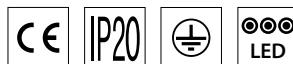




Sigma II LED TW



New LED lighting system designed for inline installation. Sigma LED has been produced for multiple types of diffusers with an emphasis on simplicity of mounting. Sigma system uses modern solution designed by PXF Lighting, merging benefits of LED and traditional louvers, reducing glare rate of the luminaires. It's an elegant and efficient luminaire for lighting offices, conference rooms, receptions and other working spaces.

The tunable white TW versions allows variable colour temperature settings from warm 2700K to cold white 6500K.

Materials: Electrostatically painted aluminum profile (standard color: grey), parabolic louver with microprismatic plate (PAR), microprismatic diffuser (MPRM) made of PMMA or OPAL diffuser made of polycarbonate. DI-IN version: top diffuser - OPAL.

Installation: Suspended, surface mounted (only DI versions)

Accessories: End cap made of PC with logo PXF Lighting, clean end cap made of PC, invisible linear joint, suspension (simple, electric). Only for DI version: masking cover and NT joint. Joints for suspended installation are included in the set with the luminaire.

Power: 230 V

ELECTRICAL DATA

Light source	LED
Number of light sources	1
Type of equipment	AC
Voltage rating	220 ... 240 V
Through-wiring	Yes
Light source included	Yes

MECHANICAL DATA

Type of installation	Universal
Housing material	Aluminum
Designed for light-line	Yes
Electrical track connection	No

INFORMATION

Colour	Grey
Operating temperature range	-20 ... 40 °C
Rotated model	No

CERTIFICATES

Degree of protection (IP)	IP20
Class of protection	I
Light source protection	Yes
Energy class	A+
CE	Yes

LIGHT DATA

Light colour	White
Color rendering index	84
Class of luminaire	I
Light output degradation	B10
Lumen maintenance	L80
Lifetime	> 72000 h
MacAdam	SDCM 3
Lamp Lumen Maintenance Factor (after 60 000h)	85 %
Colour temperature	2700-6500K

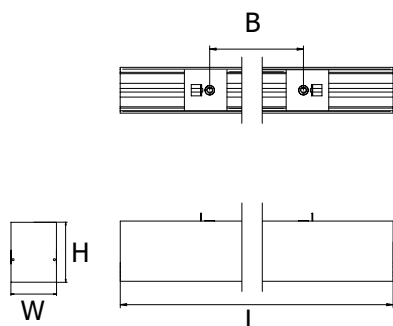
OPTICAL DATA

Reflector	High gloss
-----------	------------

AVAILABLE VARIANTS

Product code	Luminaire power [W]	Louver/shutter	Luminaire luminous flux [lm]	Luminaire's luminous efficacy [lm/W]	Light distribution	Info	Weight [kg]
PX4043358 AR003.2211.8TW.D000	45	OPAL	4660	104	DI	-	3.20
PX4043372 AR003.2222.8TW.D000	45	MPRM	4990	111	DI	-	3.20
PX4043379 AR002.2233.8TW.D000	19	PAR	2330	123	DI	-	2.50
PX4043386 AR003.2233.8TW.D000	28	PAR	3490	125	DI	-	3.40
PX4043393 AR004.2233.8TW.D000	37	PAR	4650	126	DI	-	4.80
PX4043400 AR005.2211.8TW.D000	45	OPAL	4630	103	DI/IN	DI-3010lm / IN-1620lm	2.65
PX4043407 AR006.2211.8TW.D000	67	OPAL	7090	106	DI/IN	DI-4660lm / IN-2430lm	3.70
PX4043414 AR005.2222.8TW.D000	45	MPRM	4870	108	DI/IN	DI-3250lm / IN-1620lm	2.65
PX4043421 AR006.2222.8TW.D000	67	MPRM	7420	111	DI/IN	DI-4990lm / IN-2430lm	3.70
PX4043428 AR005.2233.8TW.D000	33	PAR	3950	120	DI/IN	DI-2330lm / IN-1620lm	2.85
PX4043435 AR006.2233.8TW.D000	48	PAR	5920	123	DI/IN	DI-3490lm / IN-2430lm	3.90
PX4043442 AR007.2233.8TW.D000	66	PAR	7890	120	DI/IN	DI-4650lm / IN-3240lm	5.65

DIMENSIONS






L [mm]	W [mm]	H [mm]	OPAL	MPRM	PAR
1625	57	75	PX4043358 AR003.2211.8TW. D000	PX4043372 AR003.2222.8TW. D000	PX4043386 AR003.2233.8TW.D000
			PX4043407 AR006.2211.8TW. D000	PX4043421 AR006.2222.8TW. D000	PX4043435 AR006.2233.8TW.D000
1085	57	75	PX4043400 AR005.2211.8TW. D000	PX4043414 AR005.2222.8TW. D000	PX4043379 AR002.2233.8TW.D000
					PX4043428 AR005.2233.8TW.D000
2170	57	75			PX4043393 AR004.2233.8TW.D000
					PX4043442 AR007.2233.8TW.D000

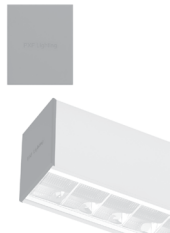

L = Length | W = Width | H = Height / Depth

ACCESSORIES


Electric element

	Electrical suspension Pieces in set: 1	PX0922077 FS002.22.1500	Grey	
		PX0922083 FS002.11.1500	White	
		PX0922090 FS002.33.1500	Black	
	Sigma II through wiring Pieces in set: 1	PX4043508	5x L=1085mm	
		PX4043515	5x L=1625mm	
		PX4043522	5x L=2170mm	
	Electrical rod suspension Sigma II LED Pieces in set: 1	PX4043564 FS016.22.2000	for version 1085mm	Grey
		PX4043571 FS017.22.2000	for version 1625mm	Grey
		PX4043578 FS018.22.2000	for version 2170mm	Grey



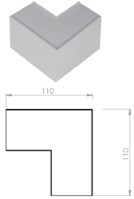
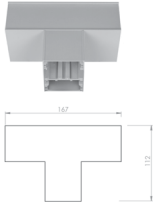
Structural element

	Sigma II End cap PC Pieces in set: 1	PX4040360 FE003.11.0000	with logo PXF Lighting	White
		PX4040366 FE003.22.0000	with logo PXF Lighting	Grey
		PX4040368 FE003.33.0000	with logo PXF Lighting	Black
		PX4040372 FE004.11.0000		White
		PX4040378 FE004.22.0000		Grey
		PX4040380 FE004.33.0000		Black
	End cap Pieces in set: 1	PX4040311 FE002.22.0002		Grey
		PX4040310 FE002.33.0002	Black oxidized screws in set	Black

Structural element

	Sigma Upper masking cover	PX4040322 FM014.22.1085	1085mm / 724mm suspension point spacing A	Grey
		PX4040329 FM014.22.1625	1625mm / 1084mm suspension point spacing A	Grey
		PX4040336 FM014.22.2170	2170mm / 1448mm suspension point spacing A	Grey

Connecting element

	Sigma NT joint Pieces in set: 2	PX4040301 FB001.22.0000		Grey
	Sigma/Velo/VIP/VIP G/K Invisible linear joint Set (2 pcs) Pieces in set: 2	PX0922227 FJ002.00.0000		Grey
	Sigma II 90° joint	PX4040349 FJ010.22.0000	1x	Grey
	Sigma II T joint	PX4040357 FJ011.22.0000	1x	Grey

Installation element



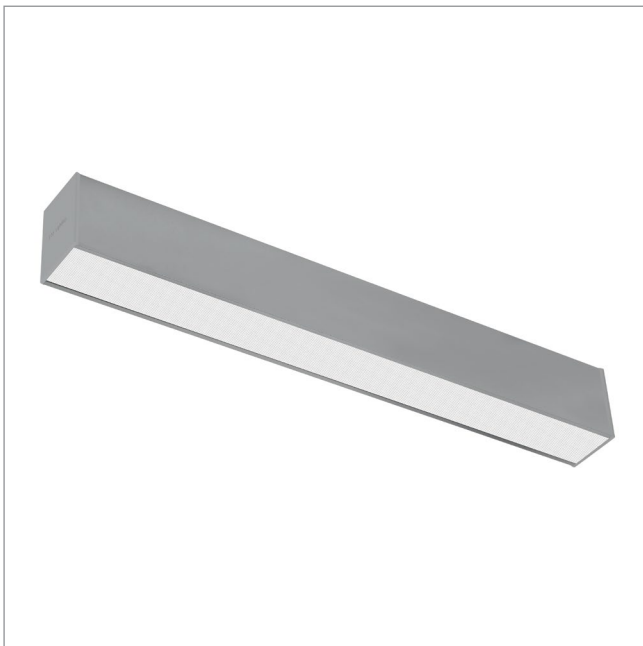
Simple suspension
Pieces in set: 1

PX0922149
FS001.00.1500

SIGMA II LED OPAL



SIGMA II LED MPRM



End cap PC PXF Lighting

