

## Sigma II G/K 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 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 PMMA.

**Installation:** into plaster-cardboard ceiling

**Accessories:** końcówki, łącznik liniowy niewidoczny

**Power:** 230V

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

### INFORMATION

Colour	Grey
Operating temperature range	0 ... 40 °C
Rotated model	No

### CERTIFICATES

Degree of protection (IP)	IP20
Degree of protection (IP) / top/	IP20
Class of protection	I
CE	Yes
HACCP+	Yes
EAC	Yes

### LIGHT DATA

Light colour	White
Color rendering index	84
Light distribution	DI
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 %

### OPTICAL DATA

Diffuser colour	Transparent
Reflector	High gloss

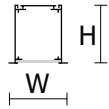
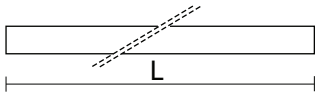
### AVAILABLE VARIANTS

Product code	Luminaire power [W]	Louver/shutter	Luminaire luminous flux [lm]	Luminaire's luminous efficacy	Colour temperature	Info	Weight [kg]
AP001.2222.830.A000 PX4040857	13	MPRM	1380	106	3000K	-	1.60

## AVAILABLE VARIANTS

Product code	Luminaire power [W]	Louver/shutter	Luminaire luminous flux [lm]	Luminaire's luminous efficacy	Colour temperature	Info	Weight [kg]
AP001.2222.840.A000 PX4040864	13	MPRM	1400	107	4000K	-	1.60
AP002.2222.830.A000 PX4040871	25	MPRM	2830	113	3000K	-	2.70
AP002.2222.840.A000 PX4040878	25	MPRM	2890	115	4000K	-	2.70
AP003.2222.830.A000 PX4040885	36	MPRM	4300	119	3000K	-	3.60
AP003.2222.840.A000 PX4040892	36	MPRM	4380	121	4000K	-	3.60
AP004.2222.830.A000 PX4040899	48	MPRM	5790	120	3000K	-	5.30
AP004.2222.840.A000 PX4040906	48	MPRM	5900	122	4000K	-	5.30
AP001.2233.830.A000 PX4040913	14	PAR	1630	116	3000K	-	1.60
AP001.2233.840.A000 PX4040920	14	PAR	1660	118	4000K	-	1.60
AP002.2233.830.A000 PX4040927	27	PAR	3250	120	3000K	-	2.70
AP002.2233.840.A000 PX4040934	27	PAR	3320	122	4000K	-	2.70
AP003.2233.830.A000 PX4040936	40	PAR	4880	122	3000K	-	3.60
AP003.2233.840.A000 PX4040938	40	PAR	4980	124	4000K	-	3.60
AP004.2233.830.A000 PX4040941	51	PAR	6500	127	3000K	-	5.30
AP004.2233.840.A000 PX4040948	51	PAR	6640	130	4000K	-	5.30
AP001.2211.830.A000 PX4041101	13	OPAL	1280	98	3000K	A click-in diffuser	1.80
AP001.2211.840.A000 PX4041108	13	OPAL	1300	100	4000K	A click-in diffuser	1.80
AP002.2211.830.A000 PX4041115	25	OPAL	2660	106	3000K	A click-in diffuser	2.70
AP002.2211.840.A000 PX4041122	25	OPAL	2710	108	4000K	A click-in diffuser	2.70
AP003.2211.830.A000 PX4041129	36	OPAL	4040	112	3000K	A click-in diffuser	3.70
AP003.2211.840.A000 PX4041136	36	OPAL	4120	114	4000K	A click-in diffuser	3.70
AP004.2211.830.A000 PX4041143	48	OPAL	5380	112	3000K	A click-in diffuser	4.90
AP004.2211.840.A000 PX4041150	48	OPAL	5500	115	4000K	A click-in diffuser	4.90





## DIMENSIONS

L [mm]	W [mm]	H [mm]	MPRM	PAR	OPAL
545	73	75	AP001.2222.830.A000 PX4040857	AP001.2233.830.A000 PX4040913	AP001.2211.830.A000 PX4041101
			AP001.2222.840.A000 PX4040864	AP001.2233.840.A000 PX4040920	AP001.2211.840.A000 PX4041108
1085	73	75	AP002.2222.830.A000 PX4040871	AP002.2233.830.A000 PX4040927	AP002.2211.830.A000 PX4041115
			AP002.2222.840.A000 PX4040878	AP002.2233.840.A000 PX4040934	AP002.2211.840.A000 PX4041122
1625	73	75	AP003.2222.830.A000 PX4040885	AP003.2233.830.A000 PX4040936	AP003.2211.830.A000 PX4041129
			AP003.2222.840.A000 PX4040892	AP003.2233.840.A000 PX4040938	AP003.2211.840.A000 PX4041136
2170	73	75	AP004.2222.830.A000 PX4040899	AP004.2233.830.A000 PX4040941	AP004.2211.830.A000 PX4041143
			AP004.2222.840.A000 PX4040906	AP004.2233.840.A000 PX4040948	AP004.2211.840.A000 PX4041150

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

## ACCESSORIES

### Electric element

Sigma II through wiring Pieces in set: 1	PX4043501	5x L=545mm
	PX4043508	5x L=1085mm
	PX4043515	5x L=1625mm
	PX4043522	5x L=2170mm

### Structural element

SIGMA G/K End cap Pieces in set: 1	FE009.22.0002 PX4041157	for versions with a click-in diffuser	Grey
	FE007.22.0002 PX4040313	OPAL / MPRM	Grey
	FE008.22.0002 PX4040314	PAR	Grey



---

**Connecting element**

---

SIGMA G/K 90° Joint

FJ012.22.0000  
PX4040351

---

Sigma/Velo/VIP/VIP G/K Invisible linear  
joint Set (2 pcs)  
Pieces in set: 2FJ002.00.0000  
PX0922227Grey

---

