

REMSA BAR

Barra led rigida di alta qualità su circuiti stampati con led 3030 SMD/m per effetto radente, con ottiche da 20°, 60°, ellittica 2545

High quality rigid LED bar on printed circuit boards with led 3030 SMD/m, for grazing effect with 20°, 60°, elliptical 2545 optics



DIMENSIONI / SIZE

REMSA BAR 166 (2700/3000/4000K)

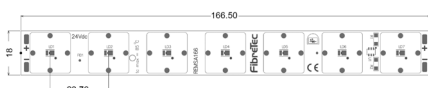
Larghezza 18 mm, altezza 9 mm (con ottica)
Lunghezza modulo: 166 mm
Width 18 mm, height 9 mm. (with optic)
Module length: 166 mm

REMSA BAR 500 (2700/3000/4000K)

Larghezza 18 mm, altezza 9 mm (con ottica)
Lunghezza modulo: 500 mm
Width 18 mm, height 9 mm. (with optic)
Module length: 500 mm

REMSA BAR 250 (RGBW)

Larghezza 18 mm, altezza 9 mm (con ottica)
Lunghezza modulo: 250 mm
Width 18 mm, height 9 mm. (with optic)
Module length: 250 mm



RemsaBar 3000/4000K

GRADO DI PROTEZIONE / LEVEL OF PROTECTION

IP 20 - IP65 (con trattamento resinatura da applicare sul profilo in alluminio)

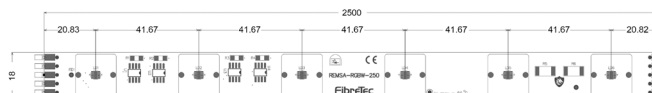
IP 20 - IP65 (with resin layer to be applied on the aluminium profile)

PROPRIETÀ MECCANICHE/ MECHANICAL PROPERTIES

Termica protezione on-board.
Autoadesivo 3M sul lato posteriore
Thermal protection on board
Self-adhesive 3M tape at the backside

PROFILI PER MONTAGGIO PROFILES FOR ASSEMBLY

BASE REMSA 240 P (+ Cop Trasp)
Con trattamento di resinatura per installazioni in esterno
With resin treatment for outdoor installations



RemsaBar RGBW

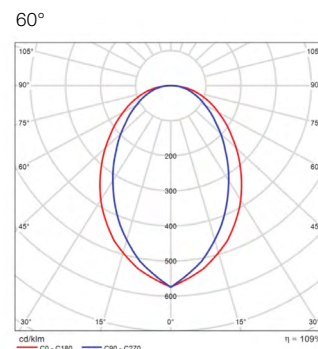
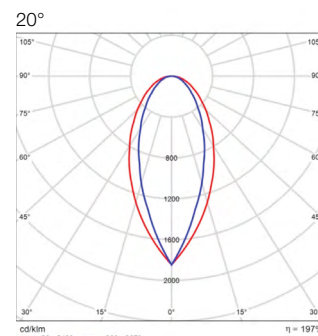
DATI ILLUMINOTECNICI ED ELETTRICI / LIGHTING AND ELECTRICAL DATA

Parametri illuminotecnici elettrici ed ottici, secondo norma CEI EN 62722-2-1

Electrical and optical lighting parameters, according to the CEI EN 62722-2-1 standard

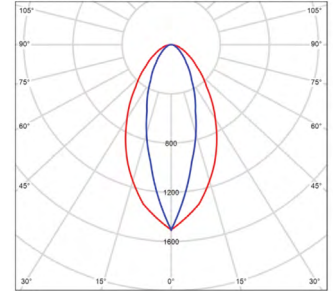
Ottiche	Optics	Ø16 x H8mm
		20°
		60°
		elliptical 2545
Indice di resa cromatica Ra	Color Rendering coefficient Ra	≥ 90
Deviazione cromatica Step MacAdam	Color deviation Step MacAdam	3
Voltaggio	Voltage	24V DC
REMSA BAR 166		
N° led		7
Temperatura di colore CCT	Color temperature CCT	3000K
**Flusso luminoso ottiche 20°	**Luminous flux optics 20°	469 lm
**Flusso luminoso ottiche 60°	**Luminous flux optics 60°	299 lm
**Flusso luminoso ottiche 2545°	**Luminous flux optics 2545°	292 lm
Potenza	Power	6 W
Efficienza luminosa lm/W	Luminous efficiency lm/W	48 lm/W
REMSA BAR 500		
Temperatura di colore	Color temperature	4000K
Potenza	Power	6 W
**Flusso luminoso ottiche 20°	**Luminous flux optics 20°	516 lm
**Flusso luminoso ottiche 60°	**Luminous flux optics 60°	329 lm
**Flusso luminoso ottiche 2545°	**Luminous flux optics 2545°	321 lm
Potenza	Power	6 W
Efficienza luminosa lm/W	Luminous efficiency lm/W	53 lm/W

CDL polare
CDL polar



		REMSA BAR 500
N° led		21
Temperatura di colore CCT	Color temperature CCT	3000K
**Flusso luminoso ottiche 20°	**Luminous flux optics 20°	1010 lm
**Flusso luminoso ottiche 60°	**Luminous flux optics 60°	898 lm
**Flusso luminoso ottiche 2545°	**Luminous flux optics 2545°	877 lm
Potenza	Power	18 W
Efficienza luminosa lm/W	Luminous efficiency lm/W	48 lm/W
Temperatura di colore	Color temperature	4000K
**Flusso luminoso ottiche 20°	**Luminous flux optics 20°	1550 lm
**Flusso luminoso ottiche 60°	**Luminous flux optics 60°	988 lm
**Flusso luminoso ottiche 2545°	**Luminous flux optics 2545°	965 lm
Potenza	Power	18 W
Efficienza luminosa lm/W	Luminous efficiency lm/W	53 lm/W
		REMSA BAR 250 RGBW
Led		n°6 ProLight PBLB series
Temperatura di colore CCT	Color temperature CCT	RGBW
Red - lunghezza d'onda	Wave Length	620-630nm
Green - lunghezza d'onda	Wave Length	520-530nm
Blue - lunghezza d'onda	Wave Length	450-460nm
White		3000K
**Red - flusso luminoso	**Luminous flux Red	110 lm
**Green - flusso luminoso	**Luminous flux Green	230 lm
**Blue - flusso luminoso	**Luminous flux Blue	41 lm
**White - flusso luminoso	**Luminous flux White	170 lm
Potenza	Power	17,5 W
Temp.Tc@Ta 25°C	Temp.Tc@Ta 25°C	85°C
Temperatura standard ambiente esercizio:	Operating temperature	-20° +45°
Lifetime (Ta 25°C)	Lifetime (Ta 25°C)	L80B20 > 50.000h

elliptical 3050



**** Flusso luminoso misurato a T=85° con modulo led montato su profilo + schermo trasparente**
**** Luminous flux measured at T=85° with led module mounted on profile + transparent screen**

Superare la tensione max. di lavoro porta ad un sovraccarico delle strip. Questo può tradursi in una significativa riduzione della durata di vita o nella loro distruzione

Exceeding the max. operating voltage leads to an overload on the strip. This may in turn result in a significant reduction in lifetime or even in destruction

Alimentatori a tensione costante da ordinare separatamente disponibili sia IP20 che IP67 idonei per installazione in esterni. Disponibile interfaccia di dimmerazione DALI/DMX/0-10V/ 1-10V

Constant voltage ballasts to be ordered separately, both IP20 and IP67 are available and suitable for outdoor installation. DALI/DMX/0-10V/ 1-10V dimming interface available

CERTIFICAZIONI / CERTIFICATIONS

- Soddisfa EN60598-1 e relative note
- CE - conforme EN 60598-1
- Norma CEI 34-156 Classe di isolamento: III
- Norma CEI 64-8 e relativi varianti: prodotto può essere installato su superfici infiammabili
- Conforme alla direttive RAEE - D.lgs 49/2014
- Conforme IEC 62031, IEC 61000-4-2
- IEC/EN 62471:2010 Rischio fotobiologico: RG 0

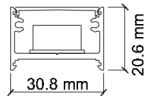
Satisfies EN60598-1 and related notes
 CE - compliance to EN 60598-1
 CEI 34-156 Insulation class: III
 CEI 64-8 and variants: product can be installed on flammable surfaces
 Compliance to the directive RAEE - D.lgs 49/2014
 Compliance to IEC 62031, IEC 61000-4-2
 IEC/EN 62471:2010 Photobiological risk: RG 0

PROFILO PER MONTAGGIO / PROFILES FOR ASSEMBLY

BASE REMSA 240P

DIMENSIONI / SIZE

Profilo 30.8mm x 20.6 mm
Lunghezza personalizzabile fino a 3m
Profile width 30,8 mm x 20.6mm
Length customizable up to 3m



FINITURA / FINISHING

Color argento anodizzato (G) verniciatura bianco RAL 9016 (B)
Noir 100 Sable (N)
White Ral 9016 (B) / Anodised silver (G) / Noir 100 Sable (N)

GRADO DI PROTEZIONE / LEVEL OF PROTECTION

IP65 (con trattamento resinatura da applicare sul profilo in alluminio)
IP65 (with resin layer to be applied on the aluminium profile)

INSTALLAZIONE / INSTALLATION

Fissaggio tramite clip
Fixing with clip

LUNGHEZZA CAVO / LEVEL OF PROTECTION

Apparecchio fornito con cavo 0.30m
Standard - uscita dal retro
Opzionale - uscita di testa attraverso tappo preforato e passacavo
Luminaire supplied with 0.30m cable
Standard - rear exit
Optional - top exit through pre-drilled stopper and grommet

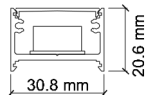


immagine indicativa profilo completo per installazioni in esterni
indicative full profile image for outdoor installations

COPERTURE / COVER

COP PCF 240 TRASP

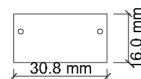
Copertura piatta in policarbonato trasparente
Lunghezza personalizzabile max 3m
Flat polycarbonate transparent cover.
Customizable up to 3m



TAPPI / CAPS

END CAP 240 P

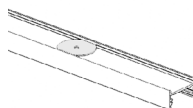
Tappo di chiusura in alluminio
Dimensioni: 30.8 x 16 x sp.2 mm.
Stessa finitura della lampada
Sealing stopper
Dimensions: 30.8 x 16 x sp.2 mm.
Same finish as the lamp



FISSAGGIO / FIXING

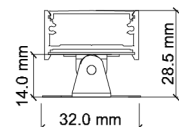
CLIP REMSA 240P

Clip di fissaggio a plafone per Base Remsa 240 P
Ceiling fixing clip for Remsa Base 240 P

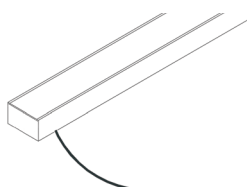


CLIP REMSA ORIENTA 240P

Clip di fissaggio orientabile per Base Remsa 240 P
Adjustable fixing clip for Remsa Base 240 P

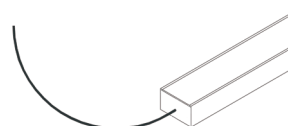


CABLAGGI / WIRINGS



Standard

A - uscita cavo retro con 30cm cavo
(a richiesta fornibile con lunghezze cavo personalizzabili)
A - wiring from behind with cable 30cm
(available on request with customizable cable lengths)



B - uscita cavo testa con passacavo con 30cm cavo (a richiesta fornibile con lunghezze cavo personalizzabili)
B - top exit through pre-drilled stopper and grommet with cable 30cm
(available on request with customizable cable lengths)

RESINATURA / PRIMMING OF RESIN LAYER ON STRIPLED

Trattamento che garantisce una protezione IP68 mediante una resina bi-componente a base poliuretanica, autolivellante, inodore, trasparente, che polimerizza a temperatura ambiente. Compatibile con un'ampia gamma di materiali quali circuiti stampati rigidi-flessibili, led, componenti elettronici in genere, termoplastiche, plastiche termoindurenti, acciaio, alluminio, cemento, legno e vetro.

Processing that guarantees IP68 protection through bi-component polyurethane resin, self-leveling, odorless, transparent, which cures at ambient temperature.

Compatible with a wide range of materials such as rigid-flexible printed circuit boards, led, general electronic components, thermoplastics, thermosetting plastics, steel, aluminium, cement, wood and glass.

RESIN TEST REPORT	REF. METHOD	TEST CONDITIONS	RESULTS
OUTDOOR RESISTANCE			
Florida Test	SAE J 1976	Direct Inland ,45°South	Good (after 2 years)
Arizona Test	SAE J 1976	Direct Weathering, 45° South	Good (after 2 years)
Xenon WOM	SAE J 1960-89 2000h	65°C - cycle 102minUV + 18 min. UV/waterspray	No color change, minimal gloss change
Weatherometer QUV-B	SAE J 2020	1000h (8hUV 60°-4hcond.50°C)	No color change, minimal gloss change
Weatherometer QUV-A	SAE J 2020	2000h (8hUV 70°-4hcond.50°C)	No color change, minimal gloss change
WATER AND CHEMICALS RESISTANCE			
Fuel Resistance	G.M.6073	Immersion	No gloss change/No degradation
Acid Resistance	MS-CG12	Spot Test 0.5-10% conc.	No gloss change/No degradation
Solvent Resistance	GM 6121 M	Various types of used chemicals	No gloss change/No degradation
Water Immersion	WSK-M3G178	240 h.@ 45°C	No gloss change/No degradation
Salt Spray Resistance	ASTM B117-95	2000 h @38°C 5% NaCl	No gloss change/No degradation
Humidity Resistance	MS-CG12	250h @ 40°C 100% R.H.	No gloss change/No degradation
Environmental Cycle	G.M.6073	Three Cycles	No gloss change/No degradation
HEAT RESISTANCE			
Heat Resistance	MS-CG12	250 h @ 80°C	No gloss change/No degradation
High Temperature Resistance	G.M.6073	60 min. @ 93°C	No gloss change/No degradation
Thermal Shock	ESK-M99P16-A:3.5.5	16h. -40°C+ water@70°C/10cycles	No gloss change/No degradation
ABRASION RESISTANCE			
Stone Chip Resistance	SAE J400:85	0.47L of 250-300 graded gravel fired @sample @480KPa in 5-10s	Chipping rating 10- No chipping to substrate
FLAMMABILITY RESISTANCE			
Flammability resistance	FMVSS 302	ISO 3795	Flame self extinguishing
ELECTRICAL PROPERTIES			
Surface Resistivity	ASTM D257	500 V – spec. thickness 2 mm	2 x 10E15 Ohm
Volume Resistivity	ASTM D257	500 V – spec. thickness 2 mm	1 x 10E15 Ohm cm

CODICI / CODE

Codice / Code	T°K	Cablaggio RemsaBar /Wiring RemsaBar
REMSA BAR 166	30	TIP67BAR
REMSA BAR 166	40	
REMSA BAR 500	30	RemsaBar166: n°7 ottiche RemsaBar500: n°21 ottiche RemsaBar250: n°6 ottiche
REMSA BAR 500	40	
REMSA BAR 250	RGBW	RemsaBar166: 7 optics RemsaBar500: 21 optics RemsaBar250: n°6 optics
Ottica/ Optics		
OPT20REMSABAR		
OPT60REMSABAR		
OPT2545REMSABAR		