



Sigma II LITE 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
Type of LED	5630

MECHANICAL DATA

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

INFORMATION

Colour	Grey
Rotated model	No

CERTIFICATES

Class of protection	I
Energy class	A+
CE	Yes

LIGHT DATA

Light colour	White
Color rendering index	84
Light output degradation	B10
Lumen maintenance	L90
Lifetime	> 54000 h
MacAdam	SDCM 3
Lamp Lumen Maintenance Factor (after 60 000h)	90 %

OPTICAL DATA

Reflector	High gloss
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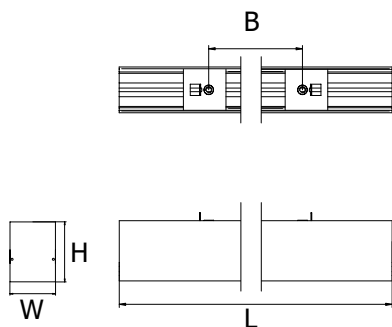
AVAILABLE VARIANTS

Product code	Luminaire power [W]	Type of installation		Luminaire luminous flux [lm]	Luminaire's luminous efficacy [lm/W]		Colour temperature	Info	Degree of protection (IP)	Weight [kg]
PX4042242	8	Universal	OPAL	640	80	DI	3000K	-	IP20	1.30
PX4042248	8	Universal	OPAL	660	83	DI	4000K	-	IP20	1.30
PX4042254	14	Universal	OPAL	1290	92	DI	3000K	-	IP20	2.30
PX4042260	14	Universal	OPAL	1320	94	DI	4000K	-	IP20	2.30
PX4042266	21	Universal	OPAL	1910	91	DI	3000K	-	IP20	3.20
PX4042272	21	Universal	OPAL	1950	93	DI	4000K	-	IP20	3.20
PX4042278	28	Universal	OPAL	2520	90	DI	3000K	-	IP20	4.50
PX4042284	28	Universal	OPAL	2580	92	DI	4000K	-	IP20	4.50
PX4042290	8	Universal	MPRM	670	84	DI	3000K	-	IP20	1.30
PX4042296	8	Universal	MPRM	680	85	DI	4000K	-	IP20	1.30
PX4042302	14	Universal	MPRM	1380	99	DI	3000K	-	IP20	2.30
PX4042308	14	Universal	MPRM	1410	101	DI	4000K	-	IP20	2.30
PX4042314	21	Universal	MPRM	2120	101	DI	3000K	-	IP20	3.20
PX4042320	21	Universal	MPRM	2170	103	DI	4000K	-	IP20	3.20
PX4042326	28	Universal	MPRM	2860	102	DI	3000K	-	IP20	4.50
PX4042332	28	Universal	MPRM	2930	105	DI	4000K	-	IP20	4.50
PX4042338	14	Universal	PAR	1630	116	DI	3000K	-	IP20	2.50
PX4042344	14	Universal	PAR	1660	119	DI	4000K	-	IP20	2.50
PX4042350	21	Universal	PAR	2440	116	DI	3000K	-	IP20	3.40
PX4042356	21	Universal	PAR	2490	119	DI	4000K	-	IP20	3.40
PX4042362	27	Universal	PAR	3250	120	DI	3000K	-	IP20	4.80
PX4042368	27	Universal	PAR	3320	123	DI	4000K	-	IP20	4.80
PX4042374	21	Suspended	OPAL	2090	100	DI/ IN	3000K	DI-1240lm / IN-850lm	IP40	2.65
PX4042380	21	Suspended	OPAL	2130	101	DI/ IN	4000K	DI-1270lm / IN-860lm	IP40	2.65
PX4042386	31	Suspended	OPAL	3100	100	DI/ IN	3000K	DI-1870lm / IN-1230lm	IP40	3.70
PX4042392	31	Suspended	OPAL	3170	102	DI/ IN	4000K	DI-1910lm / IN-1260lm	IP40	3.70
PX4042398	40	Suspended	OPAL	4110	103	DI/ IN	3000K	DI-2480lm / IN-1630lm	IP40	5.35
PX4042404	40	Suspended	OPAL	4200	105	DI/ IN	4000K	DI-2540lm / IN-1660lm	IP40	5.35
PX4042410	21	Suspended	MPRM	2180	104	DI/ IN	3000K	DI-1330lm / IN-850lm	IP40	2.65
PX4042416	21	Suspended	MPRM	2220	106	DI/ IN	4000K	DI-1360lm / IN-860lm	IP40	2.65
PX4042422	31	Suspended	MPRM	3310	107	DI/ IN	3000K	DI-2050lm / IN-1260lm	IP40	3.70
PX4042428	31	Suspended	MPRM	3390	109	DI/ IN	4000K	DI-2100lm / IN-1290lm	IP40	3.70
PX4042434	40	Suspended	MPRM	4450	111	DI/ IN	3000K	DI-2760lm / IN-1690lm	IP40	5.35

AVAILABE VARIANTS

Product code	Luminaire power [W]	Type of installation		Luminaire luminous flux [lm]	Luminaire's luminous efficacy [lm/W]		Colour temperature	Info	Degree of protection (IP)	Weight [kg]
PX4042440	40	Suspended	MPRM	4550	114	DI/ IN	4000K	DI-2830lm / IN-1720lm	IP40	5.35
PX4042446	21	Suspended	PAR	2430	116	DI/ IN	3000K	DI-1630lm / IN-800lm	IP40	2.85
PX4042452	21	Suspended	PAR	2470	118	DI/ IN	4000K	DI-1660lm / IN-810lm	IP40	2.85
PX4042458	31	Suspended	PAR	3630	117	DI/ IN	3000K	DI-2440lm / IN-1190lm	IP40	3.90
PX4042464	31	Suspended	PAR	3710	120	DI/ IN	4000K	DI-2480lm / IN-1230lm	IP40	3.90
PX4042470	41	Suspended	PAR	4840	118	DI/ IN	3000K	DI-3250lm / IN-1590lm	IP40	5.65
PX4042476	41	Suspended	PAR	4940	120	DI/ IN	4000K	DI-3320lm / IN-1620lm	IP40	5.65

DIMENSIONS



L [mm]	W [mm]	H [mm]	OPAL	MPRM	PAR
545	57	75	PX4042242	PX4042290	
			PX4042248	PX4042296	
1085	57	75	PX4042254	PX4042302	PX4042338
			PX4042260	PX4042308	PX4042344
			PX4042374	PX4042410	PX4042446
			PX4042380	PX4042416	PX4042452
1625	57	75	PX4042266	PX4042314	PX4042350
			PX4042272	PX4042320	PX4042356
			PX4042386	PX4042422	PX4042362
			PX4042392	PX4042428	PX4042368
2170	57	75	PX4042278	PX4042326	PX4042470
			PX4042284	PX4042332	PX4042476
			PX4042398	PX4042434	PX4042482
			PX4042404	PX4042440	PX4042488

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

MOUNTING HOLES

A	OPAL	MPRM	PAR
-	PX4042242	PX4042290	PX4042338
	PX4042248	PX4042296	PX4042344
	PX4042254	PX4042302	PX4042350
	PX4042260	PX4042308	PX4042356
	PX4042266	PX4042314	PX4042362
	PX4042272	PX4042320	PX4042368
	PX4042278	PX4042326	
	PX4042284	PX4042332	
724 mm	PX4042374	PX4042410	PX4042446
	PX4042380	PX4042416	PX4042452
1084 mm	PX4042386	PX4042422	PX4042458
	PX4042392	PX4042428	PX4042464
1448 mm	PX4042398	PX4042434	PX4042470
	PX4042404	PX4042440	PX4042476

A = Spacing length

ACCESSORIES

Electric element






Electrical suspension
Pieces in set: 1

PX0922021 Grey


PX0922032 White

PX0922038 Black

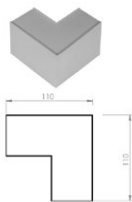
Structural element

 <p>Sigma II End cap PC Pieces in set: 1</p>	PX4040360	with logo PXF Lighting	White
	PX4040366	with logo PXF Lighting	Grey
	PX4040368	with logo PXF Lighting	Black
	PX4040372		White
	PX4040378		Grey
	PX4040380		Black
 <p>End cap Pieces in set: 1</p>	PX4040311		Grey
	PX4040310	Black oxidized screws in set	Black
 <p>Sigma Upper masking cover</p>	PX4040322	1085mm / 724mm suspension point spacing A	Grey
	PX4040315	545mm / 364mm suspension point spacing A	Grey
	PX4040329	1625mm / 1084mm suspension point spacing A	Grey
	PX4040336	2170mm / 1448mm suspension point spacing A	Grey

Connecting element

 <p>Sigma NT joint Pieces in set: 2</p>	PX4040301		Grey
 <p>Sigma/Velo/VIP/VIP G/K Invisible linear joint Set (2 pcs) Pieces in set: 2</p>	PX0922227		Grey

Connecting element

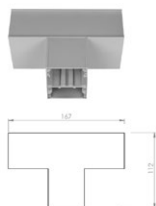


Sigma II 90° joint

PX4040349

1x

Grey



Sigma II T joint

PX4040357

1x

Grey

Installation element



Simple suspension

PX0922143