

Sigma LED

New LED lighting system designed for inline installation. Sigma LED has been produced for multiple types of diffusors 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 luminaries. It's an elegant and efficient luminaire for lighting offices, conference rooms, receptions and other working spaces.

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 caps, 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	230 V
For through out powering	Yes
Light source included	Yes
Type of LED	5630

MECHANICAL DATA

Type of installation	Suspended
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	80

OPTICAL DATA

Reflector	High gloss

AVAILABE VARIANTS

Product code	Light source power [W]	Louver/ shutter	Luminaire luminous flux [lm]	Luminarie luminous efficacy [lm/W]	Colour temperature [K]	Light distribution	Degree of protection (IP)	Weight [kg]
PX4040101	1×13	OPAL	1120	86	3000	DI	IP20	1.30
PX4040108	1×13	OPAL	1130	86	4000	DI	IP20	1.30

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Product code	Light source power [W]	Louver/ shutter	Luminaire luminous flux [lm]	Luminarie luminous efficacy [lm/W]	Colour temperature [K]	Light distribution	Degree of protection (IP)	Weight [kg]
PX4040115	1×25	OPAL	2330	93	3000	DI	IP20	2.30
PX4040122	1×25	OPAL	2380	95	4000	DI	IP20	2.30
PX4040129	1×36	OPAL	3610	100	3000	DI	IP20	3.20
PX4040136	1×36	OPAL	3680	102	4000	DI	IP20	3.20
PX4040143	1×48	OPAL	4850	101	3000	DI	IP20	4.50
PX4040150	1×48	OPAL	4950	103	4000	DI	IP20	4.50
PX4040157	1×13	MPRM	1210	93	3000	DI	IP20	1.30
PX4040164	1×13	MPRM	1230	94	4000	DI	IP20	1.30
PX4040171	1×25	MPRM	2510	100	3000	DI	IP20	2.30
PX4040178	1×25	MPRM	2560	102	4000	DI	IP20	2.30
PX4040185	1×36	MPRM	3860	107	3000	DI	IP20	3.20
PX4040192	1×36	MPRM	3940	109	4000	DI	IP20	3.20
PX4040199	1×48	MPRM	5200	108	3000	DI	IP20	4.50
PX4040206	1×48	MPRM	5320	110	4000	DI	IP20	4.50
PX4040213	1×14	PAR	1630	116	3000	DI	IP20	1.40
PX4040220	1×14	PAR	1660	118	4000	DI	IP20	1.40
PX4040227	1×27	PAR	3250	120	3000	DI	IP20	2.50
PX4040234	1×27	PAR	3320	122	4000	DI	IP20	2.50
PX4040241	1×40	PAR	4880	122	3000	DI	IP20	3.40
PX4040248	1×40	PAR	4980	124	4000	DI	IP20	3.40
PX4040255	1×51	PAR	6500	127	3000	DI	IP20	4.80
PX4040262	1×51	PAR	6640	130	4000	DI	IP20	4.80
PX4040401	1×39	OPAL	3920	100	3000	DI/IN	IP20	2.65
PX4040408	1×39	OPAL	4000	102	4000	DI/IN	IP20	2.65
PX4040415	1×58	OPAL	5990	103	3000	DI/IN	IP20	3.70
PX4040422	1×58	OPAL	6110	105	4000	DI/IN	IP20	3.70
PX4040429	1×77	OPAL	8030	104	3000	DI/IN	IP20	5.35
PX4040436	1×77	OPAL	8190	106	4000	DI/IN	IP20	5.35
PX4040443	1×39	MPRM	4100	105	3000	DI/IN	IP20	2.65
PX4040450	1×39	MPRM	4180	107	4000	DI/IN	IP20	2.65
PX4040457	1×58	MPRM	6240	107	3000	DI/IN	IP20	3.70
PX4040464	1×58	MPRM	6370	109	4000	DI/IN	IP20	3.70
PX4040471	1×77	MPRM	8380	108	3000	DI/IN	IP20	5.35
PX4040478	1×77	MPRM	8560	111	4000	DI/IN	IP20	5.35
PX4040485	1×42	PAR	4840	115	3000	DI/IN	IP20	2.85
PX4040492	1×42	PAR	4940	117	4000	DI/IN	IP20	2.85
PX4040494	1×59	PAR	7260	123	3000	DI/IN	IP20	3.90
PX4040496	1×59	PAR	7410	125	4000	DI/IN	IP20	3.90
PX4040499	1×73	PAR	9680	118	3000	DI/IN	IP40	5.65
PX4040506	1×73	PAR	9880	120	4000	DI/IN	IP40	5.65

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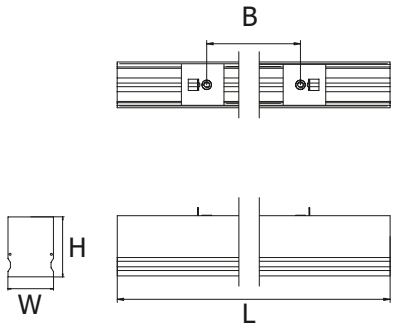

DIMENSIONS

L [mm]	W [mm]	H [mm]	OPAL	MPRM	PAR
545	57	75	PX4040101 PX4040108	PX4040157 PX4040164	PX4040213 PX4040220
1085	57	75	PX4040115 PX4040122 PX4040401 PX4040408	PX4040171 PX4040178 PX4040443 PX4040450	PX4040227 PX4040234 PX4040485 PX4040492
1625	57	75	PX4040129 PX4040136 PX4040415 PX4040422	PX4040185 PX4040192 PX4040457 PX4040464	PX4040241 PX4040248 PX4040494 PX4040496
2170	57	75	PX4040143 PX4040150 PX4040429 PX4040436	PX4040199 PX4040206 PX4040471 PX4040478	PX4040255 PX4040262 PX4040499 PX4040506

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

MOUNTING HOLES

A	OPAL	MPRM	PAR
-	PX4040101 PX4040108 PX4040115 PX4040122 PX4040129 PX4040136 PX4040143 PX4040150	PX4040157 PX4040164 PX4040171 PX4040178 PX4040185 PX4040192 PX4040199 PX4040206	PX4040213 PX4040220 PX4040227 PX4040234 PX4040241 PX4040248 PX4040255 PX4040262
724 mm	PX4040401 PX4040408	PX4040443 PX4040450	PX4040485 PX4040492
1084 mm	PX4040415 PX4040422	PX4040457 PX4040464	PX4040494 PX4040496
1448 mm	PX4040429 PX4040436	PX4040471 PX4040478	PX4040499 PX4040506

A = Spacing length

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ACCESSORIES

Electric element



Electrical suspension
Pieces in set: 1

PX0922021	Grey
PX0922032	White

Structural element



Sigma end cap
Pieces in set: 1

PX4040308	Grey

Sigma Upper masking cover

PX4040322	1085mm	Grey
PX4040329	1625mm	Grey
PX4040336	2170mm	Grey
PX4040315	545mm	Grey

Connecting element



Sigma NT joint
Pieces in set: 2

PX4040301	Grey



Sigma/Velo/VIP/VIP G/K Invisible linear joint Set (2 pcs)
Pieces in set: 2

PX0922227	Grey

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Connecting element

	Sigma 90° joint	PX4040343	1x	Grey
	Sigma Six-pointed star joint	PX4040350	1x	Grey

Installation element

	Simple suspension	PX0922143		

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