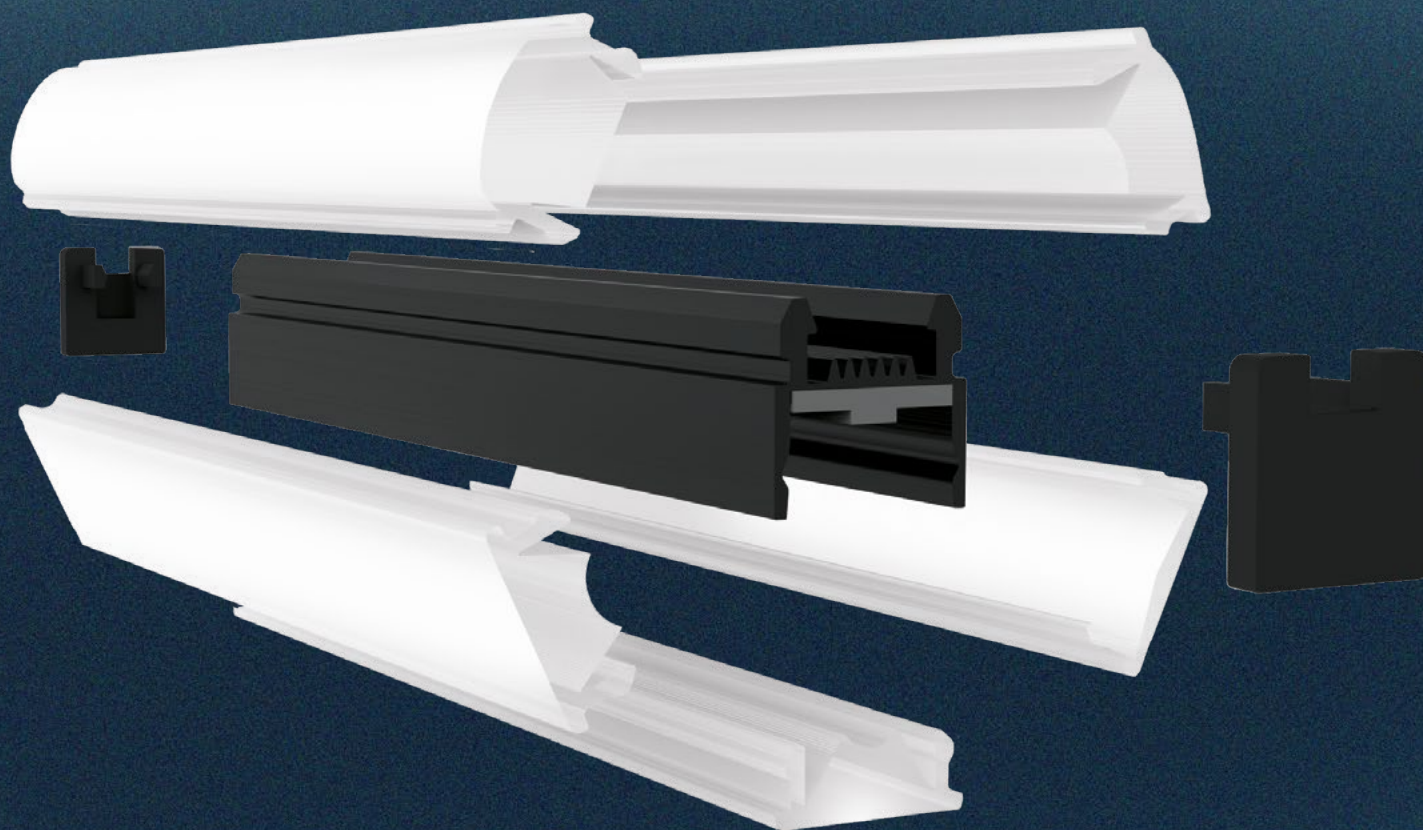


Formula Luci
LLS, Lens Linear System

Linear Light System with
five different lens optics.





LLS, Lens Linear System

LLS Overview Sommario LLS ⁰²

LLS Diffused ⁰⁴

LLS Medium ⁰⁴

LLS Wide ⁰⁴


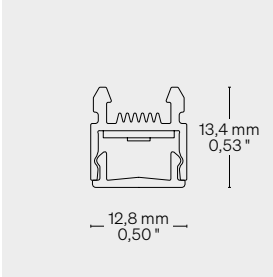
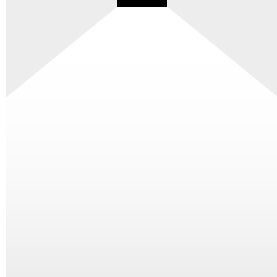

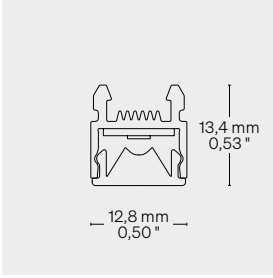
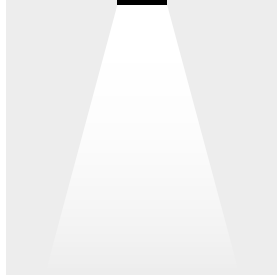

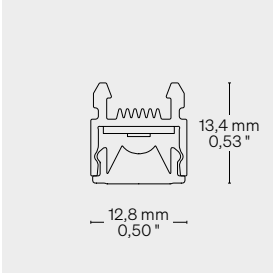
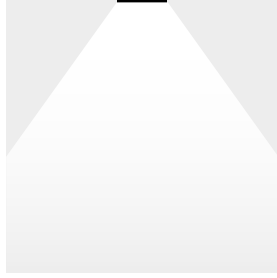

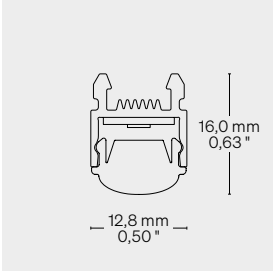
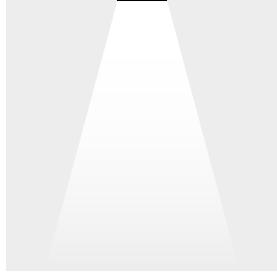

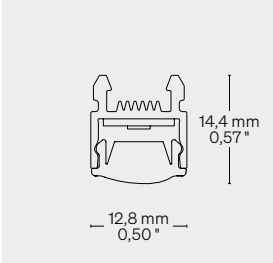

LLS Oval ¹⁰

LLS Wall Washer ¹⁴

Accessories Accessori ¹⁸

CRI Typical CRI Tipici ²⁰

LLS, Lens Linear System

Prod. name Nome prod.	Product Prodotto	Size Dimensioni (mm • in) (Scale/Scala 1:1)	Light Luce Light distributions/ Distribuzioni della luce	W/m • W/ft	Pag.
LLS • Diffused				9,5 W/m • 2,9 W/ft 15,7 W/m • 4,8 W/ft 19,6 W/m • 6,0 W/ft	04
LLS • Medium				9,5 W/m • 2,9 W/ft 15,7 W/m • 4,8 W/ft 19,6 W/m • 6,0 W/ft	04
LLS • Wide				9,5 W/m • 2,9 W/ft 15,7 W/m • 4,8 W/ft 19,6 W/m • 6,0 W/ft	04
LLS • Oval				9,5 W/m • 2,9 W/ft 15,7 W/m • 4,8 W/ft 19,6 W/m • 6,0 W/ft	10
LLS • Wall Washer				9,5 W/m • 2,9 W/ft 15,7 W/m • 4,8 W/ft 19,6 W/m • 6,0 W/ft	14

Pending



LLS • Diffused, Medium, Wide



Body Corpo

Symmetrical linear profile

Profilo lineare simmetrico

Fastening Fissaggio	Caps + Magnets	Tappi + Magneti
	Caps + Steel clips	Tappi + Clip in acciaio
	Caps + Adjustable brackets	Tappi + Staffe orientabili

Screen Schermo	Diffused 120° (Pending)	Diffused 120° (Pending)
	Medium 30°	Medium 30°
	Wide 60°	Wide 60°

Wiring set Cavo alimentazione	2000 mm • 78,74 "	2000 mm
---	-------------------	---------

Ordering length Lunghezza ordinabile	Up to 3000 mm • 118,10 "	Fino a 3000 mm
--	--------------------------	----------------

Finishing Finitura	● Grey anodized (Standard)	● Anodica grigia (Standard)
	→ On request other finishes	→ Su richiesta altre finiture

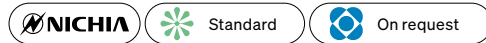
Listings and marks
Certificazioni e marchi



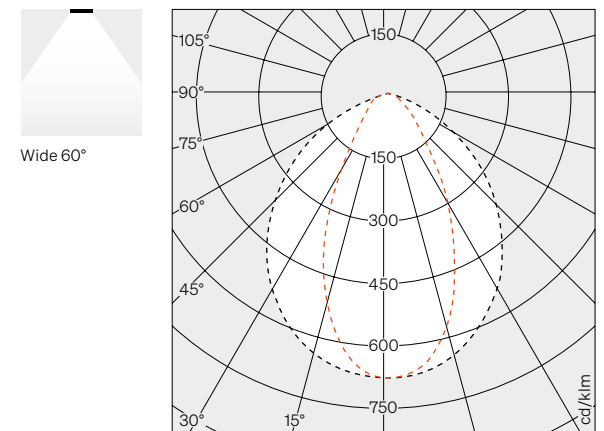
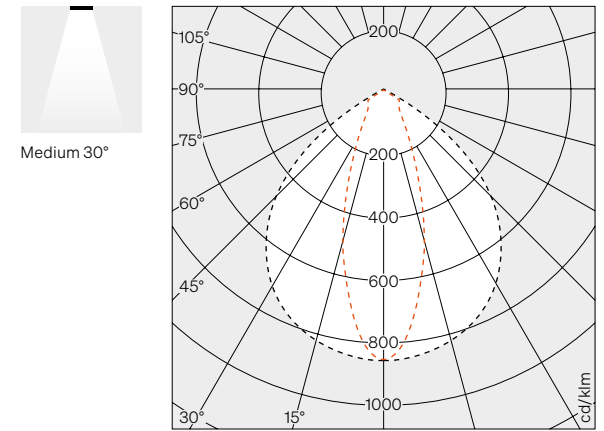
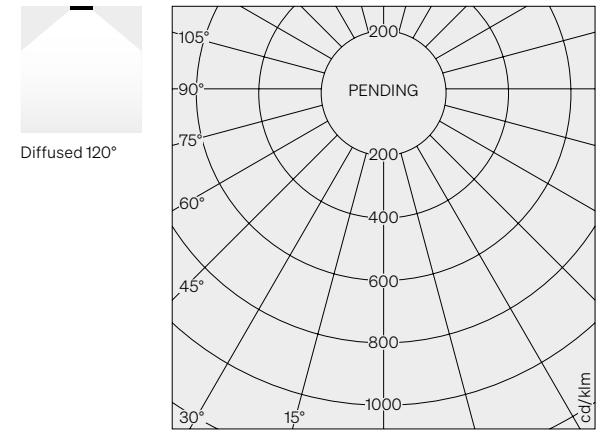
Where we produce
Dove produciamo

Made in Italy

LED (See page 20)
LED (Vedi pagina 20)

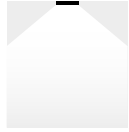


Light distributions Distribuzione della luce



Light Luce

Diffused 120°



Pending

	182 LED/m • 55 LED/ft	182 LED/m • 55 LED/ft	182 LED/m • 55 LED/ft
Light source Sorgente luminosa	182 LED/m • 55 LED/ft	182 LED/m • 55 LED/ft	182 LED/m • 55 LED/ft
Power consumption Consumo energia	9,5 W/m • 2,9 W/ft	15,7 W/m • 4,8 W/ft	19,6 W/m • 6,0 W/ft
CCT K	● 1800 ● 2500 ● 3500 ● 2000 ● 2700 ● 4000 ● 2200 ● 3000 ● 5000	● 1800 ● 2500 ● 3500 ● 2000 ● 2700 ● 4000 ● 2200 ● 3000 ● 5000	● 1800 ● 2500 ● 3500 ● 2000 ● 2700 ● 4000 ● 2200 ● 3000 ● 5000
CRI R9 Rf @ 3000 K Rg @ 3000 K MacAdam ellipse	Min 90 Min 50 92 100 3	Min 90 Min 50 92 100 3	Min 90 Min 50 92 100 3
Luminous flux (Strip LED) Flusso luminoso (Strip LED) ● 3000 K	↓ Diffused 120° – 164 lm/W 1562 lm/m • 476 lm/ft	↓ Diffused 120° – 162 lm/W 2546 lm/m • 776 lm/ft	↓ Diffused 120° – 154 lm/W 3010 lm/m • 918 lm/ft
Input voltage Tensione di ingresso	24 V DC	24 V DC	24 V DC

Light Luce

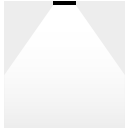
Medium 30°



	182 LED/m • 55 LED/ft	182 LED/m • 55 LED/ft	182 LED/m • 55 LED/ft
Light source Sorgente luminosa	182 LED/m • 55 LED/ft	182 LED/m • 55 LED/ft	182 LED/m • 55 LED/ft
Power consumption Consumo energia	9,5 W/m • 2,9 W/ft	15,7 W/m • 4,8 W/ft	19,6 W/m • 6,0 W/ft
CCT K	● 1800 ● 2500 ● 3500 ● 2000 ● 2700 ● 4000 ● 2200 ● 3000 ● 5000	● 1800 ● 2500 ● 3500 ● 2000 ● 2700 ● 4000 ● 2200 ● 3000 ● 5000	● 1800 ● 2500 ● 3500 ● 2000 ● 2700 ● 4000 ● 2200 ● 3000 ● 5000
CRI R9 Rf @ 3000 K Rg @ 3000 K MacAdam ellipse	Min 90 Min 50 92 100 3	Min 90 Min 50 92 100 3	Min 90 Min 50 92 100 3
Delivered lumen output Flusso luminoso emesso ● 3000 K	↓ Medium 30° – 163 lm/W 1544 lm/m • 471 lm/ft	↓ Medium 30° – 160 lm/W 2517 lm/m • 767 lm/ft	↓ Medium 30° – 152 lm/W 2976 lm/m • 907 lm/ft
Input voltage Tensione di ingresso	24 V DC	24 V DC	24 V DC

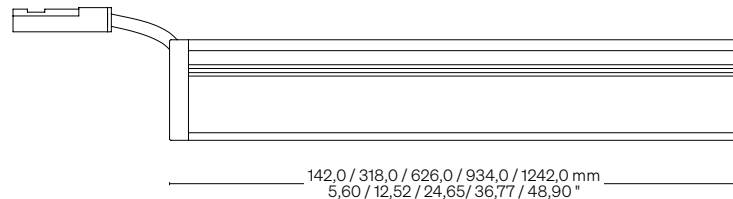
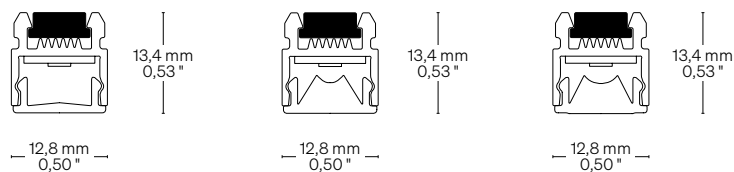
Light Luce

Wide 60°

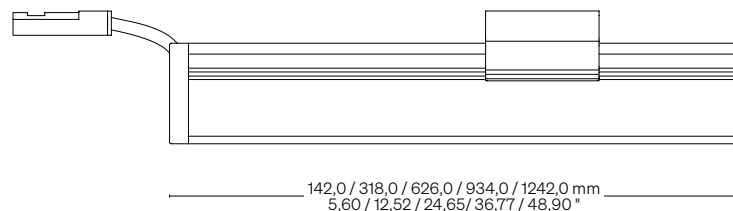
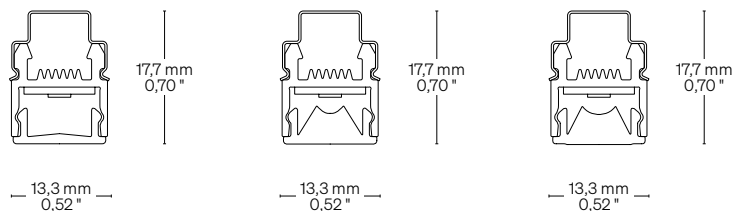


	182 LED/m • 55 LED/ft	182 LED/m • 55 LED/ft	182 LED/m • 55 LED/ft
Light source Sorgente luminosa	182 LED/m • 55 LED/ft	182 LED/m • 55 LED/ft	182 LED/m • 55 LED/ft
Power consumption Consumo energia	9,5 W/m • 2,9 W/ft	15,7 W/m • 4,8 W/ft	19,6 W/m • 6,0 W/ft
CCT K	<ul style="list-style-type: none"> ● 1800 ● 2500 ● 3500 ● 2000 ● 2700 ● 4000 ● 2200 ● 3000 ● 5000 	<ul style="list-style-type: none"> ● 1800 ● 2500 ● 3500 ● 2000 ● 2700 ● 4000 ● 2200 ● 3000 ● 5000 	<ul style="list-style-type: none"> ● 1800 ● 2500 ● 3500 ● 2000 ● 2700 ● 4000 ● 2200 ● 3000 ● 5000
CRI	Min 90	Min 90	Min 90
R9	Min 50	Min 50	Min 50
Rf @ 3000 K	92	92	92
Rg @ 3000 K	100	100	100
MacAdam ellipse	3	3	3
Delivered lumen output Flusso luminoso emesso ● 3000 K	↓ Wide 60° – 165 lm/W 1572 lm/m • 479 lm/ft	↓ Wide 60° – 163 lm/W 2563 lm/m • 781 lm/ft	↓ Wide 60° – 155 lm/W 3030 lm/m • 924 lm/ft
Input voltage Tensione di ingresso	24 V DC	24 V DC	24 V DC

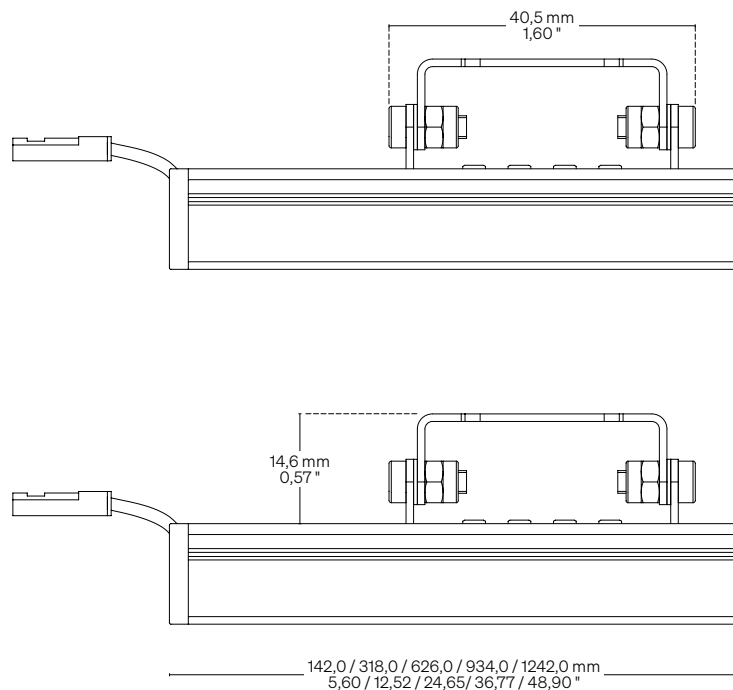
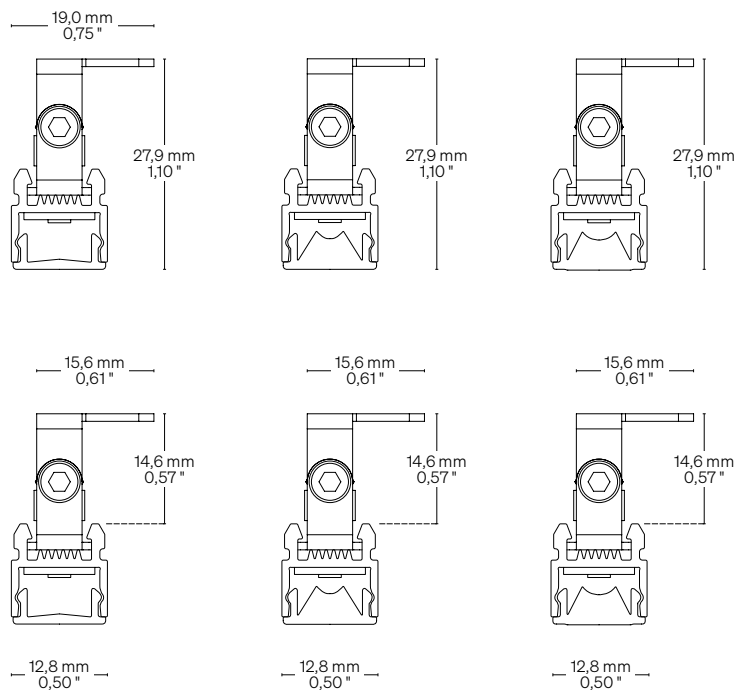
TAM Caps + Magnets
Tappi + Magneti



TAC Caps + Steel clips
Tappi + Clip in acciaio

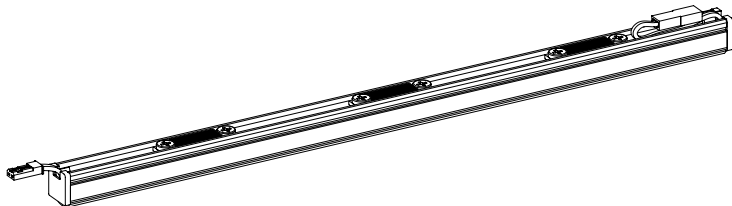


TCA Caps + Adjustable brackets
Tappi + Staffe orientabili

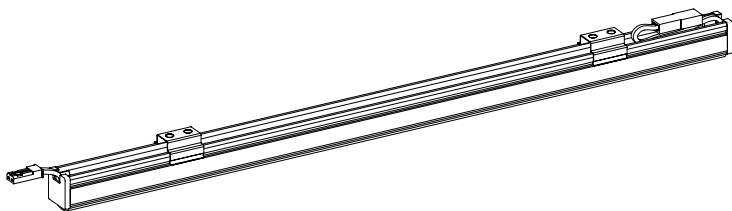


Fastening options Opzioni di fissaggio

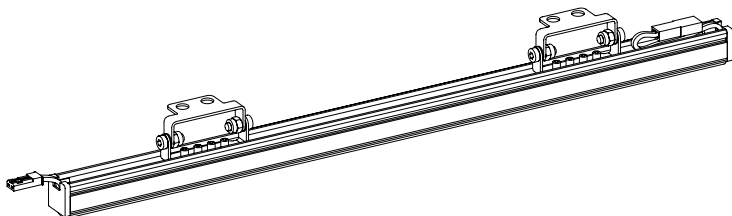
TAM Caps + Magnets
Tappi + Magneti



TAC Caps + Steel clips
Tappi + Clip in acciaio



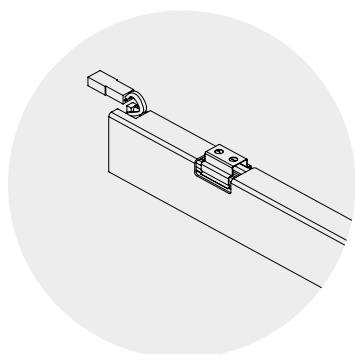
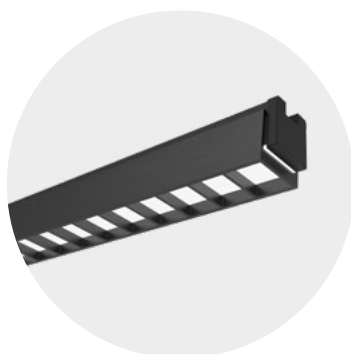
TCA Caps + Adjustable brackets
Tappi + Staffe orientabili



Accessories Accessori

Louvers • Pending (See page 18)
Louvers • Pending (Vedi pagina 18)

Eyelid (See page 18)
Palpebra (Vedi pagina 18)



Order code Codice ordine

Basic code Codice baset	LL	LLS (Lens Light System)
Light source Sorgente luminosa	F1829	182 LED/m • 55 LED/ft 9,5 W/m • 2,9 W/ft
	F18215	182 LED/m • 55 LED/ft 15,7 W/m • 4,8 W/ft
	F18220	182 LED/m • 55 LED/ft 19,6 W/m • 6,0 W/ft
CCT K CCT K	WW18	● 1800 K
	WW20	● 2000 K
	WW22	● 2200 K
	WW25	● 2500 K
	WW27	● 2700 K
	WW30	● 3000 K
	NW35	● 3500 K
	NW	● 4000 K
	CW	● 5000 K
Fastening options Opzioni di fissaggio	TAM	Caps + Magnets Tappi + Magneti
	TAC	Caps + Steel clips Tappi + Clip in acciaio
	TCA	Caps + Adjustable brackets Tappi + Staffe orientabili
Screen Schermo	D	Diffused 120°
	M	Medium 30°
	L	Wide 60°
Accessories Accessori	E	Eyelid/Palpebra
	LV	Louvers/Louvers • Pending

Order example
Esempio ordine

LL 142 F1829 WW18 TAM D E

LLS, 142,0 mm • 5,60",
182 LED/m • 55 LED/ft,
9,5 W/m • 2,9 W/ft, Warm White 1800,
Caps + Magnets, Diffused 120°, Eyelid

LLS, 142,0 mm, 182 LED/m, 9,5 W/m,
Warm White 1800, Tappi + Magneti,
Diffused 120°, Palpebra

LLS • Oval



Body Corpo

Symmetrical linear profile

Profilo lineare simmetrico

Fastening Fissaggio	Caps + Magnets Caps + Steel clips Caps + Adjustable brackets	Tappi + Magneti Tappi + Clip in acciaio Tappi + Staffe orientabili
Screen Schermo	OVAL (25°×70°)	OVAL (25°×70°)
Wiring set Cavo alimentazione	2000 mm • 78,74 "	2000 mm
Ordering length Lunghezza ordinabile	Up to 3000 mm • 118,10 "	Fino a 3000 mm
Finishing Finitura	● Grey anodized (Standard) → On request other finishes	● Anodica grigia (Standard) → Su richiesta altre finiture

Listings and marks

Certificazioni e marchi



Where we produce

Dove produciamo

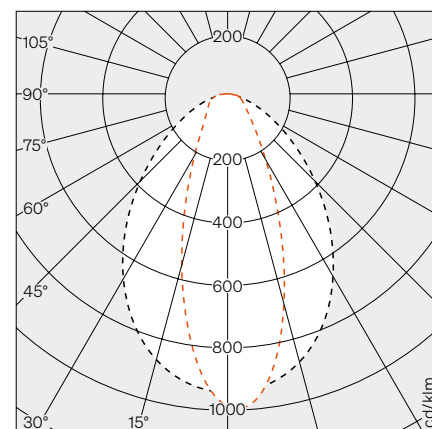
Made in Italy

LED (See page 20)

LED (Vedi pagina 20)



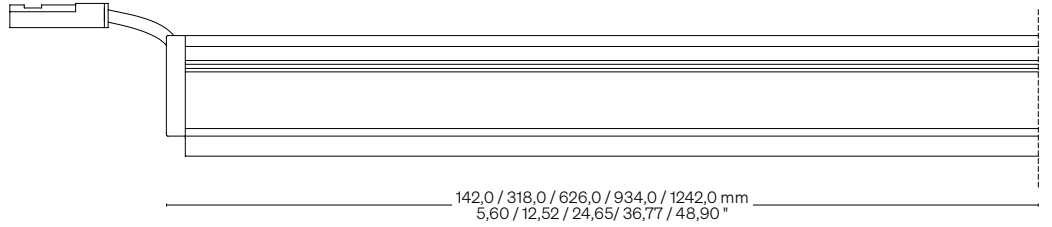
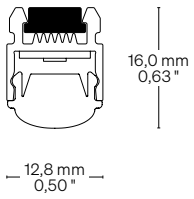
Light distributions Distribuzione della luce



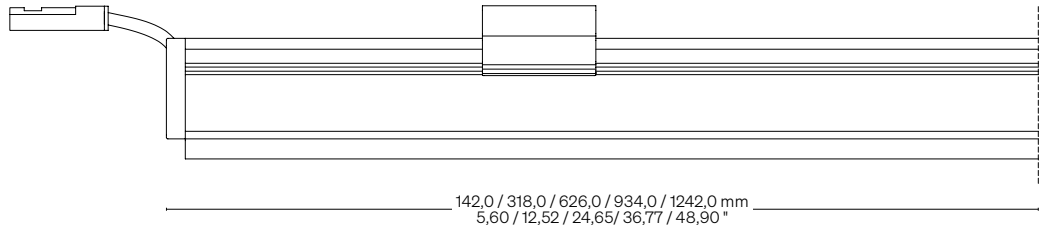
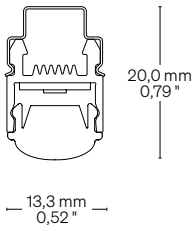
Light Luce

Light source Sorgente luminosa	182 LED/m • 55 LED/ft	182 LED/m • 55 LED/ft	182 LED/m • 55 LED/ft
Power consumption Consumo energia	9,5 W/m • 2,9 W/ft	15,7 W/m • 4,8 W/ft	19,6 W/m • 6,0 W/ft
CCT K	● 1800 ● 2500 ● 3500 ● 2000 ● 2700 ● 4000 ● 2200 ● 3000 ● 5000	● 1800 ● 2500 ● 3500 ● 2000 ● 2700 ● 4000 ● 2200 ● 3000 ● 5000	● 1800 ● 2500 ● 3500 ● 2000 ● 2700 ● 4000 ● 2200 ● 3000 ● 5000
CRI	Min 90	Min 90	Min 90
R9	Min 50	Min 50	Min 50
Rf @ 3000 K	92	92	92
Rg @ 3000 K	100	100	100
MacAdam ellipse	3	3	3
Delivered lumen output Flusso luminoso emesso ● 3000 K	↓ Oval – 153 lm/W 1454 lm/m • 443 lm/ft	↓ Oval – 150 lm/W 2355 lm/m • 718 lm/ft	↓ Oval – 149 lm/W 2915 lm/m • 889 lm/ft
Input voltage Tensione di ingresso	24 V DC	24 V DC	24 V DC

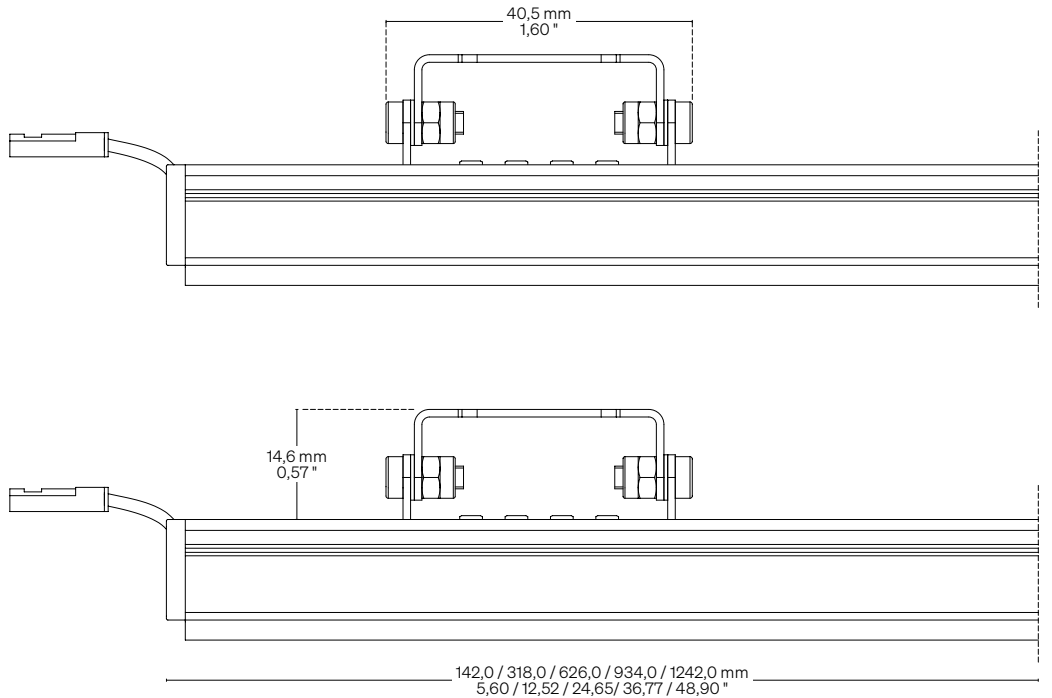
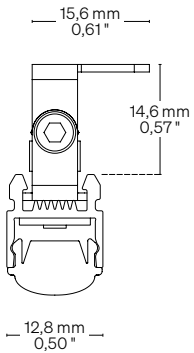
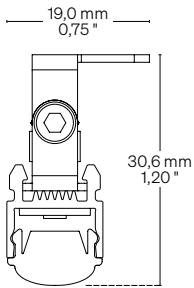
TAM Caps + Magnets
Tappi + Magneti



TAC Caps + Steel clips
Tappi + Clip in acciaio

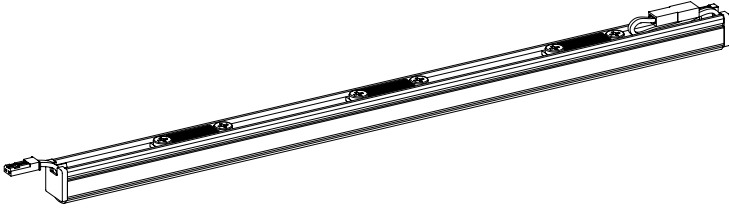


TCA Caps + Adjustable brackets
Tappi + Staffe orientabili

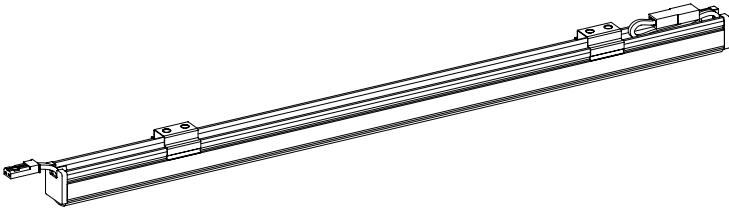


Fastening options Opzioni di fissaggio

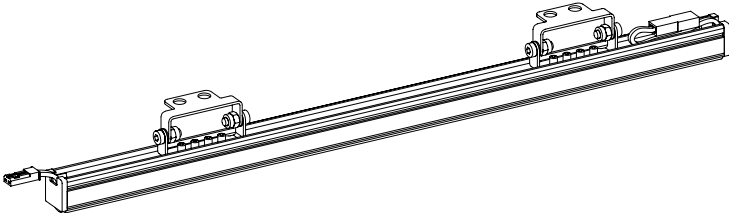
TAM Caps + Magnets
Tappi + Magneti



TAC Caps + Steel clips
Tappi + Clip in acciaio



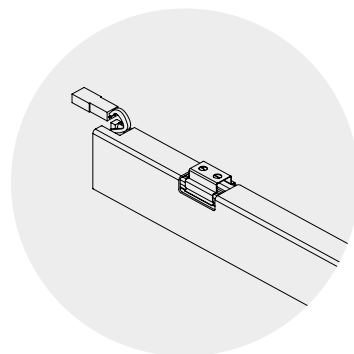
TCA Caps + Adjustable brackets
Tappi + Staffe orientabili



Accessories Accessori

Louvers • Pending (See page 18)
Louvers • Pending (Vedi pagina 18)

Eyelid (See page 18)
Palpebra (Vedi pagina 18)



Order code Codice ordine

Basic code Codice base	LL	LLS (Lens Light System)
Light source Sorgente luminosa	F1829	182 LED/m • 55 LED/ft 9,5 W/m • 2,9 W/ft
	F18215	182 LED/m • 55 LED/ft 15,7 W/m • 4,8 W/ft
	F18220	182 LED/m • 55 LED/ft 19,6 W/m • 6,0 W/ft
CCT K CCT K	WW18	● 1800 K
	WW20	● 2000 K
	WW22	● 2200 K
	WW25	● 2500 K
	WW27	● 2700 K
	WW30	● 3000 K
	NW35	● 3500 K
	NW	● 4000 K
	CW	● 5000 K
Fastening options Opzioni di fissaggio	TAM	Caps + Magnets Tappi + Magneti
	TAC	Caps + Steel clips Tappi + Clip in acciaio
	TCA	Caps + Adjustable brackets Tappi + Staffe orientabili
Screen Schermo	O	OVAL (25°×70°)
Accessories Accessori	E	Eyelid/Palpebra
	LV	Louvers/Louvers • Pending

Order example
Esempio ordine

LL 142 F1829 WW18 TAM O E

LLS, 142,0 mm • 5,60",
182 LED/m • 55 LED/ft,
9,5 W/m • 2,9 W/ft, Warm White 1800,
Caps + Magnets, OVAL (25°×70°), Eyelid

LLS, 142,0 mm, 182 LED/m, 9,5 W/m,
Warm White 1800, Tappi + Magneti,
OVAL (25°×70°), Palpebra

LLS • Wall Washer



Body Corpo

Symmetrical linear profile

Profilo lineare simmetrico

Fastening Fissaggio	Caps + Magnets Caps + Steel clips Caps + Adjustable brackets	Tappi + Magneti Tappi + Clip in acciaio Tappi + Staffe orientabili
Screen Schermo	Wall Washer	Wall Washer
Wiring set Cavo alimentazione	2000 mm • 78,74 "	2000 mm
Ordering length Lunghezza ordinabile	Up to 3000 mm • 118,10 "	Fino a 3000 mm
Finishing Finitura	● Grey anodized (Standard) → On request other finishes	● Anodica grigia (Standard) → Su richiesta altre finiture

Listings and marks

Certificazioni e marchi



Where we produce

Dove produciamo

Made in Italy

LED (See page 20)

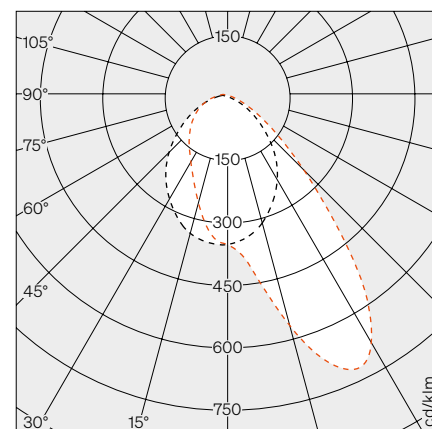
LED (Vedi pagina 20)



Light distributions Distribuzione della luce



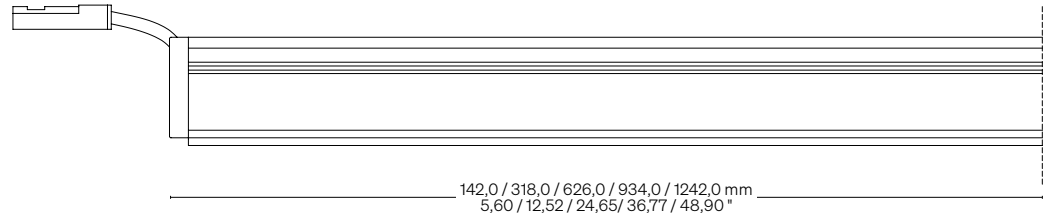
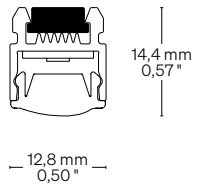
Wall Washer



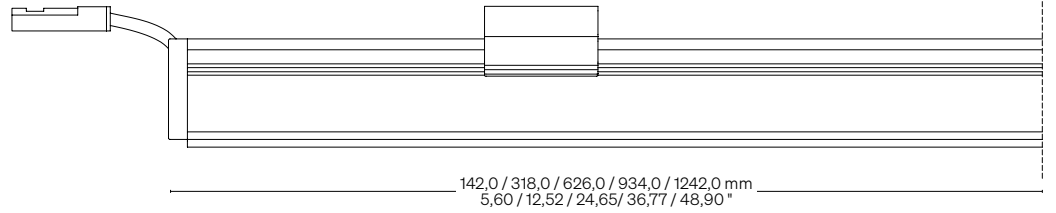
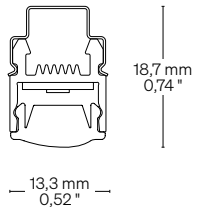
Light Luce

Light source Sorgente luminosa	182 LED/m • 55 LED/ft	182 LED/m • 55 LED/ft	182 LED/m • 55 LED/ft
Power consumption Consumo energia	9,5 W/m • 2,9 W/ft	15,7 W/m • 4,8 W/ft	19,6 W/m • 6,0 W/ft
CCT K	● 1800 ● 2500 ● 3500 ● 2000 ● 2700 ● 4000 ● 2200 ● 3000 ● 5000	● 1800 ● 2500 ● 3500 ● 2000 ● 2700 ● 4000 ● 2200 ● 3000 ● 5000	● 1800 ● 2500 ● 3500 ● 2000 ● 2700 ● 4000 ● 2200 ● 3000 ● 5000
CRI	Min 90	Min 90	Min 90
R9	Min 50	Min 50	Min 50
Rf @ 3000 K	92	92	92
Rg @ 3000 K	100	100	100
MacAdam ellipse	3	3	3
Delivered lumen output Flusso luminoso emesso ● 3000 K	↓ Wall Washer – 145 lm/W 1378 lm/m • 420 lm/ft	↓ Wall Washer – 147 lm/W 2308 lm/m • 704 lm/ft	↓ Wall Washer – 151 lm/W 2959 lm/m • 902 lm/ft
Input voltage Tensione di ingresso	24 V DC	24 V DC	24 V DC

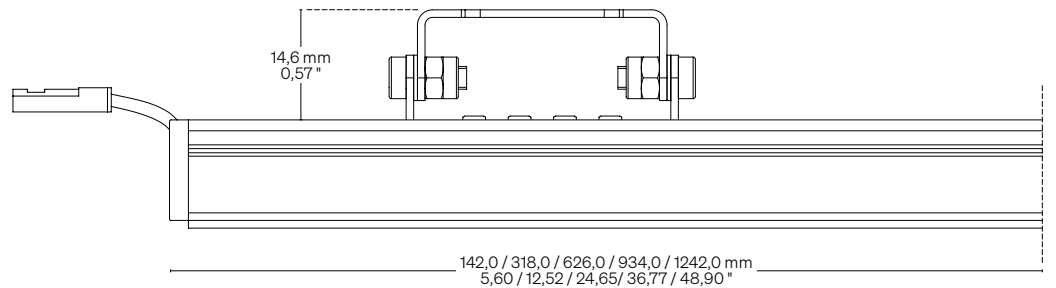
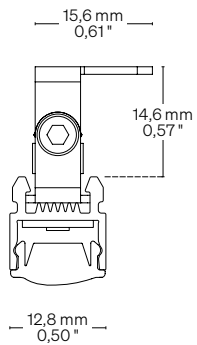
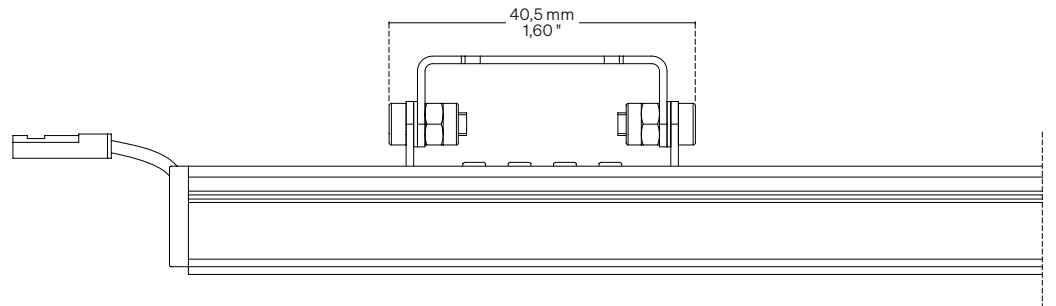
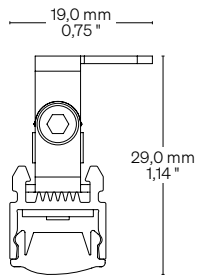
TAM Caps + Magnets
Tappi + Magneti



TAC Caps + Steel clips
Tappi + Clip in acciaio

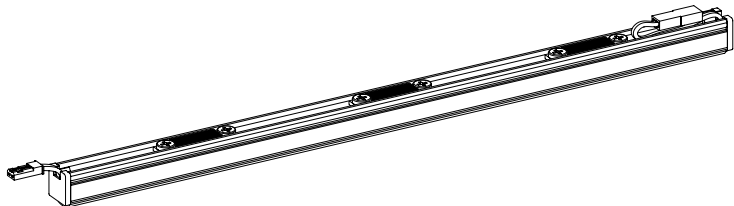


TCA Caps + Adjustable brackets
Tappi + Staffe orientabili

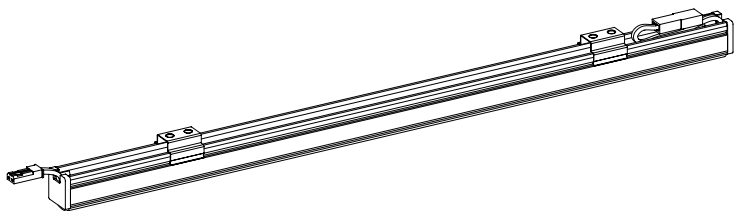


Fastening options Opzioni di fissaggio

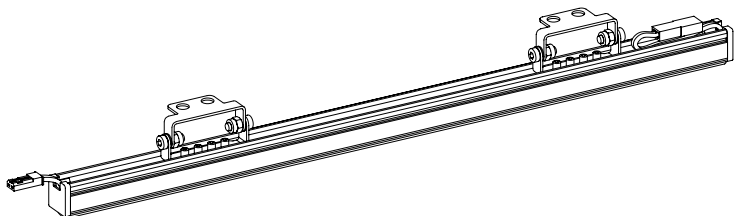
TAM Caps + Magnets
Tappi + Magneti



TAC Caps + Steel clips
Tappi + Clip in acciaio

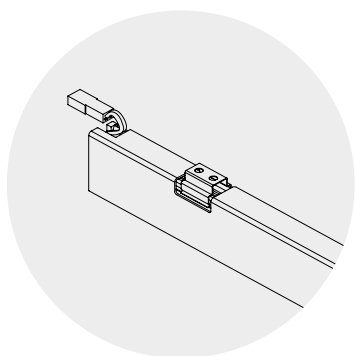


TCA Caps + Adjustable brackets
Tappi + Staffe orientabili



Accessories Accessori

Eyelid (See page 18)
Palpebra (Vedi pagina 18)



Order code Codice ordine

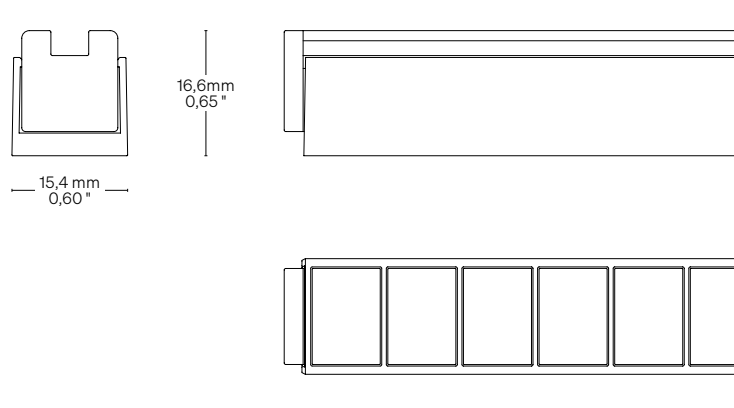
Basic code Codice base	• LL LLS (Lens Light System)
Light source Sorgente luminosa	• F1829 182 LED/m • 55 LED/ft 9,5 W/m • 2,9 W/ft • F18215 182 LED/m • 55 LED/ft 15,7 W/m • 4,8 W/ft • F18220 182 LED/m • 55 LED/ft 19,6 W/m • 6,0 W/ft
CCT K CCT K	• WW18 ● 1800 K • WW20 ● 2000 K • WW22 ● 2200 K • WW25 ● 2500 K • WW27 ● 2700 K • WW30 ● 3000 K • NW35 ● 3500 K • NW ● 4000 K • CW ● 5000 K
Fastening options Opzioni di fissaggio	• TAM Caps + Magnets Tappi + Magneti • TAC Caps + Steel clips Tappi + Clip in acciaio • TCA Caps + Adjustable brackets Tappi + Staffe orientabili
Screen Schermo	• A Wall Washer
Accessories Accessori	• E Eyelid/Palpebra
Order example Esempio ordine	• LL 142 F1829 WW18 TAM A E LLS, 142,0 mm • 5,60", 182 LED/m • 55 LED/ft, 9,5 W/m • 2,9 W/ft, Warm White 1800, Caps + Magnets, Wall Washer, Eyelid LLS, 142,0 mm, 182 LED/m, 9,5 W/m, Warm White 1800, Tappi + Magneti, Wall Washer, Palpebra

Accessories Accessori

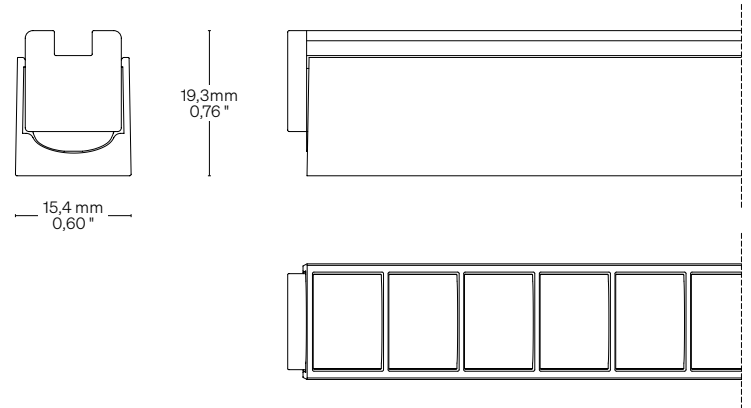
Louvers Louvers

Scale/Scala 1:1

↓ Louvers for LLS • Pending • Diffused, Medium and Wide
Louvers specifico per LLS • Pending • Diffused, Medium e Wide



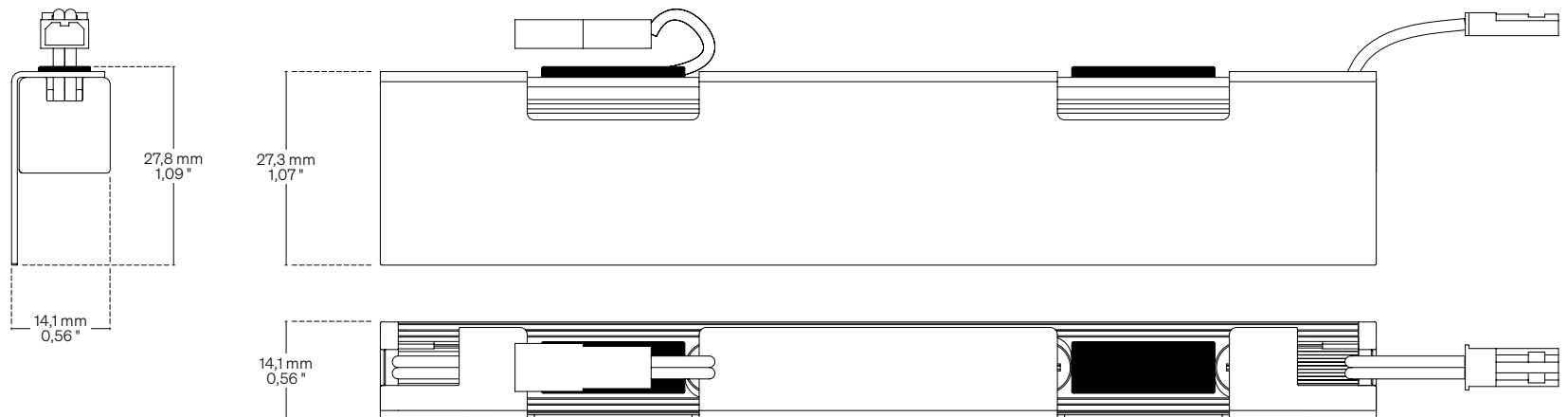
↓ Louvers for LLS • Pending • Oval
Louvers specifico per LLS • Pending • Oval



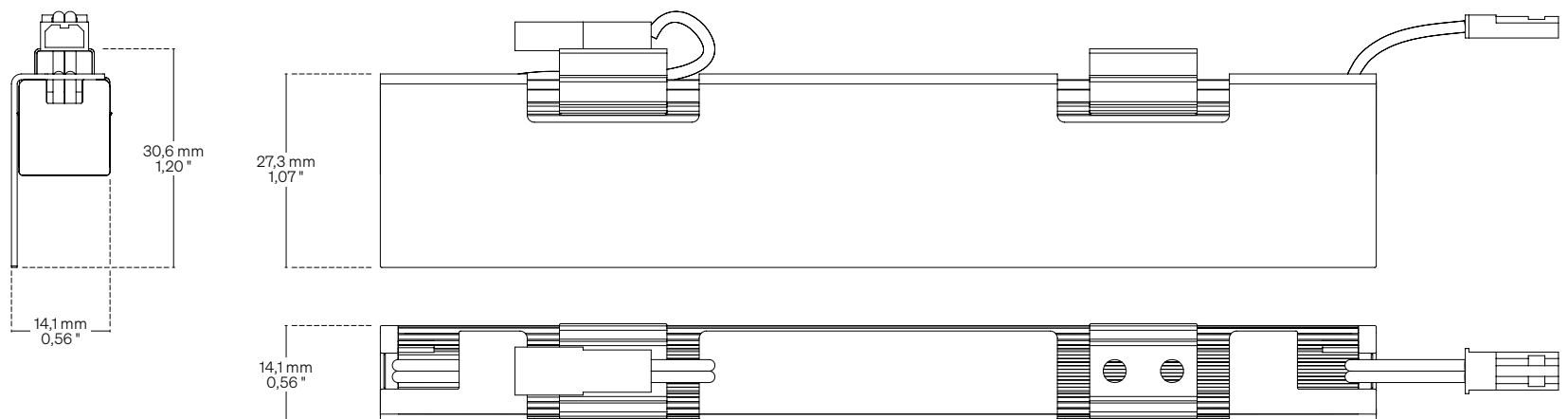
Eyelid (Only for TAM and TAC) Palpebra (Solo per TAM e TAC)

Scale/Scala 1:1

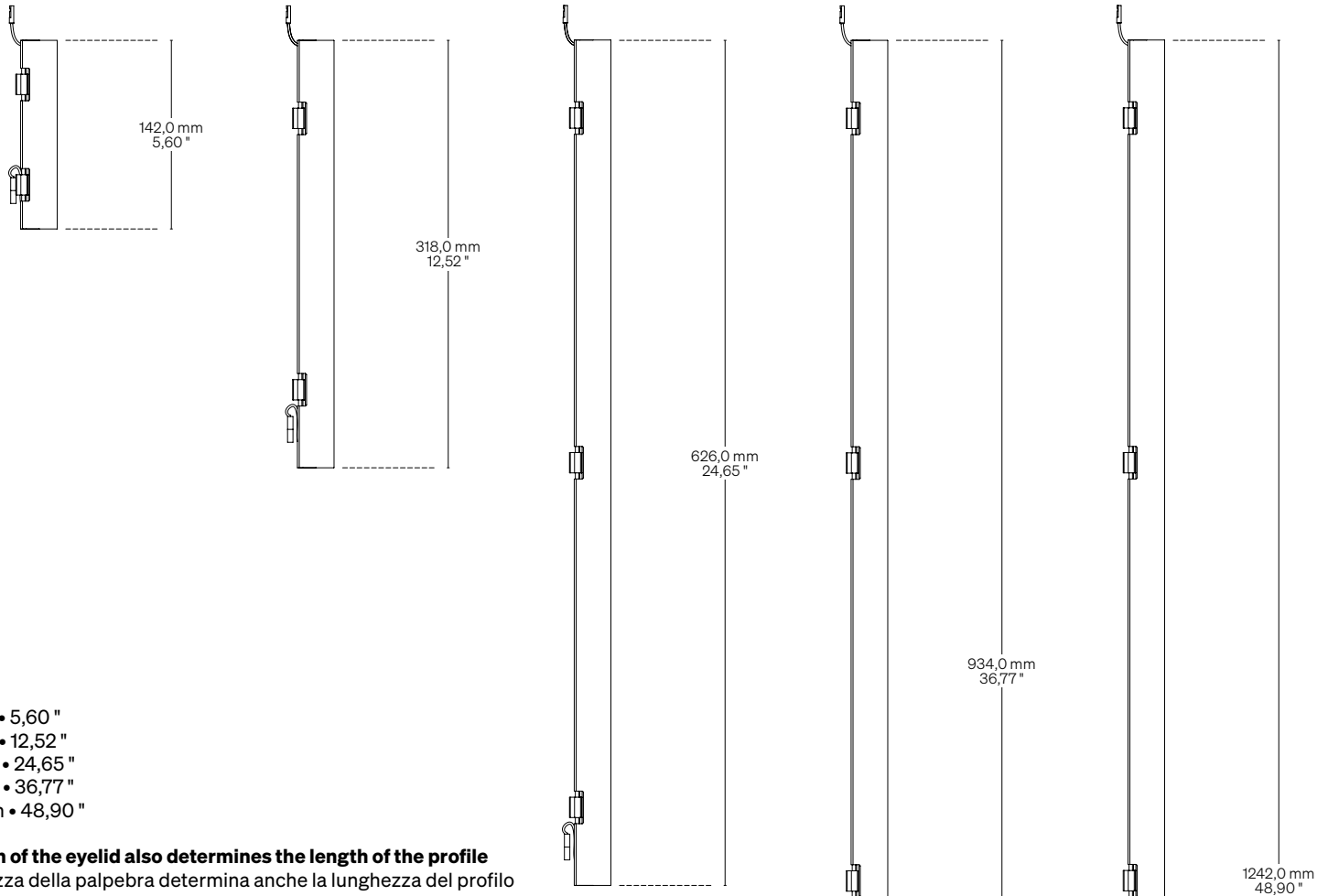
TAM Caps + Magnets
Tappi + Magneti



TAC Caps + Steel clips
Tappi + Clip in acciaio



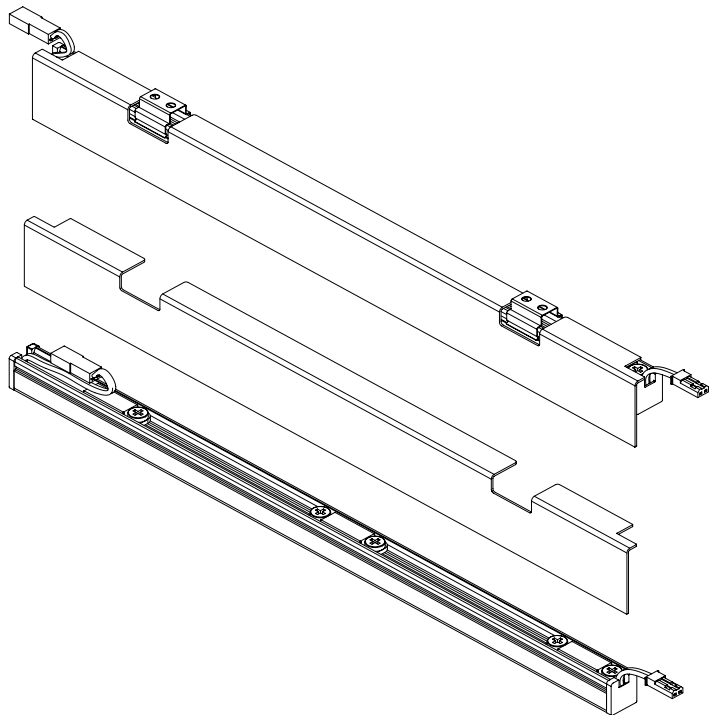
Eyelid modul available sizes Dimensioni disponibili per i moduli palpebra



- 142,0 mm • 5,60 "
- 318,0 mm • 12,52 "
- 626,0 mm • 24,65 "
- 934,0 mm • 36,77 "
- 1242,0 mm • 48,90 "

The length of the eyelid also determines the length of the profile
 La lunghezza della palpebra determina anche la lunghezza del profilo

Eyelid mounting detail Dettaglio di montaggio della palpebra

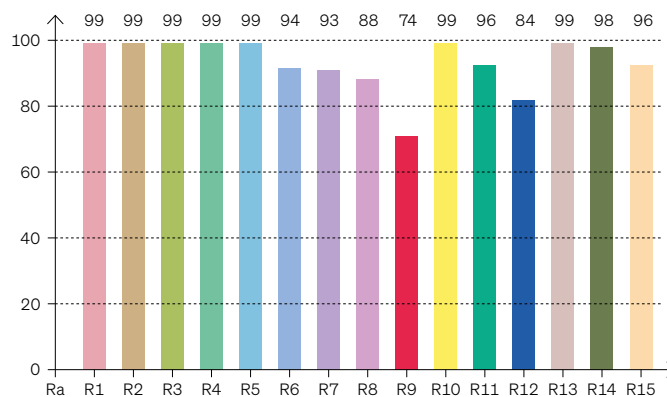


CRI Typical* CRI Tipici*



R9050 – H6 • 3SDCM
High Efficacy
 ● 3000 K

CRI: 94,5 (R1-R8)



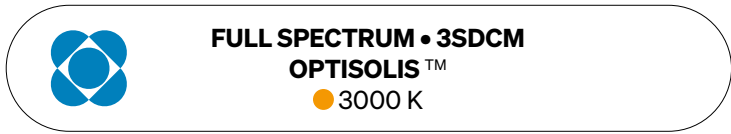
* Values taken from sample measurements
 * Valori presi da misurazioni a campione

CRI Values Valori CRI

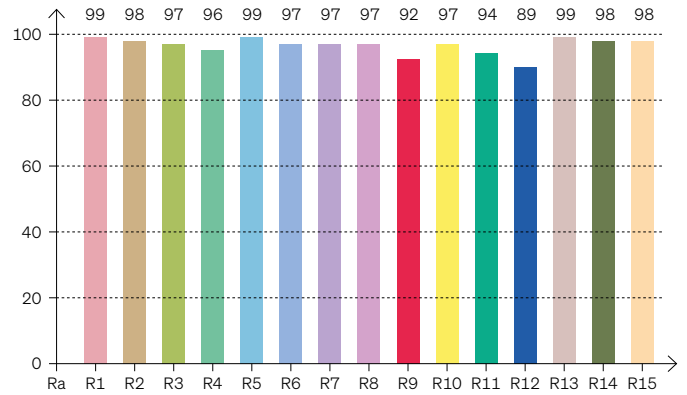
CRI	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	CCT K
94,4	99	99	99	99	99	94	93	88	74	99	96	84	99	98	96	● 3000 K

Color Parameters Parametri del colore

Color Temperature	Color Rendering Index	Red Component	Color Fidelity	Color Gamut	Color Quality Scale	Color Coordinate CIE 1931	Color Coordinate CIE 1931	Color Coordinate	Color Coordinate	Color Diviation from Black Body
CCT K	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	X	Y	U	V	ΔUV
3042 K	96,2	74,4	92,2	100,5	92,9	0,441	0,399	0,255	0,347	-0,0009



CRI: 97,6 (R1-R8)



* Values taken from sample measurements
* Valori presi da misurazioni a campione

CRI Values Valori CRI

CRI	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	CCT K
97,6	99	98	97	96	99	97	97	97	92	97	94	89	99	98	98	● 3000 K

Color Parameters Parametri del colore

Color Temperature	Color Rendering Index	Red Component	Color Fidelity	Color Gamut	Color Quality Scale	Color Coordinate CIE 1931	Color Coordinate CIE 1931	Color Coordinate	Color Coordinate	Color Diviation from Black Body
CCT K	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	X	Y	U	V	ΔUV
3491 K	97,6	92,2	95,2	102,7	96,5	0,404	0,386	0,237	0,339	-0,0019

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