimentación de 320W y LINEARdrive 222D/220D .
Máximo 5 m desde la fuente de alimentación a la primera bobina.

RGB CONNECTIONS
CONEXIONES RGB

24 V 300W Amplifier / 24 V 300W RGB Controller (RF remote control included)
Amplificador 24 V 300W / Controlador RGB 24 V 300W (Incluye control remoto RF)

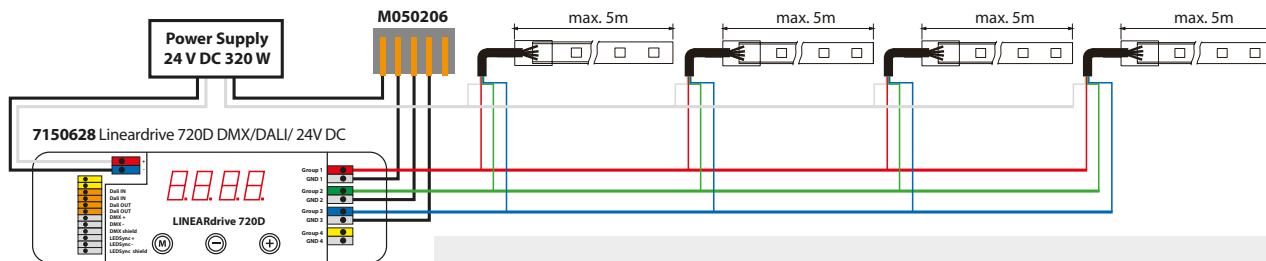


RGB

Maximum 4 reels of 5 m of Linear Flex® 58W RGB with power supply 320W and 24 V 300W RGB controller.
Maximum 4 reels of 5 m of Linear Flex® 58W RGB with power supply 320W and 24 V 300W RGB amplifier.
Maximum 5 m from the power supply to the first reel connection.

Máx. 4 bobinas de 5 m de Linear Flex® 58W RGB con fuente de alimentación de 320W y controlador RGB 24 V 300W.
Máximo 4 bobinas de 5 m de Linear Flex® 58W RGB con fuente de alimentación de 320W y amplificador 24 V 300W.
Máximo 5 m desde la fuente de alimentación a la primera bobina.

LINEARdrive 720D DMX/DALI 24 V DC



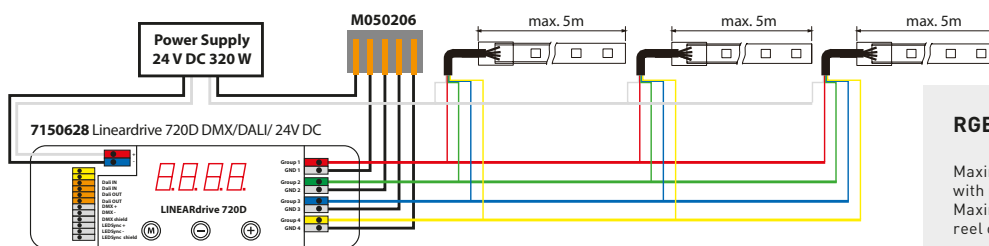
RGB

Maximum 4 reels of 5 m of Linear Flex 58W RGB with power supply 320W and LINEARdrive 720D.
Maximum 5 m from the power supply to the first reel connection.

Máximo 4 bobinas de 5 m de Linear Flex 58W RGB con fuente de alimentación de 320W y LINEARdrive 720D.
Máximo 5 m desde la fuente de alimentación a la primera bobina.

RGBW CONNECTIONS
CONEXIONES RGBW

LINEARdrive 720D DMX/DALI 24 V DC



RGBW

Maximum 3 reels of 5 m of Linear Flex 66W RGBW with power supply 320W and LINEARdrive 720D.
Maximum 5 m from the power supply to the first reel connection.

Máximo 3 bobinas de 5 m de Linear Flex 66W RGBW con fuente de alimentación de 320W y LINEARdrive 720D.
Máximo 5 m desde la fuente de alimentación a la primera bobina.

REFERENCES
REFERENCIAS

Linear Flex® Monocolor IP20	4,8W/m	20W/5m	IP20	2700K	7260000/80/2K7
				3000K	7260000/80/3K
				4000K	7260000/80/4K
				6000K	7260000/80/6K
	9,6W/m	39W/5m	IP20	2700K	7260010/80/2K7
				3000K	7260010/80/3K
				4000K	7260010/80/4K
				6000K	7260010/80/6K
	14,4W/m	58W/5m	IP20	2700K	7260020/80/2K7
				3000K	7260020/80/3K
				4000K	7260020/80/4K
				6000K	7260020/80/6K
24W/m	96W/5m	IP20	2700K	7260030/80/2K7	
			3000K	7260030/80/3K	
			4000K	7260030/80/4K	
			6000K	7260030/80/6K	
33,6W/m	81W/3m	IP20	2700K	7260040/80/2K7	
			3000K	7260040/80/3K	
			4000K	7260040/80/4K	
			6000K	7260040/80/6K	

Linear Flex® Monocolor CRI>90	14,4W/m	58W/5m	IP20	2700K	7260020/90/2K7
				3000K	7260020/90/3K
	24W/m	96W/5m	IP20	2700K	7260030/90/2K7
				3000K	7260030/90/3K
				4000K	7260030/90/4K

Linear Flex® Monocolor SIDE VIEW	9,6W/m	38,4W/5m	IP20	2700K	7261020/80/2K7
				3000K	7261020/80/3K
				4000K	7261020/80/4K

Linear Flex® Monocolor IP67	4,8W/m	20W/5m	IP67	2700K	7260003/80/2K7
				3000K	7260003/80/3K
				4000K	7260003/80/4K
				6000K	7260003/80/6K
	9,6W/m	39W/5m	IP67	2700K	7260013/80/2K7
				3000K	7260013/80/3K
				4000K	7260013/80/4K
				6000K	7260013/80/6K
	14,4W/m	58W/5m	IP67	2700K	7260023/80/2K7
				3000K	7260023/80/3K
				4000K	7260023/80/4K
				6000K	7260023/80/6K
24W/m	96W/5m	IP67	2700K	7260033/80/2K7	
			3000K	7260033/80/3K	
			4000K	7260033/80/4K	
			6000K	7260033/80/6K	

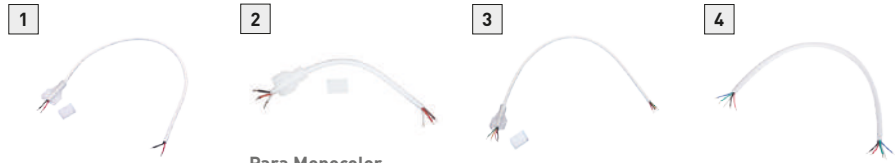
Linear Flex® RGB	14,4W/m	58W/5m	IP67	-	7260203/11
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Linear Flex® RGBW	16,32W/m	66W/5m	IP20	-	7260220/11-6K
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Linear Flex® DW	19,2W/m	77W/5m	IP65	1900K-6000K	7260222/1K9-6K
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Due to tolerances of the production process the total lengths could change slightly.
Debido a las tolerancias del proceso de producción las longitudes totales pueden cambiar ligeramente.

CONNECTIONS REFERENCES
REFERENCIAS CONEXIONES



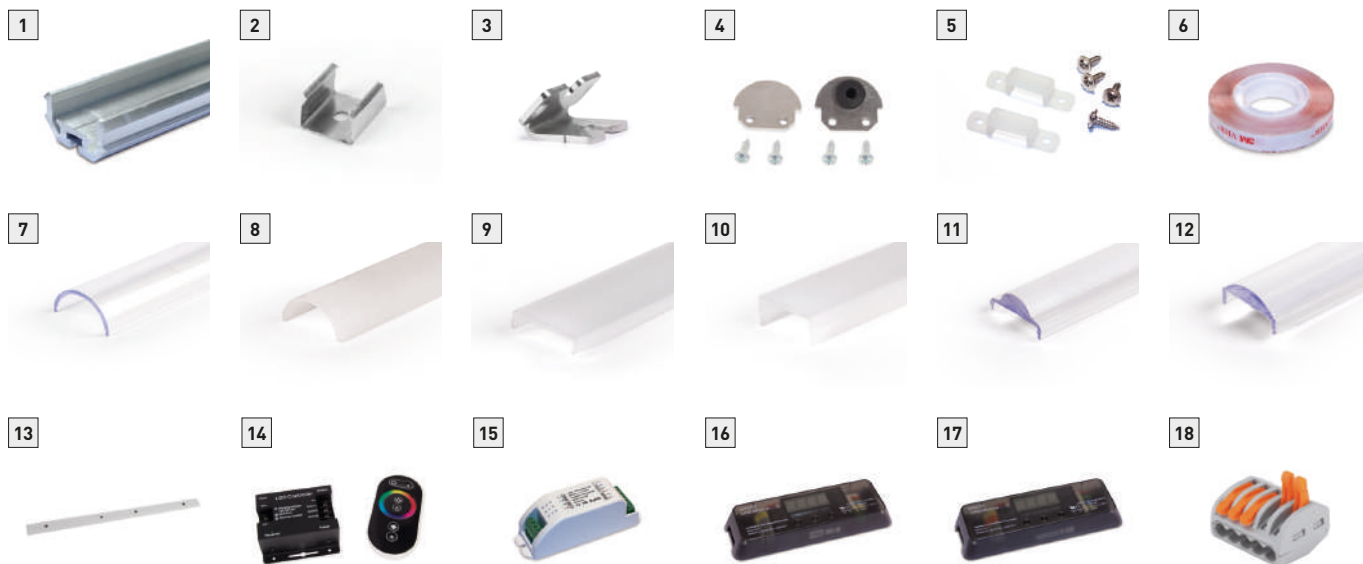
	For Monocolor	Para Monocolor	
M050338	Kit 30 cm wire (IP20)	Kit cable alimentación 30 cm (IP20)	
M050350	Kit 30 cm wire + End caps + glue (IP67)	Kit cable alimentación 30 cm + tapas + pegamento (IP67)	1
	For RGB	Para RGB	
M050339	Kit 30 cm wire + End caps + glue	Kit cable alimentación 30 cm + tapas + pegamento	3
	For RGBW	Para RGBW	
M050378	30 cm wire	Cable alimentación 30 cm	4
	For Dynamic White	Para Blanco Dinámico	
M050374	Kit 30 cm wire + End caps + glue	Kit cable alimentación 30 cm + tapas + pegamento	2

COMPATIBLE CONNECTORS TABLE
TABLA DE CONECTORES COMPATIBLES

Linear Flex®	Type	IP	Width	POWER WIRE
7260000/80/..	4,8W/m	IP20	8 mm	M050338
7260010/80/..	9,6W/m	IP20	8 mm	M050338
7260020/80/..	14,4W/m	IP20	8 mm	M050338
7260030/80/..	24W/m	IP20	8 mm	M050338
7260040/80/..	33,6W/m	IP20	8 mm	M050338
7260020/90/..	14,4W/m CRI>90	IP20	8 mm	M050338
7260030/90/..	24W/m CRI>90	IP20	10 mm	M050338
7261020/80/..	9,6W/m Side View	IP20	8 mm	M050338

Linear Flex®	Type	IP	Width	POWER WIRE
7260003/80/..	4,8W/m	IP67	10 mm	M050350
7260013/80/..	9,6W/m	IP67	10 mm	M050350
7260023/80/..	14,4W/m	IP67	10 mm	M050350
7260033/80/..	24W/m	IP67	10 mm	M050350
7260203/11	14,4W/m RGB	IP67	12 mm	M050339
7260220/11-6K	16,32W/m RGBW	IP20	12 mm	M050378
7260222/1K9-6K	19,2W/m DW	IP65	12 mm	M050374


ACCESSORIES REFERENCES
REFERENCIAS ACCESORIOS



8010400/C12	Aluminium profile for lens	Perfil aluminio para lente	1
M050328	Thermal conductive tape (25m)	Cinta termoconductora (25m)	
M170023	Mounting inox clips for aluminium profile	Clips inox de sujeción para perfil aluminio	2
M170040	Bracket 15°	Soporte 15°	
M170041	Bracket 30°	Soporte 30°	
M170028	Bracket 45°	Soporte 45°	3
7259100/C12	*2 end cap kit for round diffuser & lens (30°/60°)	*Kit 2 tapas finales para lentes (30°/60°) y para difusor circular	4
M130367/C01	Round clear cover for aluminium profile	Difusor circular transparente para perfil aluminio	7
M130367/C02	Round milky diffuser for aluminium profile	Difusor circular opal para perfil aluminio	8
M130342/C01	30° clear lens for aluminium profile	Lente transparente 30° para perfil aluminio	11
M130343/C01	60° clear lens for aluminium profile	Lente transparente 60° para perfil aluminio	12
7259101/C12	*2 end cap kit for flat diffuser	*Kit 2 tapas finales para difusor plano	
M130368/C01	Flat clear cover for aluminium profile	Difusor plano transparente para perfil aluminio	
M130368/C02	Flat milky diffuser for aluminium profile	Difusor plano opal para perfil aluminio	9
7259102/C12	*2 end cap kit for high diffuser	*Kit 2 tapas finales para difusor alto	
M130369/C01	High clear diffuser for aluminium profile	Difusor alto y transparente para perfil aluminio	
M130369/C02	High milky diffuser for aluminium profile	Difusor alto y opal para perfil aluminio	10
7259110/C12	Mechanical junction between aluminium profiles	Unión mecánica entre perfiles de aluminio	13
M050337	Mounting clips 12 mm 10 u.	Clips sujeción 12 mm 10 u.	5
M050336	3M adhesive tape 3 m	Cinta adhesiva 3M 3 m	6
7150131	24V 300W RGB controller + Remote control RF	Controlador RGB 24V 300W + Mando a distancia RF	14
7150127	24V 300W RGB amplifier	Amplificador RGB 24V 300W	15
7150129	24V 300W RGBW controller + Remote control RF	Controlador RGBW 24V 300W + Mando a distancia RF	
7150132	24V 300W RGBW amplifier	Amplificador RGBW 24V 300W	
7150627	LINEARdrive 180D DMX	LINEARdrive 180D DMX	16
7150628	LINEARdrive 720D DMX/DALI	LINEARdrive 720D DMX/DALI	17
M050206	WAGO connector 5 wires entry	Conector WAGO 5 vías	18

* See page 258
* Ver página 258

Power supply see page 316
Fuentes alimentación ver página 316

 To control the luminaires via Bluetooth see page 312
Para controlar las luminarias via Bluetooth consultar página 312