

Geometric Arc LED



A family of LED luminaires in the shape of a half-round. Thanks to their modern and universal shape, GEOMETRIC ARC LED luminaires can be used in any type of space inside a building. Inline installation and connection with GEOMETRIC LINE LED is possible.

Materials: powder painted aluminum profile (grey colour in standard). OPAL diffuser.

Installation: suspended (to suspend the luminaire you will need: simple suspension – 2 pcs and electric suspension – 1 pc)

Accessories: end caps, suspension (simple, electric), invisible linear joint

Power: 230V

ELECTRICAL DATA

Light source	LED
Number of light sources	1
Type of equipment	AC
Voltage rating	220 ... 240 V
Light source included	Yes
Power factor	0.96

MECHANICAL DATA

Type of installation	Suspended
Housing material	Aluminum
Designed for light-line	Yes

INFORMATION

Colour	Grey
Operating temperature range	-15 ... 40 °C

CERTIFICATES

Degree of protection (IP)	IP40
Class of protection	I
Light source protection	Yes
CE	Yes
HACCP+	Yes
Power Flicker	=< 3%

LIGHT DATA

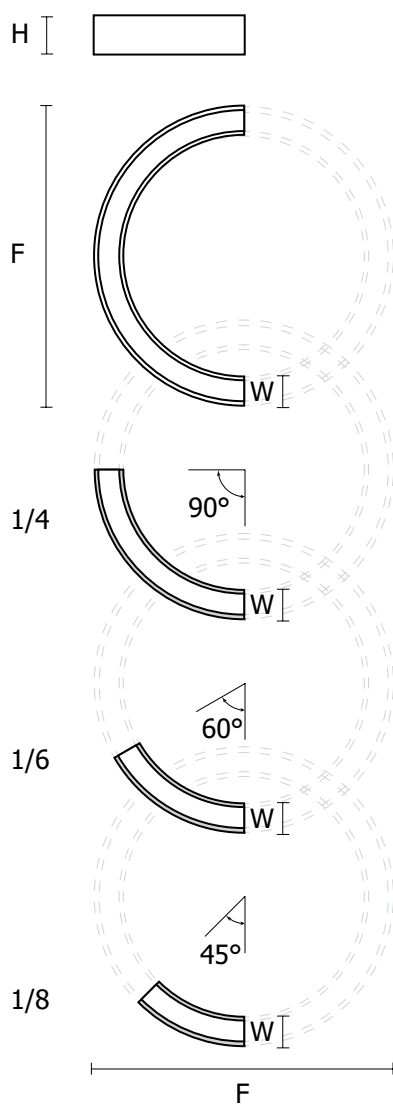
Luminaire's luminous efficiency	59 %
Light colour	White
Color rendering index	84
Light distribution	Wide beam
Light distribution	DI
Class of luminaire	I
Light output degradation	B10
Lumen maintenance	L80
Lifetime	> 72000 h
MacAdam	SDCM 3
Lamp Lumen Maintenance Factor (after 60 000h)	84 %

OPTICAL DATA

Louver/ shutter	OPAL
Diffuser colour	White
Diffuser material	Opal plastic

AVAILABE VARIANTS

Product code	Luminaire power [W]	Luminaire luminous flux [lm]	Luminaire's luminous efficacy [lm/W]	Colour temperature	Info	Weight [kg]
PX4090753 EC001.1111.830.A010	45	4360	97	3000K	1/2-Ring-180°	3.50
PX4090756 EC001.1111.840.A010	45	4490	100	4000K	1/2-Ring-180°	3.50
PX4090759 EC002.1111.830.A010	70	7060	101	3000K	1/2-Ring-180°	5.10
PX4090762 EC002.1111.840.A010	70	7270	104	4000K	1/2-Ring-180°	5.10
PX4091001 EC005.1111.830.A010	60	6020	100	3000K	1/4-Ring-90°	4.00
PX4091008 EC005.1111.840.A010	60	6200	103	4000K	1/4-Ring-90°	4.00
PX4091015 EC004.1111.830.A010	40	3940	99	3000K	1/6-Ring-60°	2.80
PX4091022 EC004.1111.840.A010	40	4060	102	4000K	1/6-Ring-60°	2.80
PX4091029 EC003.1111.830.A010	30	2910	97	3000K	1/8-Ring-45°	2.20
PX4091036 EC003.1111.840.A010	30	2990	100	4000K	1/8-Ring-45°	2.20



DIMENSIONS

Product code	W [mm]	H [mm]	F [mm]
PX4090753 EC001.1111.830.A010	100	62	800
PX4090756 EC001.1111.840.A010	100	62	800
PX4090759 EC002.1111.830.A010	100	62	1200
PX4090762 EC002.1111.840.A010	100	62	1200
PX4091001 EC005.1111.830.A010	100	62	2000
PX4091008 EC005.1111.840.A010	100	62	2000
PX4091015 EC004.1111.830.A010	100	62	2000
PX4091022 EC004.1111.840.A010	100	62	2000
PX4091029 EC003.1111.830.A010	100	62	2000
PX4091036 EC003.1111.840.A010	100	62	2000

W = Width | H = Height / Depth | F = Outer diameter

ACCESSORIES

Electric element



Electrical suspension
Pieces in set: 1

PX0922077
FS002.22.1500

Grey

PX0922083
FS002.11.1500

White

PX0922090
FS002.33.1500

Black

Structural element

Geometric Arc/Line LED End Caps
Pieces in set: 2

PX4090765
FE021.22.0000

Grey

Connecting element

Geometric Arc/Line LED set for inline installation
Pieces in set: 2

PX4090768
FJ021.00.0000

Grey

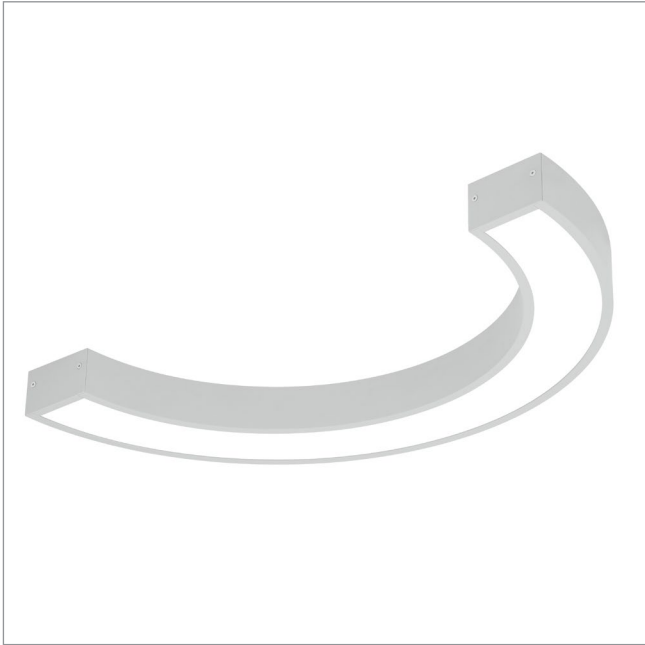
Installation element



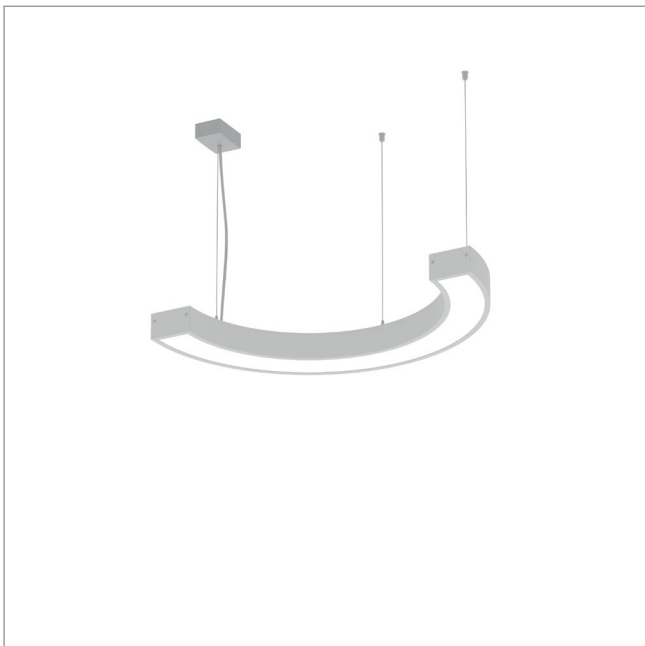
Simple suspension
Pieces in set: 1

PX0922149
FS001.00.1500

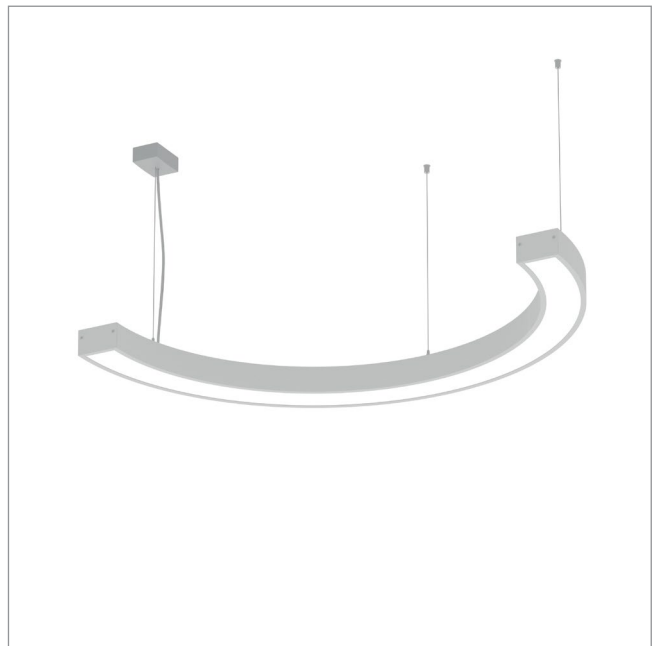
Geometric ARC LED ON



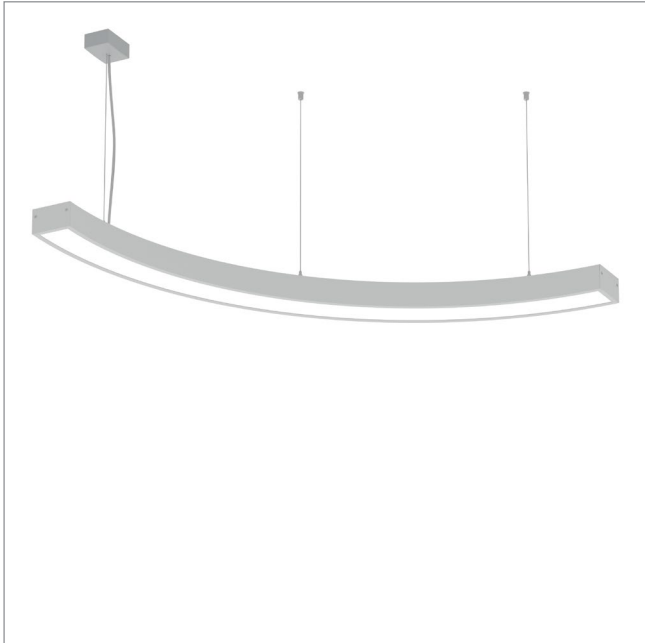
1/2-RING-180° 800mm



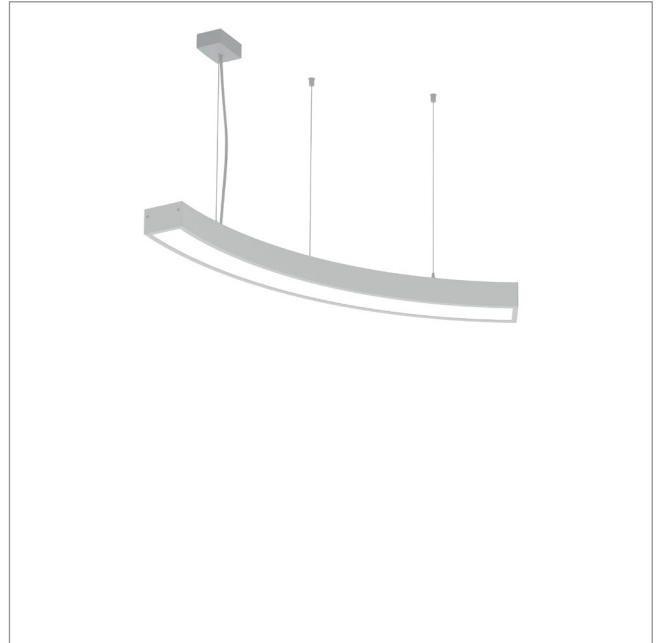
1/2-RING-180° 1200mm



1/4-RING-90° 2000mm



1/6-RING-60° 2000mm



1/8-RING-45° 2000mm

