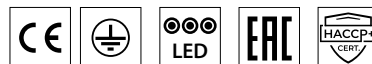




## Sigma II LED



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.

Attention: possibility of mounting "Active+" - self-learning energy saving system.

Active+ is an out-of-the-box standalone solution consisting of an LED driver and small sensor built into the luminaire. Luminaires fitted with Active+ solution are ideal for refurbishment projects, as well as for new offices, corridors, open plan areas, etc.

**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

Housing material	Aluminum
Designed for light-line	Yes
Electrical track connection	No

### INFORMATION

Colour	Grey
Operating temperature range	-15 ... 40 °C
Rotated model	No

### CERTIFICATES

Class of protection	I
CE	Yes
HACCP+	Yes
EAC	Yes

### LIGHT DATA

Light colour	White
Color rendering index	84
Light output degradation	B10
Lumen maintenance	L80
Lifetime	> 72000 h
MacAdam	SDCM 3
Lamp Lumen Maintenance Factor (after 60 000h)	85 %

### OPTICAL DATA

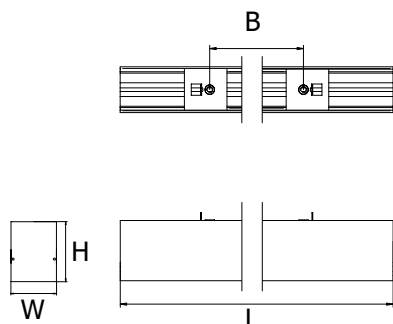
Reflector	High gloss
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## AVAILABLE VARIANTS

Product code	Luminaire power [W]	Type of installation	Lou-ver/shut-ter	Luminaire luminous flux [lm]	Luminaire's luminous efficacy [lm/W]	Light distribution	Colour temperature	Info	Degree of protection (IP)	Weight [kg]
PX4040501 AR001.2211.830.A000	13	Universal	OPAL	1120	86	DI	3000K	-	IP20	1.30
PX4040508 AR001.2211.840.A000	13	Universal	OPAL	1130	86	DI	4000K	-	IP20	1.30
PX4040515 AR002.2211.830.A000	25	Universal	OPAL	2330	93	DI	3000K	-	IP20	2.30
PX4040522 AR002.2211.840.A000	25	Universal	OPAL	2380	95	DI	4000K	-	IP20	2.30
PX4040529 AR003.2211.830.A000	36	Universal	OPAL	3610	100	DI	3000K	-	IP20	3.20
PX4040536 AR003.2211.840.A000	36	Universal	OPAL	3680	102	DI	4000K	-	IP20	3.20
PX4040543 AR004.2211.830.A000	48	Universal	OPAL	4850	101	DI	3000K	-	IP20	4.50
PX4040550 AR004.2211.840.A000	48	Universal	OPAL	4950	103	DI	4000K	-	IP20	4.50
PX4040557 AR001.2222.830.A000	13	Universal	MPRM	1210	93	DI	3000K	-	IP20	1.30
PX4040564 AR001.2222.840.A000	13	Universal	MPRM	1230	94	DI	4000K	-	IP20	1.30
PX4040571 AR002.2222.830.A000	25	Universal	MPRM	2510	100	DI	3000K	-	IP20	2.30
PX4040578 AR002.2222.840.A000	25	Universal	MPRM	2560	102	DI	4000K	-	IP20	2.30
PX4040585 AR003.2222.830.A000	36	Universal	MPRM	3860	107	DI	3000K	-	IP20	3.20
PX4040592 AR003.2222.840.A000	36	Universal	MPRM	3940	109	DI	4000K	-	IP20	3.20
PX4040599 AR004.2222.830.A000	48	Universal	MPRM	5200	108	DI	3000K	-	IP20	4.50
PX4040606 AR004.2222.840.A000	48	Universal	MPRM	5320	110	DI	4000K	-	IP20	4.50
PX4040613 AR001.2233.830.A000	14	Universal	PAR	1630	116	DI	3000K	-	IP20	1.40
PX4040620 AR001.2233.840.A000	14	Universal	PAR	1660	118	DI	4000K	-	IP20	1.40
PX4040627 AR002.2233.830.A000	27	Universal	PAR	3250	120	DI	3000K	-	IP20	2.50
PX4040634 AR002.2233.840.A000	27	Universal	PAR	3320	122	DI	4000K	-	IP20	2.50
PX4040636 AR003.2233.830.A000	40	Universal	PAR	4880	122	DI	3000K	-	IP20	3.40
PX4040638 AR003.2233.840.A000	40	Universal	PAR	4980	124	DI	4000K	-	IP20	3.40
PX4040641 AR004.2233.830.A000	51	Universal	PAR	6500	127	DI	3000K	-	IP20	4.80
PX4040648 AR004.2233.840.A000	51	Universal	PAR	6640	130	DI	4000K	-	IP20	4.80
PX4040655 AR005.2211.830.A000	39	Suspended	OPAL	3920	100	DI/IN	3000K	DI-2330lm / IN-1590lm	IP40	2.65
PX4040662 AR005.2211.840.A000	39	Suspended	OPAL	4000	102	DI/IN	4000K	DI-2380lm / IN-1620lm	IP40	2.65

## AVAILABLE VARIANTS

Product code	Luminaire power [W]	Type of installation	Lou-ver/shut-ter	Luminaire luminous flux [lm]	Luminaire's luminous efficacy [lm/W]	Light distribution	Colour temperature	Info	Degree of protection (IP)	Weight [kg]
PX4040669 AR006.2211.830.A000	58	Suspended	OPAL	5990	103	DI/IN	3000K	DI-3610lm / IN-2380lm	IP40	3.70
PX4040676 AR006.2211.840.A000	58	Suspended	OPAL	6110	105	DI/IN	4000K	DI-3680lm / IN-2430lm	IP40	3.70
PX4040683 AR007.2211.830.A000	77	Suspended	OPAL	8030	104	DI/IN	3000K	DI-4850lm / IN-3180lm	IP40	5.35
PX4040690 AR007.2211.840.A000	77	Suspended	OPAL	8190	106	DI/IN	4000K	DI-4950lm / IN-3240lm	IP40	5.35
PX4040697 AR005.2222.830.A000	39	Suspended	MPRM	4100	105	DI/IN	3000K	DI-2510lm / IN-1590lm	IP40	2.65
PX4040704 AR005.2222.840.A000	39	Suspended	MPRM	4180	107	DI/IN	4000K	DI-2560lm / IN-1620lm	IP40	2.65
PX4040711 AR006.2222.830.A000	58	Suspended	MPRM	6240	107	DI/IN	3000K	DI-3860lm / IN-2380lm	IP40	3.70
PX4040718 AR006.2222.840.A000	58	Suspended	MPRM	6370	109	DI/IN	4000K	DI-3940lm / IN-2430lm	IP40	3.70
PX4040725 AR007.2222.830.A000	77	Suspended	MPRM	8380	108	DI/IN	3000K	DI-5200lm / IN-3180lm	IP40	5.35
PX4040732 AR007.2222.840.A000	77	Suspended	MPRM	8560	111	DI/IN	4000K	DI-5320lm / IN-3240lm	IP40	5.35
PX4040739 AR005.2233.830.A000	42	Suspended	PAR	4840	115	DI/IN	3000K	DI-3250lm / IN-1590lm	IP40	2.85
PX4040746 AR005.2233.840.A000	42	Suspended	PAR	4940	117	DI/IN	4000K	DI-3320lm / IN-1620lm	IP40	2.85
PX4040748 AR006.2233.830.A000	59	Suspended	PAR	7260	123	DI/IN	3000K	DI-4880lm / IN-2380lm	IP40	3.90
PX4040750 AR006.2233.840.A000	59	Suspended	PAR	7410	125	DI/IN	4000K	DI-4900lm / IN-2430lm	IP40	3.90
PX4040753 AR007.2233.830.A000	73	Suspended	PAR	9680	118	DI/IN	3000K	DI-6500lm / IN-3180lm	IP40	5.65
PX4040760 AR007.2233.840.A000	73	Suspended	PAR	9880	120	DI/IN	4000K	DI-6640lm / IN-3240lm	IP40	5.65



## DIMENSIONS

L [mm]	W [mm]	H [mm]	OPAL	MPRM	PAR
545	57	75	PX4040501 AR001.2211.830.A000	PX4040557 AR001.2222.830.A000	PX4040613 AR001.2233.830.A000
			PX4040508 AR001.2211.840.A000	PX4040564 AR001.2222.840.A000	PX4040620 AR001.2233.840.A000
1085	57	75	PX4040515 AR002.2211.830.A000	PX4040571 AR002.2222.830.A000	PX4040627 AR002.2233.830.A000
			PX4040522 AR002.2211.840.A000	PX4040578 AR002.2222.840.A000	PX4040634 AR002.2233.840.A000
			PX4040655 AR005.2211.830.A000	PX4040697 AR005.2222.830.A000	PX4040739 AR005.2233.830.A000
			PX4040662 AR005.2211.840.A000	PX4040704 AR005.2222.840.A000	PX4040746 AR005.2233.840.A000
1625	57	75	PX4040529 AR003.2211.830.A000	PX4040585 AR003.2222.830.A000	PX4040636 AR003.2233.830.A000
			PX4040536 AR003.2211.840.A000	PX4040592 AR003.2222.840.A000	PX4040638 AR003.2233.840.A000
			PX4040669 AR006.2211.830.A000	PX4040711 AR006.2222.830.A000	PX4040748 AR006.2233.830.A000
			PX4040676 AR006.2211.840.A000	PX4040718 AR006.2222.840.A000	PX4040750 AR006.2233.840.A000
2170	57	75	PX4040543 AR004.2211.830.A000	PX4040599 AR004.2222.830.A000	PX4040641 AR004.2233.830.A000
			PX4040550 AR004.2211.840.A000	PX4040606 AR004.2222.840.A000	PX4040648 AR004.2233.840.A000
			PX4040683 AR007.2211.830.A000	PX4040725 AR007.2222.830.A000	PX4040753 AR007.2233.830.A000
			PX4040690 AR007.2211.840.A000	PX4040732 AR007.2222.840.A000	PX4040760 AR007.2233.840.A000

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




## MOUNTING HOLES

A [mm]	OPAL	MPRM	PAR
-	PX4040501 AR001.2211.830.A000 PX4040508 AR001.2211.840.A000 PX4040515 AR002.2211.830.A000 PX4040522 AR002.2211.840.A000 PX4040529 AR003.2211.830.A000 PX4040536 AR003.2211.840.A000 PX4040543 AR004.2211.830.A000 PX4040550 AR004.2211.840.A000	PX4040557 AR001.2222.830.A000 PX4040564 AR001.2222.840.A000 PX4040571 AR002.2222.830.A000 PX4040578 AR002.2222.840.A000 PX4040585 AR003.2222.830.A000 PX4040592 AR003.2222.840.A000 PX4040599 AR004.2222.830.A000 PX4040606 AR004.2222.840.A000	PX4040613 AR001.2233.830.A000 PX4040620 AR001.2233.840.A000 PX4040627 AR002.2233.830.A000 PX4040634 AR002.2233.840.A000 PX4040636 AR003.2233.830.A000 PX4040638 AR003.2233.840.A000 PX4040641 AR004.2233.830.A000 PX4040648 AR004.2233.840.A000
724	PX4040655 AR005.2211.830.A000 PX4040662 AR005.2211.840.A000	PX4040697 AR005.2222.830.A000 PX4040704 AR005.2222.840.A000	PX4040739 AR005.2233.830.A000 PX4040746 AR005.2233.840.A000
1084	PX4040669 AR006.2211.830.A000 PX4040676 AR006.2211.840.A000	PX4040711 AR006.2222.830.A000 PX4040718 AR006.2222.840.A000	PX4040748 AR006.2233.830.A000 PX4040750 AR006.2233.840.A000
1448	PX4040683 AR007.2211.830.A000 PX4040690 AR007.2211.840.A000	PX4040725 AR007.2222.830.A000 PX4040732 AR007.2222.840.A000	PX4040753 AR007.2233.830.A000 PX4040760 AR007.2233.840.A000

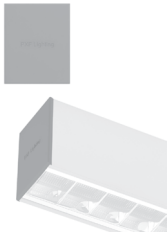

A = Spacing length

## ACCESSORIES


### Electric element

	<b>Electrical suspension</b> Pieces in set: 1	PX0922077 FS002.22.1500	Grey
		PX0922083 FS002.11.1500	White
		PX0922090 FS002.33.1500	Black
	<b>Sigma II through wiring</b> Pieces in set: 1	PX4043501	5x L=545mm
		PX4043508	5x L=1085mm
		PX4043515	5x L=1625mm
		PX4043522	5x L=2170mm
	<b>Electrical rod suspension Sigma II LED</b> Pieces in set: 1	PX4043557 FS015.22.2000	for version 545mm Grey
		PX4043564 FS016.22.2000	for version 1085mm Grey
		PX4043571 FS017.22.2000	for version 1625mm Grey
		PX4043578 FS018.22.2000	for version 2170mm Grey



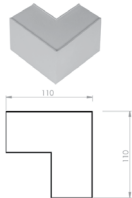
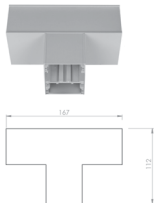
### Structural element

	<b>Sigma II End cap PC</b> 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
	<b>End cap</b> 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	PX4040315 FM014.22.0545	545mm / 364mm suspension point spacing A	Grey
		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

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## Installation element

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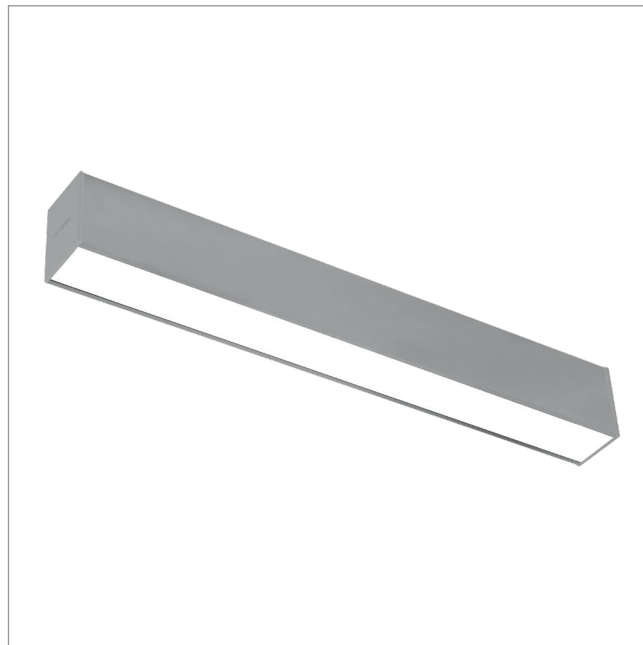
Simple suspension  
Pieces in set: 1

PX0922149  
FS001.00.1500

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SIGMA II LED OPAL



SIGMA II LED MPRM



End cap PC PXF Lighting

