

— ENG

Catalogue

The evolution of artificial lighting
inspired by nature

*arianna
light looking forward







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Street & Urban Lighting

Phileo Pro *STREET / URBAN*

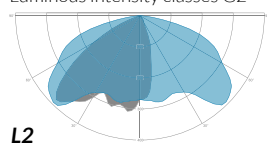


Phileo Pro is the new family of street lighting luminaires with an **innovative design** in continuing the Phileo tradition. Designed to **reduce the costs** of production while maintaining the **high performance** by the Phileo family.

Flux from 2,000 to 24,000 lm
Class I - II
Surge 10/10 kV

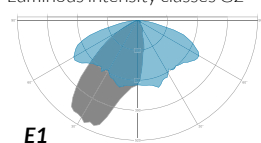
Available Optics

Luminous intensity classes G2



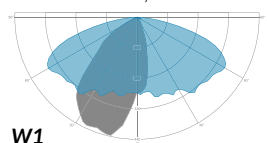
L2

Luminous intensity classes G2



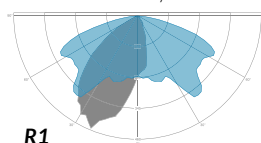
E1

Luminous intensity classes G2



W1

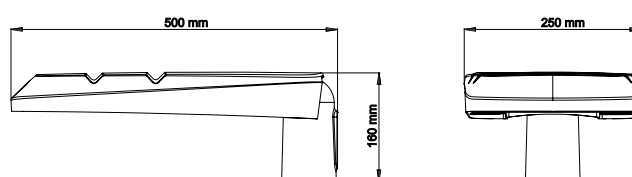
Luminous intensity classes G4



R1

Dimensions and views

Invalid size for definitive designs



Starting Configurations

**Phileo Pro
Standard**

CODE	N. REFLECTORS	FLUX (lm)	POWER (W)	EFFICIENCY (lm/W)
PHP00A0PI00**A12P	1	2025	13	157
PHP00B0PI00**A12P	1	3030	20	151
PHP00B3PI00**A12P	1	4001	27	148
PHP00B6PI00**A18P	1	5010	32	156
PHP00C0PI00**A18P	1	6030	40	150
PHP00C5PI00**A24P	2	7100	46	156
PHP00D0PI00**A24P	2	8100	53	152
PHP00E0PI00**A36P	2	10010	63	159
PHP00F0PI00**A36P	2	12040	78	154
PHP00G0PI00**A36P	2	13460	90	149
PHP00G1PI00**A36P	2	14670	100	147
PHP00G4PI00**A36P	2	16700	115	145
PHP00H0PI00**A36P	2	18700	132	142
PHP00I0PI00**A36P	2	20500	148	138
PHP00J0PI00**A36P	2	22400	167	134
PHP00K0PI00**A36P	2	24000	184	131

Phileo Pro Zhaga

CODE	N. REFLECTORS	FLUX (lm)	POWER (W)	EFFICIENCY (lm/W)
PHP00A0ZI00**A12P	1	2025	13	157
PHP00B0ZI00**A12P	1	3030	20	151
PHP00B3ZI00**A12P	1	4001	27	148
PHP00B6ZI00**A18P	1	5010	32	156
PHP00C0ZI00**A18P	1	6030	40	150
PHP00C5ZI00**A24P	2	7100	46	156
PHP00D0ZI00**A24P	2	8100	53	152
PHP00E0ZI00**A36P	2	10010	63	159
PHP00F0ZI00**A36P	2	12040	78	154
PHP00G0ZI00**A36P	2	13460	90	149
PHP00G1ZI00**A36P	2	14670	100	147
PHP00G4ZI00**A36P	2	16700	115	145
PHP00H0ZI00**A36P	2	18700	132	142
PHP00I0ZI00**A36P	2	20500	148	138
PHP00J0ZI00**A36P	2	22400	167	134
PHP00K0ZI00**A36P	2	24000	184	131

Phileo Pro Inspectable

Flux data refers to devices with CRI 70 and 4000 K (740). To get different combinations of CRI and CCT multiply the luminous flux by the following conversion factor K:

- 730 = 0,95
- 840 = 0,91
- 830 = 0,87
- 727 = 0,93
- 722 - 827 = 0,83
- 822 = 0,76

CODE	N. REFLECTORS	FLUX (lm)	POWER (W)	EFFICIENCY (lm/W)
PHP00A0PIS0**A12P	1	2025	13	157
PHP00B0PIS0**A12P	1	3030	20	151
PHP00B3PIS0**A12P	1	4001	27	148
PHP00B6PIS0**A18P	1	5010	32	156
PHP00C0PIS0**A18P	1	6030	40	150
PHP00C5PIS0**A24P	2	7100	46	156
PHP00D0PIS0**A24P	2	8100	53	152
PHP00E0PIS0**A36P	2	10010	63	159
PHP00F0PIS0**A36P	2	12040	78	154
PHP00G0PIS0**A36P	2	13460	90	149
PHP00G1PIS0**A36P	2	14670	100	147
PHP00G4PIS0**A36P	2	16700	115	145
PHP00H0PIS0**A36P	2	18700	132	142
PHP00I0PIS0**A36P	2	20500	148	138
PHP00J0PIS0**A36P	2	22400	167	134
PHP00K0PIS0**A36P	2	24000	184	131

Optional

DESCRIPTION	
CLASS I Class I	no extra cost
DALI/1-10V setup	
TLC PLC/TLC Radio	
CLO (Costant Lumen Output)	
SPD type 2/3	Ask your Arianna consultant
Paint resistant 2500 hours in salt spray	
RAL code	
Cable extension (€/m)	

Accessories

DESCRIPTION	ACCESSORY CODE
42 mm adjustable articulated joint	ACC0001
76 mm adjustable articulated joint	ACC0002
3-pole IP68 socket + plug connector KIT	ACC0003
4-pole IP68 socket + plug connector KIT	ACC0004
5-pole IP68 socket + plug connector KIT	ACC0005
Wall bracket	ACC0006

Phileo Pro Configurator

Positions 1,2,3	Family	PHP	Phileo Pro															
Positions 4,5,6,7	Flux		00A0	2000 lm														
			00B0	3000 lm														
			00B3	4000 lm														
			00B6	5000 lm														
			00C0	6000 lm														
			00C5	7000 lm														
			00D0	8000 lm														
			00E0	10000 lm														
			00F0	12000 lm														
			00G0	13000 lm														
			00G1	14500 lm														
			00G4	16500 lm														
Position 8	Power Supply Program	P		Standard Night Cycle														
		F		Fixed														
		D		DALI														
		1		1 – 10 V														
		Z		Zhaga/D4i 24V														
		T		TLC conveyed frequency														
		R		TLC onde radio														
Position 9	CCT + CRI	M		2200K – CRI 70														
		N		2200K – CRI 80														
		P		2700K – CRI 70														
		Q		2700K – CRI 80														
		H		3000K – CRI 70														
		W		3000K – CRI 80														
		I		4000K – CRI 70														
		L		4000K – CRI 80														
Positions 10, 11	Design Corpo	00		Standard														
		S0		Ispezionabile														
Positions 12,13	Optic	E1		Optic E1														
		L2		Optic L2														
		R1		Optic R1														
		W1		Optic W1														
Position 14	Colour	A		Anthracite														
Positions 15,16	N. led (12,18,24,36)	12		12 LED														
Position 17	Fixing mode/Application	P		Pole Class II														
		Y		Pole Class I														

EXAMPLE: PHILEO PRO pole version 18 LED, anthracite 6000 lm – 3000K CRI 80, optic W1 e Zhaga

COD.	P	H	P	O	O	C	O	Z	W	O	O	W	1	A	1	8	P
POS.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

The resulting code is: **PHP00C0ZW00W1A18P**



Phileo Mini

STREET / URBAN



For the urban streets, squares and city centres, the cycle pathway and all kinds of applications that require low power consumption.

Phileo mini is the ideal choice to maximise energy savings.

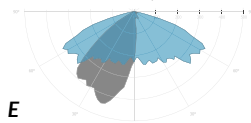
Flux from 2,000 to 10,000 lm

Class I-II

Surge 10/10 kV

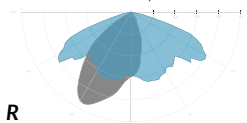
Single Optics

Luminous intensity classes G2



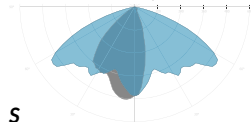
E

Luminous intensity classes G4



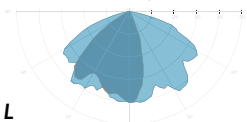
R

Luminous intensity classes G2



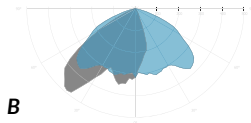
S

Luminous intensity classes G2



L

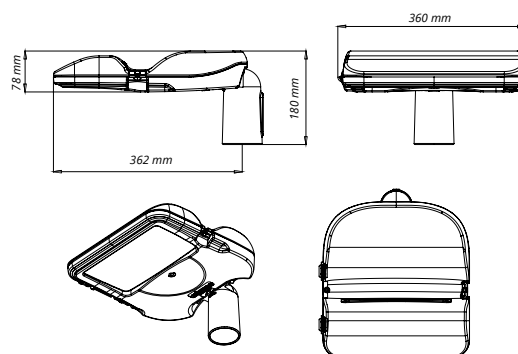
Luminous intensity classes G4



B

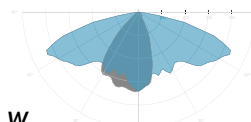
Dimensions and views

Invalid size for definitive designs



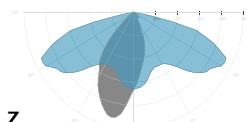
Double Optics

Luminous intensity classes G2



W

Luminous intensity classes G2



Z

Starting Configurations

**Phileo Mini
single optics**

***E-L-R-S-B**

CODE	N. MODULES	FLUX (lm)	POWER (W)	EFFICIENCY (lm/W)
S-MA020PI*G1P	1	2012	14	144
S-MA025PI*G1P	1	2511	18	140
S-MA030PI*G1P	1	3016	21	144
S-MA035PI*G1P	1	3507	25	140
S-MA040PI*G1P	1	4054	30	135
S-MA045PI*G1P	1	4492	33	136
S-MA040PI*G2P	2	4047	27	150
S-MA045PI*G2P	2	4446	30	148
S-MA050PI*G2P	2	5051	34	149
S-MA060PI*G2P	2	6031	41	147
S-MA070PI*G2P	2	7070	51	139
S-MA080PI*G2P	2	8030	60	134
S-MA090PI*G2P	2	9001	69	130
S-MA100PI*G2P	2	10002	79	127

**Phileo Mini
double optics**

***W-Z**

CODE	N. MODULES	FLUX (lm)	POWER (W)	EFFICIENCY (lm/W)
S-MA020PI*G2P	2	2012	14	144
S-MA025PI*G2P	2	2511	18	140
S-MA030PI*G2P	2	3016	21	144
S-MA035PI*G2P	2	3507	25	140
S-MA040PI*G2P	2	4054	30	135
S-MA040PI*G2P	2	4492	33	136

Flux data refers to devices with CRI 70 and 4000 K (740). To get different combinations of CRI and CCT multiply the luminous flux by the following conversion factors K:

- 730 = 0,91
- 840 = 0,91
- 830 = 0,85
- 757 = 1

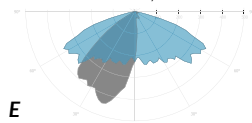


Dedicated to the **lighting of urban and extra-urban roads**, phileo is able to adapt to any **road scenario**. Phileo mini is the ideal choice to **maximise energy savings**.

Flux up to 25,000 lm
Class I-II
Surge 10/10 kV

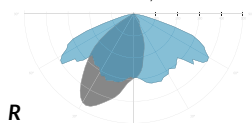
Single Optics

Luminous intensity classes G2



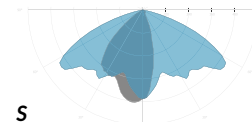
E

Luminous intensity classes G4



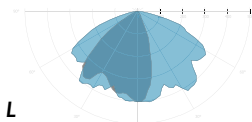
R

Luminous intensity classes G2



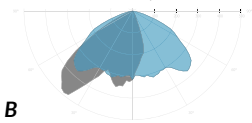
S

Luminous intensity classes G2



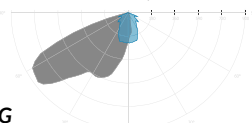
L

Luminous intensity classes G4



B

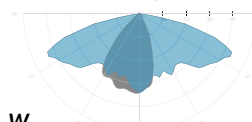
Luminous intensity classes G2



G

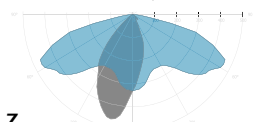
Double Optics

Luminous intensity classes G2



W

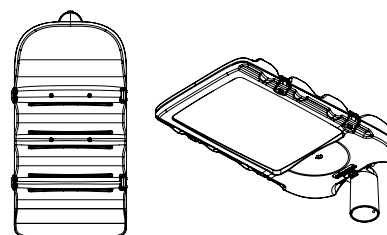
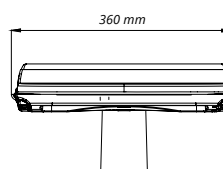
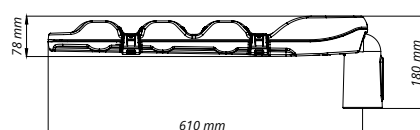
Luminous intensity classes G2



Z

Dimensions and views

Invalid size for definitive designs



Starting Configurations

Phileo single optics

*E-L-R-S-B-G

CODE	N. MODULES	FLUX (lm)	POWER (W)	EFFICIENCY (lm/W)
S-PA060PI*G3P	3	5981	39	153
S-PA070PI*G3P	3	7159	48	149
S-PA080PI*G3P	3	7991	55	145
S-PA090PI*G3P	3	9368	66	142
S-PA100PI*G3P	3	10162	73	139
S-PA120PI*G3P	3	12044	88	137
S-PA140PI*G3P	3	14016	107	131
S-PA080PI*G4P	4	8204	55	149
S-PA090PI*G4P	4	8964	60	149
S-PA100PI*G4P	4	10099	69	146
S-PA120PI*G4P	4	12037	84	143
S-PA140PI*G4P	4	13923	98	142
S-PA160PI*G4P	4	16122	116	139
S-PA180PI*G4P	4	17931	134	134

S-PA100PI*G5P	5	10097	67	151
S-PA120PI*G5P	5	12037	81	149
S-PA140PI*G5P	5	13975	96	146
S-PA160PI*G5P	5	16340	115	142
S-PA180PI*G5P	5	18187	130	140
S-PA200PI*G5P	5	19995	145	138
S-PA120PI*G6P	6	12070	81	149
S-PA140PI*G6P	6	13801	94	147
S-PA160PI*G6P	6	16066	111	145
S-PA180PI*G6P	6	17703	124	143
S-PA200PI*G6P	6	19849	141	141
S-PA225PI*G6P	6	21930	159	138
S-PA250PI*G6P	6	24986	185	135

Phileo double optics

*W-Z

CODE	N. MODULES	FLUX (lm)	POWER (W)	EFFICIENCY (lm/W)
S-PA040PI*G4P	4	4047	27	150
S-PA045PI*G4P	4	4446	30	148
S-PA050PI*G4P	4	5051	34	149
S-PA060PI*G4P	4	6031	41	147
S-PA070PI*G4P	4	7070	51	139
S-PA080PI*G4P	4	8030	60	134
S-PA090PI*G4P	4	9001	69	130
S-PA100PI*G4P	4	10002	79	127
S-PA060PI*G6P	6	5981	39	153
S-PA070PI*G6P	6	7159	48	149
S-PA080PI*G6P	6	7991	55	145
S-PA090PI*G6P	6	9095	65	140
S-PA100PI*G6P	6	9924	72	138
S-PA120PI*G6P	6	12139	88	138
S-PA140PI*G6P	6	14016	107	131

Flux data refers to devices with CRI 70 and 4000 K (740). To get different combinations of CRI and CCT multiply the luminous flux by the following conversion factors K:

- 730 = 0,91
- 840 = 0,91
- 830 = 0,85
- 757 = 1

Phileo Smart *STREET / URBAN*

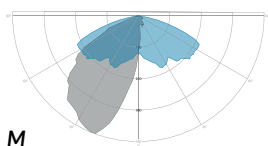


Phileo and phileo mini smart are the **new arrival for street lighting**. A "smart" version able to offer both the same efficiencies, the same lighting **quality** and the same energy savings doing without the quality of the materials.

Flux from 3,000 to 25,000 lm
(up to 12,000 lm in the Mini version)
Class I - II
Surge 10/10 kV

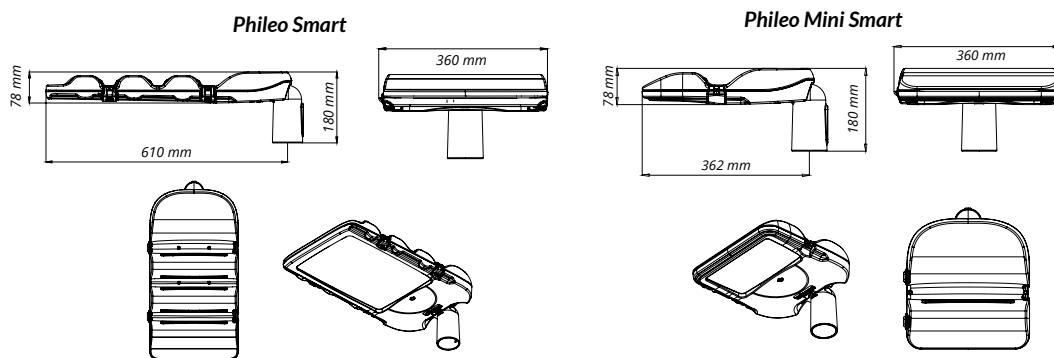
Available Optics

Luminous intensity classes G2



Dimensions and views

Invalid size for definitive designs



Starting Configurations

Phileo Mini Smart

CODE	N. MODULES	FLUX (lm)	POWER (W)	EFFICIENCY (lm/W)
S-MA031PGMG1P	1	3071	19	162
S-MA039PGMG1P	1	3917	25	157
S-MA049PGMG1P	1	4932	33	149
S-MA060PGMG1P	1	5951	42	142
S-MA071PGMG1P	1	7054	54	131
S-MA081PGMG2P	2	8130	54	151
S-MA089PGMG2P	2	8916	60	149
S-MA101PGMG2P	2	10076	71	142
S-MA119PGMG2P	2	11947	88	136

Phileo Smart

CODE	N. MODULES	FLUX (lm)	POWER (W)	EFFICIENCY (lm/W)
S-PA144PGMG3P	3	14366	98	147
S-PA159PGMG3P	3	15886	112	142
S-PA181PGMG3P	3	18106	133	136
S-PA198PGMG3P	3	19810	149	133
S-PA217PGMG4P	4	21725	152	143
S-PA249PGMG4P	4	24912	185	135

Flux data refers to devices with CRI 70 and 4000 K (740). To get different combinations of CRI and CCT multiply the luminous flux by the following conversion factors K:

- 730 = 0,91
- 840 = 0,91
- 830 = 0,85
- 757 = 1

Optional

DESCRIPTION	
CLASSE I Class I	no extra cost
ZHAGA setup	
DALI/1-10V setup	
TLC PLC/TLC Radio	
CLO (Costant Lumen Output)	Ask your Arianna consultant
SPD type 2/3	
Paint resistant 2500 hours in salt spray	
RAL code	

Accessories

DESCRIPTION	ACCESSORY CODE
42 mm adjustable articulated joint	ACC0001
76 mm adjustable articulated joint	ACC0002
Wall bracket	ACC0006

Phileo's Family configurator

Positions 1,2	Family prefix	S-
Position 3	Family	M Phileo Mini P Phileo
Position 4	Customization	A Arianna
Positions 5, 6, 7	Flux	123 12.300 lm
Position 8	Power supply program	F Fixed
		D DALI
		T TLC PLC
		P Standard Night Cycle
		N Nema-Socket
		R TLC Radio
		Z Zhaga
		1 1 - 10 V
Position 9	CCT + CRI	H 3000K - CRI 70
		W 3000K - CRI 80
		I 4000K - CRI 70
		L 4000K - CRI 80
		Z 5700K - CRI 70

Position 10	Optic	B Optic B
		E Optic E
		G Optic G
		L Optic L
		M Optic M
		R Optic R
		S Optic S
		W Optic W
Position 11	Colour	Z Optic Z
		B Black
Position 12	N. modules	G Grey
		1-6 1-6 modules
Position 13	Fixing mode/application	P Pole
		S Suspended
		Y Pole Class I

EXAMPLE: PHILEO pole version 6 modules, grey, 12300 lm - 3000K CRI 80, optic R e DALI

COD.	S	-	P	A	1	2	3	D	W	R	G	6	P
POS.	1	2	3	4	5	6	7	8	9	10	11	12	13

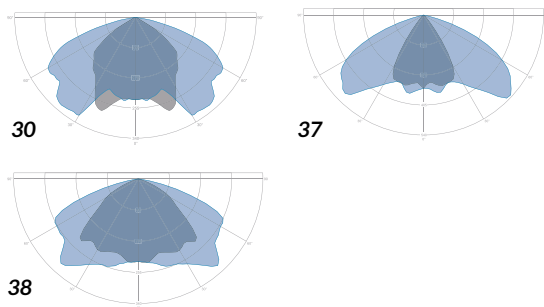
The resulting code is: **S-PA123DWRG6P**



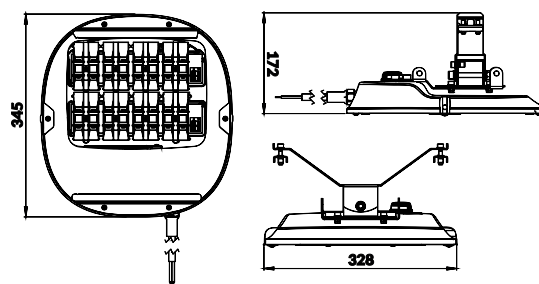
The **compact solution** for mid-street applications. With a focus on energy saving, the Giotto family for mid-street lighting ensures easy installation, **low weight and minimal exposure to wind**. Compliance with Zhaga specifications means it is compatible with all existing and future remote-control types.

Flux up to 12300 lm
Class II
Surge 10/6 Kv

Available optics



Dimensions and views



Starting Configurations

Night cycle version

CODE	FLUX (lm)	POWER (W)	EFFICIENCY (lm/W)
GIO0035PR00**G04Sx	3500	24	142
GIO0043PR00**G04Sx	4300	31	141
GIO0055PR00**G04Sx	5500	39	139
GIO0073PR00**G06Sx	7300	51	144
GIO0089PR00**G08Sx	8900	61	145
GIO0110PR00**G08Sx	10700	76	142
GIO0125PR00**G08Sx	12300	90	137

Zhaga version

CODE	FLUX (lm)	POWER (W)	EFFICIENCY (lm/W)
GIO0035ZR00**G04Sx	3500	24	142
GIO0043ZR00**G04Sx	4300	31	141
GIO0055ZR00**G04Sx	5500	39	139
GIO0073ZR00**G06Sx	7300	51	144
GIO0089ZR00**G08Sx	8900	61	145
GIO0110ZR00**G08Sx	10700	76	142
GIO0125ZR00**G08Sx	12300	90	137

Accessories

DESCRIPTION	CODE
Giotto remote control	ACC0016

Giotto Configurator

Positions 1,2,3	Family prefix	GIO	Giotto	Positions 10,11,12,13	Optics	0030	Symmetrical optics
Positions 4,5,6,7	Flux	O125	12500 lm			0037	Symmetrical optics
Position 8	Power Supply Program	P	Standard Night Cycle			0038	Symmetrical optics
		Z	Zhaga	Position 14	Colors	G	Anthracite RAL 7016
		R	4000K - CRI 70	Positions 15,16	N. Optics	O2	2 ÷ 8 optics
Position 9	CCT + CRI	X	3000K - CRI 70	Position 17	Fixing Mode/ Application	S	Street
		O	4000K - CRI 80				
		W	3000K - CRI 80				

EXAMPLE: Giotto Street suspended, 8 optics, anthracite, 12500 lm - 4000K CRI 70, optic 30

COD.	G	I	O	0	1	2	5	Z	R	0	0	3	0	G	0	8	S
POS.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

The resulting code is: **GIO0125ZR0030G08S**

Kit Retrofit

STREET / URBAN



The retrofit kit Arianna completes the street lighting offer for road and urban. Thanks to the **new system** adaptable to all existing structures, Arianna guarantees maximum energy saving preserving the aesthetics of historical lighting products.

Flux up to 5,500 lm for module

Efficiency up to 145 lm/W

Optics asymmetric, symmetric and rotosymmetric

Different options of CCT (2200, 2700, 3000, 4000 K)

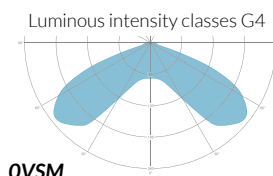
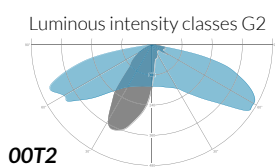
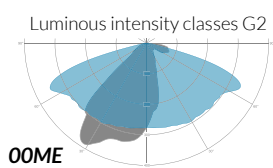
Classe I-II

Surge 10/6 kV

IP66

IK08

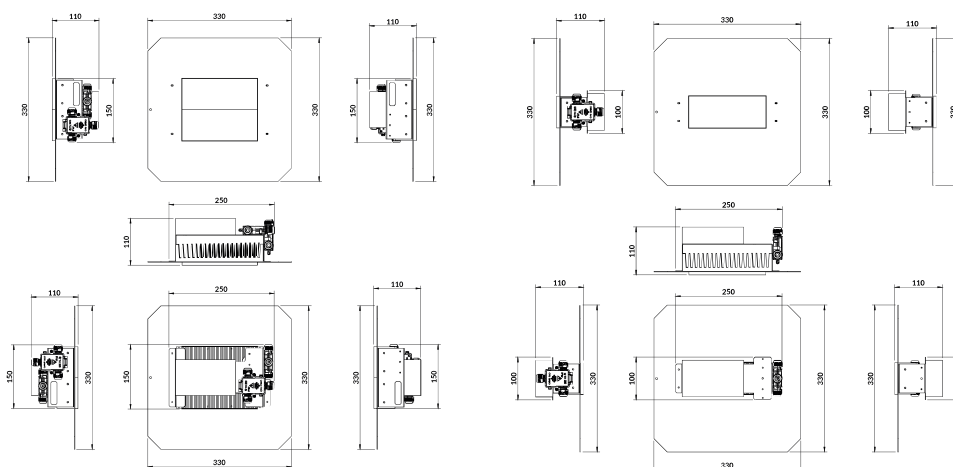
Available Optics



Module that can be accommodated inside artistic lighting fixture



Dimensions and views



Starting Configurations

CODE	N. MODULES	FLUX (lm)	POWER (W)	EFFICIENCY (lm/W)
KIT00A0PI00MEA12	1	2292	19	119
KIT00B0PI00MEA12	1	3021	22	138
KIT00B3PI00MEA12	1	4107	30	139
KIT00B6PI00MEA12	1	5017	38	132
KIT00C3PI00MEA12	1	6814	56	121
KIT00C5PI00MEA24	2	7616	54	142
KIT00D0PI00MEA24	2	9089	66	137

Optional

DESCRIPTION

DALI/1-10V setup

TLC conveyed frequency

CLO (Costant Lumen Output)

RAL code

Ask your Arianna consultant

Flux data refers to devices with CRI 70 and 4000 K (740). To get different combinations of CRI and CCT multiply the luminous flux by the following conversion factors K:

- 730 = 0,95
- 840 = 0,91
- 830 = 0,87



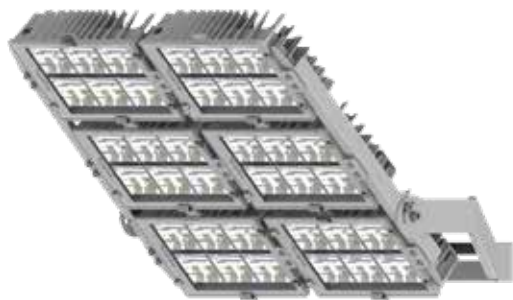
Floodli



Sport & Light Lighting

Petrarca 2.0

SPORT

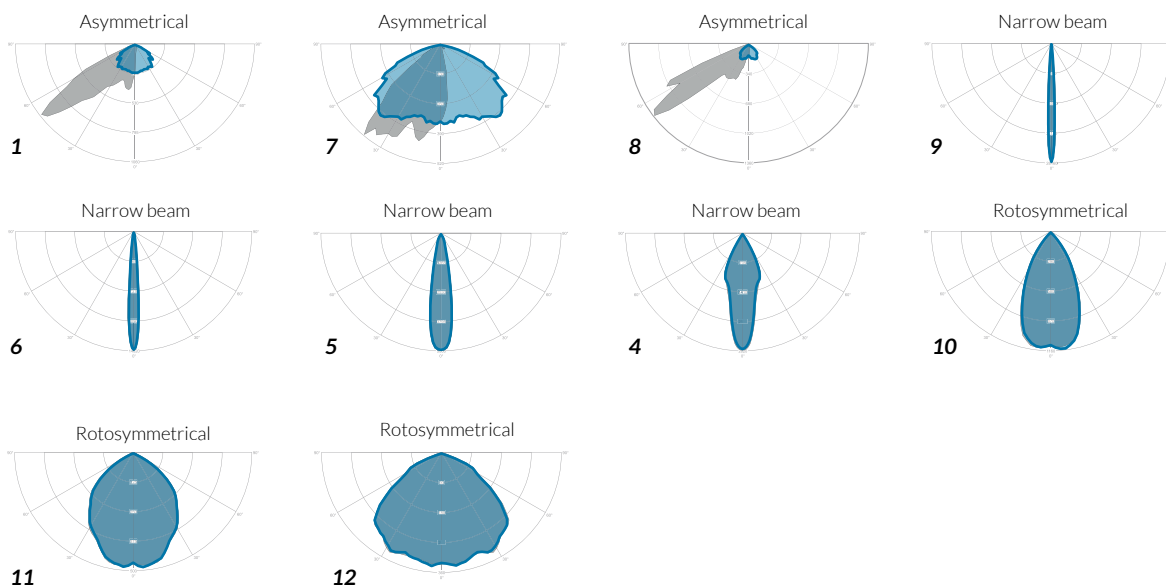


Petrarca is the modular floodlight adaptable to different lighting needs. The **total reflection**, applied to the optics of Petrarca, ensures uniformity and **zero glare**.

For large or small structures: **hugely energy saving, super visual comfort and low maintenance**.

Modules from 1/2 to 6
Flux up to 195,000 lm

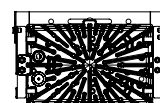
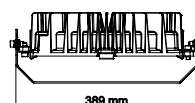
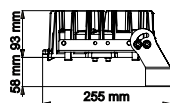
Available Optics



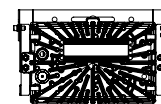
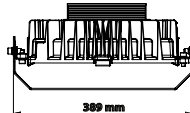
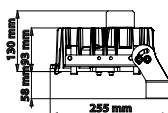
Dimensions and views

Invalid size for definitive designs

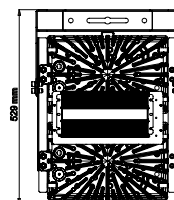
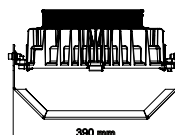
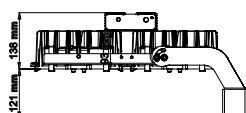
1/2 module



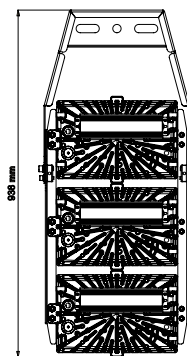
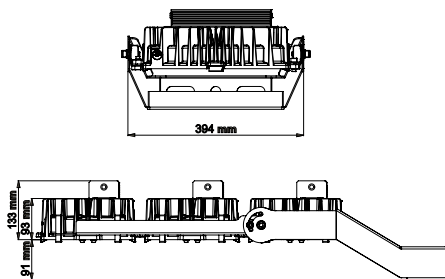
1 module



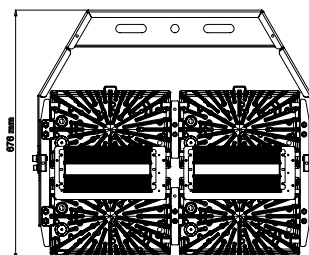
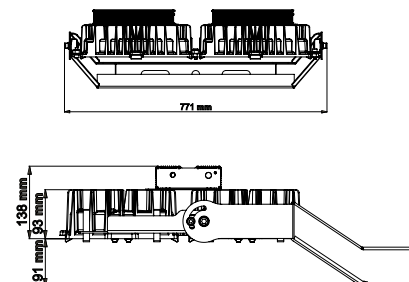
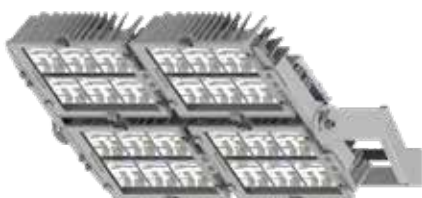
2 modules



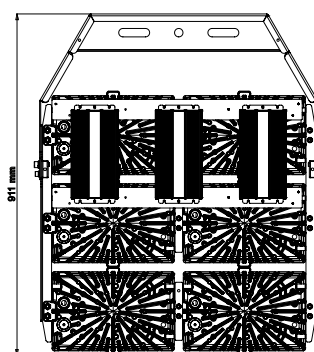
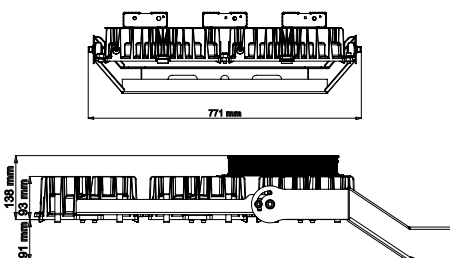
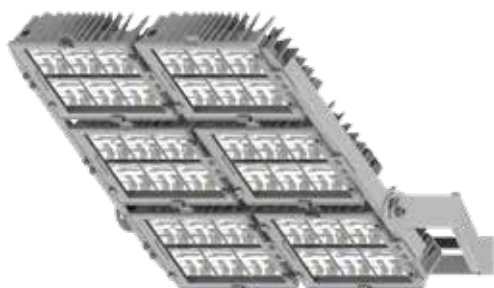
3 modules



4 modules



6 modules



Starting Configurations

Petrarca 2.0 standard

CODE	N. MODULES	OPTIC	CCT-CRI	FLUX (lm)	POWER (W)	EFFICIENCY (lm/W)
PET0098FY00**G00FE	½	*1-7-8	4000K-CRI70	10600	72	147
PET0134FY00**G00FE	½	*1-7-8	4000K-CRI70	14400	97	148
PET0107FV00**G00FE	½	*4-10-11-12	4000K-CRI80	10700	72	148
PET0141FV00**G00FE	½	*4-10-11-12	4000K-CRI80	14100	96	147
PET0088FY00**G00FE	½	*5-6-9	4000K-CRI70	9700	74	131
PET0126FY00**G00FE	½	*5-6-9	4000K-CRI70	13800	115	120
PET0207FY00**G01FE	1	*1-7-8	4000K-CRI70	20800	139	150
PET0256FY00**G01FE	1	*1-7-8	4000K-CRI70	30600	207	148
PET0196FV00**G01FE	1	*4-10-11-12	4000K-CRI80	21300	144	148
PET0242FV00**G01FE	1	*4-10-11-12	4000K-CRI80	29000	196	148
PET0186FY00**G01FE	1	*5-6-9	4000K-CRI70	20400	155	131
PET0260FY00**G01FE	1	*5-6-9	4000K-CRI70	28400	237	120
PET0415FY00**G02FE	2	*1-7-8	4000K-CRI70	44800	301	148
PET0513FY00**G02FE	2	*1-7-8	4000K-CRI70	59500	403	148
PET0393FV00**G02FE	2	*4-10-11-12	4000K-CRI80	44900	303	148
PET0485FV00**G02FE	2	*4-10-11-12	4000K-CRI80	59500	404	147
PET0390FY00**G02FE	2	*5-6-9	4000K-CRI70	42600	355	120

PET0521FY00**G02FE	2	*5-6-9	4000K-CRI70	56800	473	120
PET0623FY00**G03FE	3	*1-7-8	4000K-CRI70	74800	505	148
PET0770FY00**G03FE	3	*1-7-8	4000K-CRI70	95400	654	146
PET0589FY00**G03FE	3	*4-5-6-9	4000K-CRI70	71000	585	121
PET0727FY00**G03FE	3	*4-5-6-9	4000K-CRI70	85200	703	121
PET0831FY00**G04FE	4	*1-7-8	4000K-CRI70	113200	771	147
PET1027FY00**G04FE	4	*1-7-8	4000K-CRI70	129500	882	147
PET0785FY00**G04FE	4	*4-5-6-9	4000K-CRI70	99300	811	122
PET0970FY00**G04FE	4	*4-5-6-9	4000K-CRI70	113600	926	123
PET1246FY00**G06FE	6	*1-7-8	4000K-CRI70	149800	999	150
PET1540FY00**G06FE	6	*1-7-8	4000K-CRI70	193200	1313	147
PET1178FY00**G06FE	6	*4-5-6-9	4000K-CRI70	142000	1159	122
PET1455FY00**G06FE	6	*4-5-6-9	4000K-CRI70	181100	1518	119

DALI2 version

CODE	N. MODULES	OPTIC	CCT-CRI	FLUX (lm)	POWER (W)	EFFICIENCY (lm/W)
PET0098DY00**G00FE	½	*1-7-8	4000K-CRI70	10600	72	147
PET0134DY00**G00FE	½	*1-7-8	4000K-CRI70	14400	97	148
PET0107DV00**G00FE	½	*4-10-11-12	4000K-CRI80	10700	72	148
PET0141DV00**G00FE	½	*4-10-11-12	4000K-CRI80	14100	96	147
PET0088DY00**G00FE	½	*5-6-9	4000K-CRI70	9700	74	131
PET0126DY00**G00FE	½	*5-6-9	4000K-CRI70	13800	115	120
PET0207DY00**G01FE	1	*1-7-8	4000K-CRI70	20800	139	150
PET0256DY00**G01FE	1	*1-7-8	4000K-CRI70	30600	207	148
PET0196DV00**G01FE	1	*4-10-11-12	4000K-CRI80	21300	144	148
PET0242DV00**G01FE	1	*4-10-11-12	4000K-CRI80	29000	196	148
PET0186DY00**G01FE	1	*5-6-9	4000K-CRI70	20400	155	131
PET0260DY00**G01FE	1	*5-6-9	4000K-CRI70	28400	237	120
PET0415DY00**G02FE	2	*1-7-8	4000K-CRI70	44800	301	148
PET0513DY00**G02FE	2	*1-7-8	4000K-CRI70	59500	403	148
PET0393DV00**G02FE	2	*4-10-11-12	4000K-CRI80	44900	303	148
PET0485DV00**G02FE	2	*4-10-11-12	4000K-CRI80	59500	404	147
PET0390DY00**G02FE	2	*5-6-9	4000K-CRI70	42600	355	120
PET0521DY00**G02FE	2	*5-6-9	4000K-CRI70	56800	473	120
PET0623DY00**G03FE	3	*1-7-8	4000K-CRI70	74800	505	148
PET0770DY00**G03FE	3	*1-7-8	4000K-CRI70	95400	654	146
PET0589DY00**G03FE	3	*4-5-6-9	4000K-CRI70	71000	585	121
PET0727DY00**G03FE	3	*4-5-6-9	4000K-CRI70	85200	703	121
PET0831DY00**G04FE	4	*1-7-8	4000K-CRI70	113200	771	147
PET1027DY00**G04FE	4	*1-7-8	4000K-CRI70	129500	882	147
PET0785DY00**G04FE	4	*4-5-6-9	4000K-CRI70	99300	811	122
PET0970DY00**G04FE	4	*4-5-6-9	4000K-CRI70	113600	926	123
PET1246DY00**G06FE	6	*1-7-8	4000K-CRI70	149800	999	150
PET1540DY00**G06FE	6	*1-7-8	4000K-CRI70	193200	1313	147
PET1178DY00**G06FE	6	*4-5-6-9	4000K-CRI70	142000	1159	122
PET1455DY00**G06FE	6	*4-5-6-9	4000K-CRI70	181100	1518	119

Specifications

1/2 module	
Weight	6.5 kg
Area exposed to the wind	0.10 - 0.05 - 0.03 m ²
2 modules	
Weight	14 kg
Area exposed to the wind	0.20 - 0.05 - 0.06 m ²
4 modules	
Weight	24.0 kg
Driver weight	5.0 kg
Area exposed to the wind	0.36 - 0.10 - 0.06 m ²

1 module	
Weight	7 kg
Area exposed to the wind	0.10 - 0.05 - 0.03 m ²
3 modules	
Weight	21.0 kg
Area exposed to the wind	0.29 - 0.05 - 0.08 m ²
6 modules	
Weight	33.0 kg
Driver weight	7.0 kg
Area exposed to the wind	0.54 - 0.09 - 0.10 m ²

Optional

DESCRIPTION
Electrical safety class II
Driver 380V
DMX
Pole base driver positions
Paint resistant 2500 hours in salt spray
Indoor High-bay and Ceiling version

Accessories

DESCRIPTION
Laser beam adapter
Anti-glare screen
Driver cover
Shelter + cable + conduit

Petrarca 2.0 Configurator

Positions 1, 2, 3	Family	P E T	Petrarca
Positions 4, 5, 6, 7	Flux	1 2 3 4	123 400 lm
Position 8	Power supply program	F	Fixed with 1-10 V (standard)
		P	Standard night Cycle
		D	DALI
		X	DMX
Position 9	CCT + CRI	X	3000K - CRI 70
		W	3000K - CRI 80
		Y	4000K - CRI 70
		V	4000K - CRI 80
		Z	5700K - CRI 70
		T	5700K - CRI 80
Positions 10, 11	Electrical safety class and voltage	N	5700K - CRI 90
		00	Class I - 220 V ac
		02	Class II - 220 V ac (only for Petrarca 1 and 2 modules)
		03	Class I - 380 V ac (only for Petrarca 4 and 6 modules)

Positions 12,13	Optic	01	Asymmetric Sport
		04	Rotosymmetric 30°
		05	Rotosymmetric 20°
		06	Rotosymmetric 10°
		07	Asymmetric Street
		08	Asymmetric Sport +
		09	Rotosymmetric 8°
		10	Rotosymmetric 50°
		11	Rotosymmetric 90°
		12	Rotosymmetric 110°
Position 14	Colour	G	Grey
Positions 15,16	N. modules	06	6 modules
Position 17	Fixing mode/application	F	Floodlight
Position 18	Position driver	E	External, on board
		Y	Pole base IP66 (only for Petrarca 4 and 6 modules)

EXAMPLE: Petrarca 6 modules, grey, 145.500 lm - 4000K CRI 70, optic Roto 30° external driver

COD	P	E	T	1	4	5	5	D	Y	0	0	0	4	G	0	6	F	E
POS.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

The resulting code is: **PET1455DY0004G06FE**

Giotto SPORT



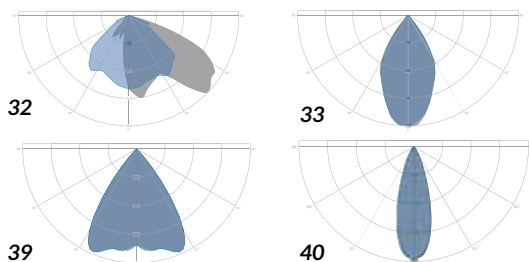
New product



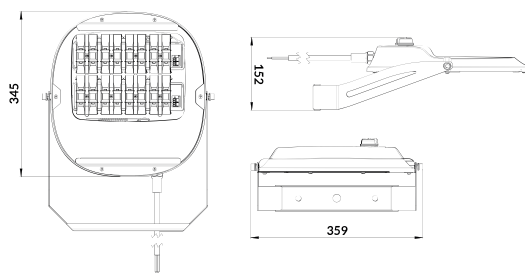
The **small, versatile, highly efficient, high-performance** floodlight that adapts to different lighting needs with a luminous flux of up to 14,000 lm. The perfect, **long-lasting luminaire** without drops in luminous flux and without maintenance.

Flux up to 14000 lm
Class I
Surge 10/6 Kv

Available Optics



Dimensions and views



Starting Configurations

Standard version

CODE	FLUX (lm)	POWER (W)	EFFICIENCY (lm/W)
GIO0028FR00**G04Px	2800	18	149
GIO0039FR00**G04Px	3900	26	146
GIO0054FR00**G04Px	5400	37	144
GIO0066FR00**G04Px	6700	50	134
GIO0087FR00**G08Px	8600	61	141
GIO0100FR00**G08Px	10300	70	147
GIO0125FR00**G08Px	12600	90	140
GIO0135FR00**G08Px	13900	103	136

DALI2 version

CODE	FLUX (lm)	POWER (W)	EFFICIENCY (lm/W)
GIO0028DR00**G04Px	2800	18	149
GIO0039DR00**G04Px	3900	26	146
GIO0054DR00**G04Px	5400	37	144
GIO0066DR00**G04Px	6700	50	134
GIO0087DR00**G06Px	8600	61	141
GIO0100DR00**G08Px	10300	70	147
GIO0125DR00**G08Px	12600	90	140
GIO0135FR00**G08Px	13900	103	136

Giotto Configurator

Positions 1,2,3	Family prefix	GIO	Giotto	Positions 10,11,12,13	Optics	0032	Asymmetric Optic
Positions 4,5,6,7	Flux	0125	12500 lm			0033	Optic 50°
Position 8	Power Supply Program	F	Fixed			0039	Optic 90°
		D	DALI2			0040	Optic 30°
Position 9	CCT + CRI	R	4000K - CRI 70	Position 14	Colors	G	Anthracite RAL 7016
		O	4000K - CRI 80	Positions 15,16	N. Optics	08	2 ÷ 8 optics
		S	5700K - CRI 70	Position 17	Fixing Mode/ Application	P	Projector
		T	5700K - CRI 80	Position 18	Bracket type	P	Projector bracket
		X	3000K - CRI 70			C	Wall mounting
		W	3000K - CRI 80				

EXAMPLE: Giotto projector 8 optics, Anthracite, 12500 lm – 4000K CRI 70, optic 32 and projector bracket

COD.	G	I	O	0	1	2	5	D	R	0	0	3	2	G	0	8	P	P
POS.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

The resulting code is: **GIO0125FR0032G08PP**







Tunnel Lighting

Petrarca Tunnel

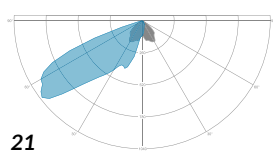
TUNNEL



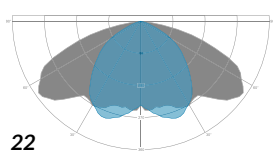
Petrarca is the new **floodlight for all the area of the tunnel**. Small and modular to guarantee **easy installation and maintenance** with a design thought to optimize heat dissipation thanks to the finned radiator. Total reflection optical system to maximize **energy savings**, without dazzling the tunnel section.

Flux from 10,500 to 56,000 lm
Surge 6 kV
Class I (II optional)

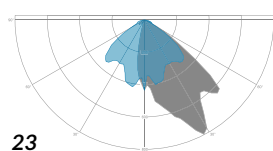
Available Optics



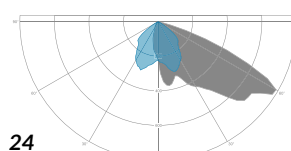
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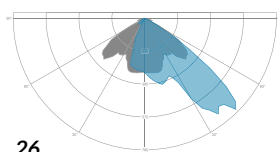
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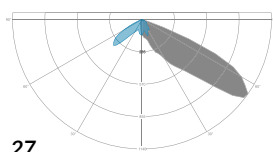
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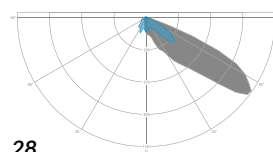
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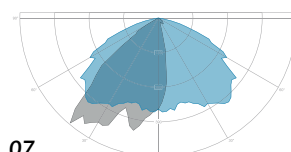
26



27



28

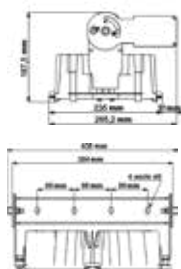


07

Dimensions and views

Invalid size for definitive designs

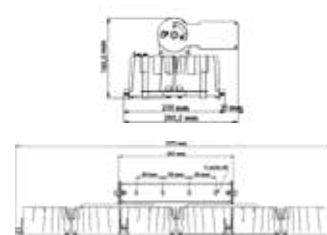
1 module linear



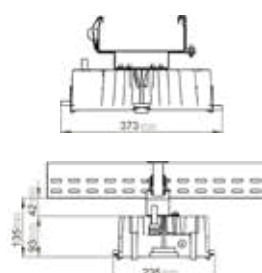
2 modules linear



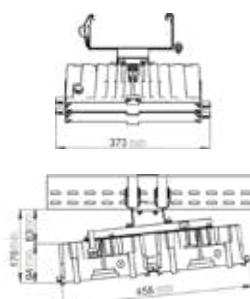
3 modules linear



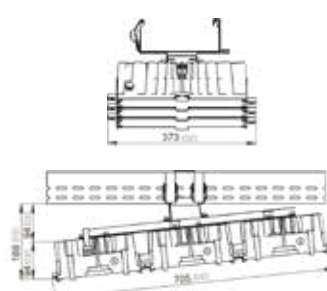
1 module ceiling



2 modules ceiling



3 modules ceiling



Starting Configurations

Standard version with asymmetrical optics **21 - 24 - 27 - 28

X= brackets size

COD.	N. MODULES	FLUX (lm)	POWER (W)	EFFICIENCY (lm/W)
PET0027RR00**G01yx	1	2588	19	137
PET0033RR00**G01yx	1	3595	25	143
PET0045RR00**G01yx	1	5063	36	140
PET0067RR00**G02yx	1	7107	48	147
PET0091RR00**G02yx	1	9395	66	142
PET0136RR00**G03yx	1	14664	105	140
PET0182RR00**G04yx	2	19785	139	143
PET0227RR00**G05yx	2	23518	165	143
PET0272RR00**G06yx	2	28054	196	143
PET0318RR00**G07yx	3	33122	234	141
PET0363RR00**G08yx	3	37629	267	141
PET0409RR00**G09yx	3	42080	299	141
PET0454RR00**G10yx	3	46476	325	143
PET0510RR00**G11yx	3	50816	356	143
PET0557RR00**G12yx	3	55733	388	143

Standard version with symmetrical optic 22

X= brackets size

COD.	N. MODULES	FLUX (lm)	POWER (W)	EFFICIENCY (lm/W)
PET0027RR0022G02yx	1	2651	19	140
PET0033RR0022G02yx	1	3622	25	147
PET0045RR0022G02yx	1	5091	36	140
PET0067RR0022G02yx	1	7087	48	149
PET0091RR0022G02yx	1	9362	67	140
PET0136RR0022G02yx	1	13451	96	140

Linear version with optics ** 23 - 26 - 07

COD.	N. MODULES	FLUX (lm)	POWER (W)	EFFICIENCY (lm/W)
PET0027RR00**G01yx	1	2588	19	137
PET0033RR00**G01yx	1	3595	25	143
PET0045RR00**G01yx	1	5063	36	140
PET0067RR00**G02yx	1	7107	48	147
PET0091RR00**G02yx	1	9395	66	142
PET0136RR00**G03yx	1	14664	105	140
PET0182RR00**G04yx	2	19785	139	143
PET0227RR00**G05yx	2	23518	165	143
PET0272RR00**G06yx	2	28054	196	143
PET0318RR00**G07yx	3	33122	234	141
PET0363RR00**G08yx	3	37629	267	141
PET0409RR00**G09yx	3	42080	299	141
PET0454RR00**G10yx	3	46476	325	143
PET0510RR00**G11yx	3	50816	356	143
PET0557RR00**G12yx	3	55733	388	143

Price refers to standard version with radio frequency control system.

Petrarca Tunnel Configurator

Positions 1, 2, 3	Family	PET	Petrarca	Position 14	Colour	G	Grey
Positions 4, 5, 6, 7	Flux	0557	55700 lm	Positions 15, 16	N. optic	1 - 12	1 ÷ 12 Optic
		F	Fixed	Position 17	Installazione	T	Ceiling mounting
Position 8	Power supply program	D	DALI	Position 18	Dimensione staffa	L	Wall mounting
		T	Remote control Conveyed frequency				
		R	TLC Radio				
Position 9	CCT + CRI	R	4000K - CRI 70				
		O	4000K - CRI 80				
		S	5700K - CRI 70				
Positions 10, 11, 12, 13	Optic	0021	Counterbeam Optic				
		0022	Symmetric Optic				
		0023	Asymmetric Optic				
		0024	Counterbeam Optic				
		0026	Asymmetric Optic				
		0027	Counterbeam Optic				
		0028	Counterbeam Optic				
		0007	Symmetric Optic				

EXAMPLE: Linear Petrarca Tunnel 4 optics, grey, 18.200 lm – 4000K CRI 70, optic 26 e TLC PLC

cod.	P	E	T	0	1	8	2	T	R	0	0	2	6	G	0	4	L
pos.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

The resulting code is: **PET0182TR0026G04L**

Giotto Tunnel

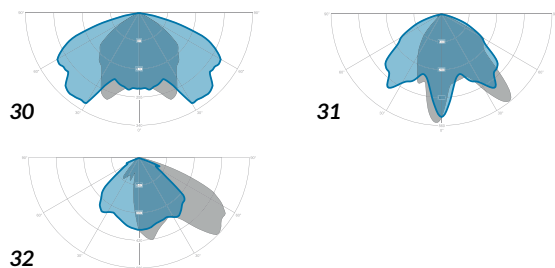
TUNNEL



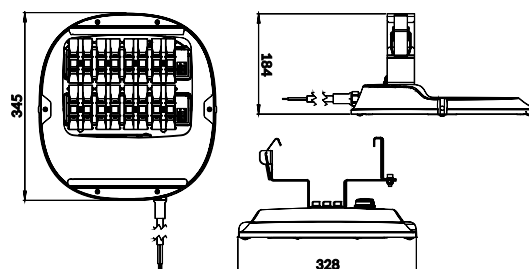
Giotto is the ideal system for the tunnel permanent area, where technology, quality and sustainability are fundamental. An **innovative platform** designed to externally install **all types of remote controls** thanks to the Zhaga attachment placed in the upper profile.

Flux up to 12000 lm
Class II
Surge 10/6 Kv

Available Optics



Dimensions and views



Starting Configurations

Giotto

Optics **30 - 31 - 32

CODE	FLUX (lm)	POWER (W)	EFFICIENCY (lm/W)
GIO0025ZR00**G04yx	2580	18	144
GIO0036ZR00**G04yx	3633	26	139
GIO0050ZR00**G04yx	5050	37	136
GIO0063ZR00**G04yx	6317	48	131
GIO0081ZR00**G08yx	8126	60	135
GIO0097ZR00**G08yx	9734	70	139
GIO0118ZR00**G08yx	11876	90	131

Accessories

DESCRIPTION	ACCESSORY CODE
Giotto remote control	ACC0016
Giotto kit bracket	ACC0017

Giotto Configurator

Positions 1,2,3	Family	GIO	Giotto
Positions 4,5,6,7	Flux	0118	11800 lm
Position 8	Power supply program	Z	Zhaga
Position 9	CCT + CRI	R	4000K - CRI 70
		O	4000K - CRI 80
		S	5700K - CRI 70

Positions 10,11,12,13	Optics	0030	Symmetric Optic
		0031	Asymmetric Optic
		0032	Asymmetric Optic
Position 14	Colour	G	Grey
Positions 15,16	N. Optics	02	2 ÷ 8 optics
Position 17	Installation	T	Attacco a canale
		L	Attacco a parete

EXAMPLE: Giotto Tunnel 8 optics, grey, 11800 lm - 4000K CRI 70, optic 30 and TLC PLC

cod.	G	I	O	0	1	1	8	Z	R	0	0	3	0	G	0	8	L
pos.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

The resulting code is: **GIO0118ZR0030G08L**

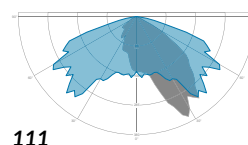
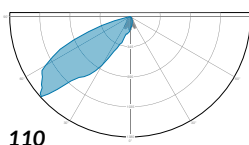
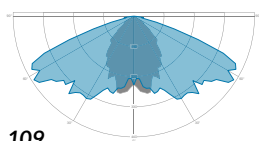


Minox is the family of stainless-steel floodlights with **LED technology** for tough and corrosive environments like tunnels. A unique **technological solution** to illuminate all sections of the tunnel, from the first to the last metre.

Minox guarantees the **right lighting** in different types of motorway and road tunnels. The **modular nature of the system** means it can comply with all the project requirements both at the entrance and along the entire length of the tunnel.

Flux from 3,500 to 52,000 lm
Surge 10/6 kV
Class II (I optional)

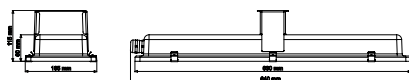
Available Optics



Dimensions and views

Invalid size for definitive designs

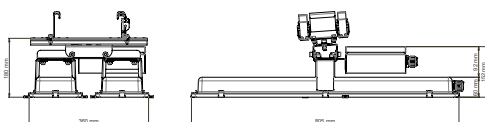
Minox Mini



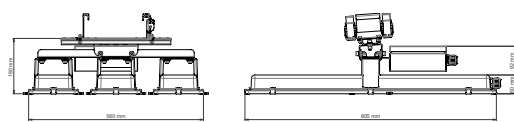
Minox Maxi



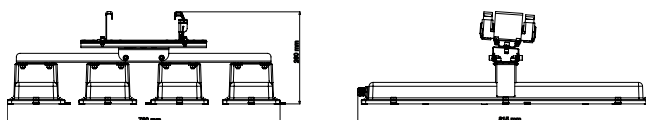
Minox Maxi 2 modules



Minox Maxi 3 modules



Minox Maxi 4 modules



Starting Configurations

**** Optic**
109-110-111

X= brackets size

DESCRIPTION	COD.	N. MODULES	FLUX (lm)	POWER (W)	EFFICIENCY (lm/W)
MINOX MINI	MIX00B0RR01***G02Tx	2	3629	25	143
	MIX00C0RR01***G02Tx	2	5179	38	137
	MIX00D0RR01***G02Tx	2	6667	49	135
MINOX MAXI	MIX00E0RR01***G04Tx	4	10358	74	139
	MIX00F0RR01***G04Tx	4	13171	96	137
MINOX MAXI 2 MODULES	MIX00G0RR01***G06Tx	6	19771	147	135
	MIX00H0RR01***G08Tx	8	26040	193	135
MINOX MAXI 3 MODULES	MIX00I0RR01***G10Tx	10	32953	244	135
	MIX00J0RR01***G12Tx	12	38753	289	134
MINOX MAXI 4 MODULES	MIX00K0RR01***G14Tx	14	46134	341	135
	MIX00L0RR01***G16Tx	16	52081	385	135

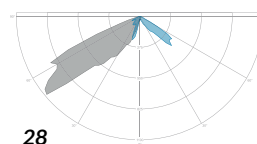
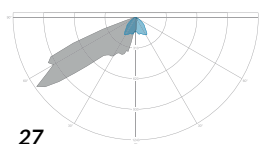
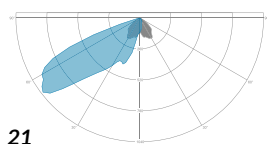


Steelox is the family of **full stainless-steel floodlights with LED technology** designed to meet the complex technical requirements of the harsh and corrosive environments of tunnels.

Arianna has devised a unique technological solution to **illuminate all sections of the tunnel**, from the first to the last meter. Steelox is the family of modular floodlights capable of adapting to different types of tunnels, roads and motorways, successfully meeting all the design requirements.

Flux from 10.000 a 80.000 lm
Surge 8/6 kV
Class II

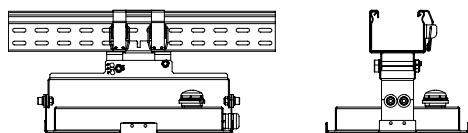
Available Optics



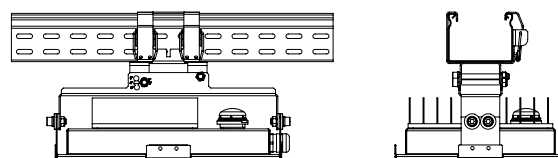
Dimensions and views

Invalid size for definitive designs

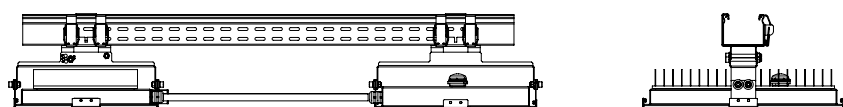
Steelox 65 & 100



Steelox 200



Steelox 400 & 600



Starting Configurations

**Optic 21-27-28

DESCRIPTION	CODE	FLUX (lm)	POWER (W)	EFFICIENCY (lm/W)
STEELOX 65	STE0065ZS00**G02T	10525	65	142
STEELOX 100	STE0150ZS00**G04T	20437	138	145
STEELOX 200	STE0200ZS00**G04T	27869	194	144
STEELOX 400	STE0400ZS00**G08T	56393	390	148
STEELOX 600	STE0600ZS00**G12T	82714	581	161

Optional

Applies to all
Tunnel products

DESCRIPTION

REMOTE CONTROL CONVEYED FREQUENCY

UNIVERSAL BRACKET

Ask your Arianna consultant





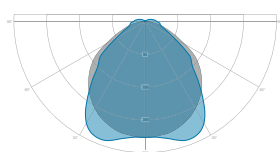
Industrial Lighting



Leonardo is a product designed to **illuminate interior areas**, industrial spaces, warehouses, indoor sports fields, farm buildings, laboratories, everyone environments where people spend many hours and need of **comfortable and efficient lighting**.

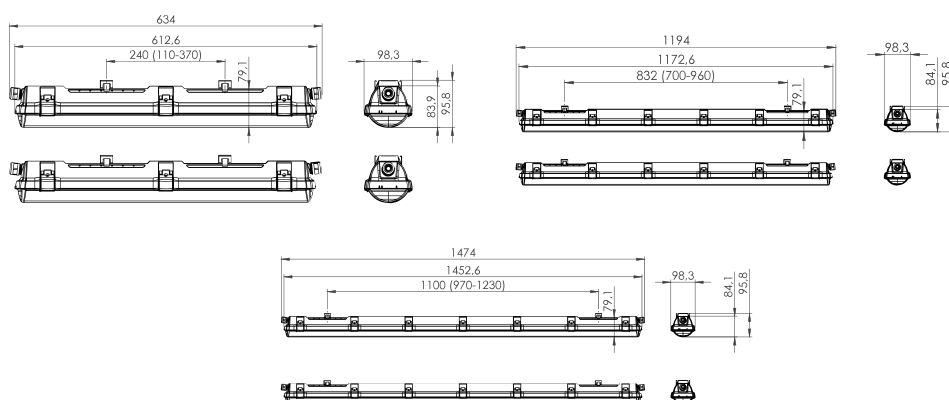
Flux up to 7500 lm
Class I
IK10
IP66/69

Available optics



Optic M

Dimensions and views



Starting Configurations

Standard wiring

CODE	FLUX (lm)	POWER (W)	EFFICIENCY (lm/W)
LEO00A0NF1SMG	1250	8	156
LEO00A2NF1SMG	2100	14	140
LEO00B1NF1SMG	2990	20	150
LEO00B3NF1SMG	5930	38	156
LEO00C1NF1SMG	3810	24	159
LEO00C3NF1SMG	7540	45	168

Through wiring

CODE	FLUX (lm)	POWER (W)	EFFICIENCY (lm/W)
LEO00A0NF1TMG	1250	8	156
LEO00A2NF1TMG	2100	14	140
LEO00B1NF1TMG	2990	20	150
LEO00B3NF1TMG	5930	38	156
LEO00C1NF1TMG	3810	24	159
LEO00C3NF1TMG	7540	45	168

Accessories

CODE	DESCRIPTION
ACC0021	Protection grid 700mm
ACC0022	Protection grid 1300mm
ACC0023	Protection grid 1600mm
ACC0024	Wall side bracket

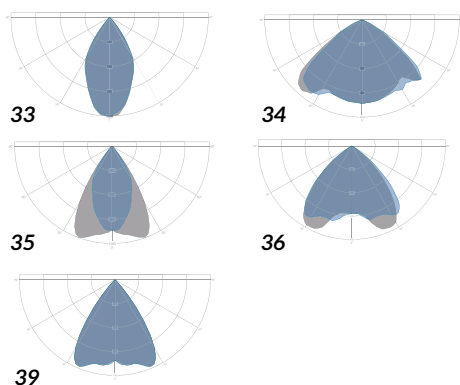




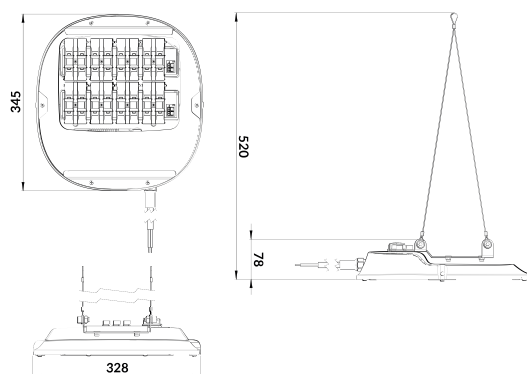
A compact, **easy-to-install luminaire** available in either the high bay pendant version or a ceiling or wall version with dedicated bracket. Suitable for illuminating **large areas**.

Flux up to 13500 lm
Class I
Surge 10/6 Kv

Available Optics



Dimensions and views



Starting Configurations

Standard version

CODE	FLUX (lm)	POWER (W)	EFFICIENCY (lm/W)
GIO0080FO00**G08lx	8000	55	145
GIO0100FO00**G08lx	10000	68	148
GIO0120FO00**G08lx	12000	85	142
GIO0135FO00**G08lx	13500	98	137

DALI2 version

CODE	FLUX (lm)	POWER (W)	EFFICIENCY (lm/W)
GIO0080DO00**G08lx	8000	55	145
GIO0100DO00**G08lx	10000	68	148
GIO0120DO00**G08lx	12000	85	142
GIO0135DO00**G08lx	13500	98	137

Giotto Configurator

Positions 1,2,3	Family prefix	GIO	Giotto
Positions 4,5,6,7	Flux	0135	13500 lm
Position 8	Power Supply Program	F	Fixed
		D	DALI2
Position 9	CCT + CRI	O	4000K - CRI 80
		T	5700K - CRI 80
		B	5700K - CRI 90
Positions 10,11,12,13	Optics	0033	Optic 50°
		0034	Optic 100°
		0035	Elliptic optic
		0036	Optic 90°
		0039	Optic 70°
Position 14	Color	G	Anthracite RAL 7016
Positions 15,16	N. Optics	02	2 ÷ 8 optics
Position 17	Fixing Mode/ Application	I	Industrial
Position 18	Bracket type	C	Wall mounting
			Busbar brackets

EXAMPLE: Giotto Industrial 8 optics, FIXED, Anthracite, 12000 lm - 4000K CRI 70, optics 33, high bay

COD.	G	I	O	0	1	2	0	F	R	0	0	3	3	G	0	8	I	H
POS.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

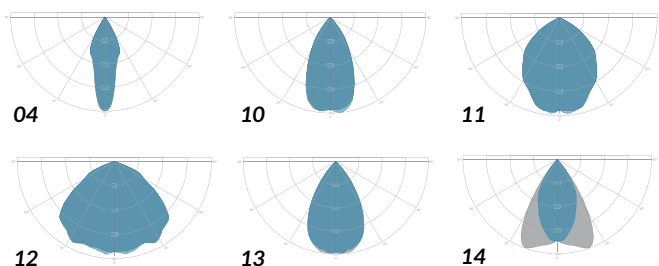
The resulting code is: **GIO0120FR0033G08IH**



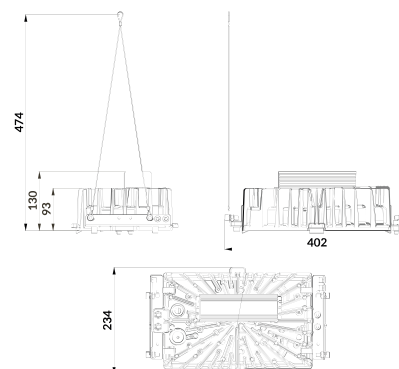
Compact projector to guarantee **easy suspended installation** in the high bay version, or ceiling or wall with the appropriate bracket. Suitable for illuminating **large areas**.

Flux up to 30500 lm
Class I
Surge 10/6 Kv

Available Optics



Dimensions and views



Starting Configurations

Standard version

CODE	FLUX (lm)	POWER (W)	EFFICIENCY (lm/W)
PET0140FV00**G00HE	14300	96	149
PET0180FV00**G01HE	18200	122	149
PET0210FV00**G01HE	21400	144	149
PET0300FV00**G01HE	30300	205	148

DALI2 version

CODE	FLUX (lm)	POWER (W)	EFFICIENCY (lm/W)
PET0140DV00**G00HE	14300	96	149
PET0180DV00**G01HE	18200	122	149
PET0210DV00**G01HE	21400	144	149
PET0300DV00**G01HE	30300	205	149

Petrarca Configurator

Positions 1,2,3	Family prefix	PET	Petrarca
Positions 4,5,6,7	Flux	1234	123 400 lm
Position 8	Power Supply Program	F	Fixed (standard)
		D	DALI2
Position 9	CCT + CRI	V	4000K - CRI 80
		T	5700K - CRI 80
		N	5700K - CRI 90
Positions 10,11	Insulation class and voltage	00	Class I - 220 V ac

Positions 12,13	Optics	04	Optic 30°
		10	Optic 50°
		11	Optic 90°
		12	Optic 110°
		13	Optic 70°
		14	Elliptic optic
Position 14	Colors	G	Grey
Positions 15,16	N. Modules	01	1 module
Position 17	Fixing Mode/ Application	H	High bay
		F	Projector
		C	Wall mounting
Position 18	Driver position	E	External on board

EXAMPLE: Petrarca DALI 6 modules, grey, 21.000 lm - 4000K CRI 80, with 50° rotosymmetrical optic and external driver

COD.	P	E	T	0	2	1	0	D	V	0	0	1	0	G	0	1	H	E
POS.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

The resulting code is: **PET0210DV0010G01HE**

Terms and conditions of sale

1.1 APPLICATION

1.1 These general terms and conditions of sale (hereinafter "General Terms") apply to any contract stipulated between Arianna s.p.a. (hereinafter "Arianna") and its customers (hereinafter "Customers") in relation to the supply of products sold by Arianna (hereinafter "Products") to Customers or other third parties indicated by Customers.

1.2 Unless otherwise specified written between the Parties, in cases of discrepancy, the General Conditions prevail over all other conditions of purchase eventually recalled by customers with purchase orders of products (hereinafter "Orders").

2. CONTRACT

2.1 Purchase orders for Products shall be sent by Customers to Arianna in writing, shall specify the type of Products ordered and, for each Product, the required quantity. Such Orders shall be considered as having been accepted by Arianna only when Arianna sends the Customer confirmation (hereinafter "Order Confirmation"). Arianna reserves the right to totally or partially refuse Orders in the event where the Products ordered are not available and/or the Customer is not up-to-date with payments owed to Arianna in relation to other or prior Contracts.

2.2 When requested, Arianna may send the Customer a written quotation for the supply of Products (hereinafter "Quotation"), specifying the contract price for each Product required by the Customer, where the Product is available, any additional costs, and the corresponding delivery times.

2.3 Pursuant to article 1, Contracts are considered as stipulated between Arianna and the Customer:

- (a) when the Customer receives Order Confirmation from Arianna;
- (b) when Arianna receives acceptance of the Quotation from the Customer.

2.4 Once the Contract has been stipulated, the Customer cannot terminate nor revoke such Contract.

3. PRODUCTS

3.1 Products and their technical specifications are identified in the catalogues and/or price lists published periodically by Arianna.

3.2 Arianna works to continually develop and improve its Products and extend its range, and consequently the Customer accepts that Arianna may periodically modify, without prior notice, the range and/or features of its Products, including to guarantee compliance with new safety standards and/or new technical or legislative requirements.

3.3 In the event where the above-mentioned modifications are implemented while one or more Contracts is yet to be concluded, Arianna shall supply the Customer with Products whose technical and quality specifications are better than or equivalent to those of the Products specified in each Contract.

4. CONTRACT PRICE

4.1 Unless otherwise specified in the Contract, the Products are supplied to the Customer by Arianna at the unit prices (hereinafter "Prices") shown in the Arianna price list in force at the time the Order is sent, or alternatively, where applicable, at the time the Quotation is prepared.

Prices are net of any taxes, duties and other charges that may apply to the Products. The Customer shall be responsible for all such taxes, duties and charges. Prices include the cost of packing according to the standards of Arianna. Any special packaging requested by the Customer, if accepted by Arianna, will be charged to the same Customer.

4.2 Arianna reserves the right to update its price list in relation to both existing Products and any new Products that extend the range. Nonetheless, each new price list or update to existing price lists shall only apply to Orders received by Arianna and to Quotations sent by Arianna to Customers after the date that the new Prices come into force.

4.3 Prices shall be paid to Arianna in accordance with the procedures and terms agreed on in the Contract, specifically and unless otherwise stipulated, payment on receipt of invoice by bank transfer, in accordance with the bank details provided by Arianna to the Customer.

4.4 If the Customer does not pay the Contract Price by the due date:

(a) the Customer shall pay Arianna interest at the rate specified in article 5 of Italian leg. decree no. 231 of 9.10.2002, where applicable, or interest at the legal rate of interest plus five percent, otherwise;

(b) without prejudice to any other right or remedies in favour of Arianna specified in the Contract and/or in these General Terms, where the delay in payment of the Prices by the Customer exceeds 10 (ten) days, Arianna has the right to suspend the Contract or Contracts in relation to the late payment by the Customer until the Customer has paid the full amount of capital, interest and costs owing to Arianna, as well as require advance payment of Prices or provision of suitable guarantees by such Customer for any future sales;

(c) the Customer may not make any claims under the warranty described in article 7.

4.5 Pursuant to article 1462 of the Italian civil code, the Customer may not refuse or delay payment of the Prices for any reason.

5. DELIVERY OF PRODUCTS

5.1 Delivery of the products is to be understood Ex Works loaded. All risks relating to the Products shall pass from Arianna to the Customer on consignment to the carrier and/or shipping agent. The Customer is moreover responsible for all costs pertaining to insurance, customs clearance, transport and the like, as well as the related risks.

5.2 The Products shall be delivered to the Customer in compliance with the terms agreed on in the Contract.

5.3 The delivery terms specified in paragraph 5.2 are:

(a) suspended if, subsequent to stipulation of the Contract:

(i) the Customer and Arianna agree to make changes to the Products supplied, in which case the aforementioned terms shall be applicable from the date in which such changes are agreed on in writing between the Customer and Arianna;

(ii) the Contract cannot be settled due to events of force majeure, in which case the aforementioned terms shall be applicable from the date in which such events of force majeure cease, as long as Arianna is still capable of fulfilling the Contract.

6. ACCEPTANCE OF PRODUCTS - CLAIMS FOR EVIDENT DEFECTS

6.1 The Customer shall inspect the Products upon delivery of such and shall notify Arianna of any missing or incorrect delivery of the Products ordered and/or any evident defects on the Products no more than 8 (eight) days from the date the Products are received, as demonstrated by the related delivery documents. Such notification shall be made in writing and shall contain the list of missing or defective Products (regarding the latter, complete with corresponding serial number), a complete description of the defects found and the date the Products were received.

6.2 If such notification is not formally provided before the deadline specified in paragraph 6.1, the delivery shall be considered to be perfectly compliant with the terms of contract agreed on, the Products delivered shall be considered as having been completely accepted by the Customer and free of evident defects, and consequently the related warranty shall no longer apply. Nonetheless, the Customer may still make claims in relation to the warranty described in article 7.

6.3 In the case where the Customer reports defects under the terms described in paragraph 6.1, the Customer shall keep the defective Products for at least one month from the date in which notification is received by Arianna, and allow the latter to inspect the Products. Only on receiving written instructions from Arianna shall the Customer send the defective Products to Arianna or a third party specified by Arianna. The Customer shall be responsible for all costs relating to storage and transport of such Products, and any returns not previously agreed will not be taken into account.

6.4 Only in the event where, following inspection by Arianna, the Products reported by the Customer are affected by defects relating to materials, components and/or the Product manufacturing process shall Arianna either repair or replace, at its sole discretion, the defective Products free-of-charge. Following such repair or replacement, the Products will be sent back to the Customer, who shall be responsible for all transport and insurance costs.

6.5 Any repairs and/or replacements of defective products or parts do not imply the start of a new warranty period for which will be worth the initial one of the disputed product.

7. WARRANTY - CLAIMS FOR DEFECTS

7.1 Without prejudice to the terms described in article 6, Arianna guarantees that the Products are manufactured in compliance with the standards in force, are free of defects and are guaranteed for 5 (five) years from the date of delivery, offering performance that is consistent with the related technical specifications. The warranty may be extended without additional costs to 10 (ten) years upon registering the Products at www.ariannaled.com.

7.2 The warranty described in paragraph 7.1 shall only be applicable in all of the following conditions:

- (a) the Arianna Products are installed on systems which include surge protectors in the electrical panel, otherwise the warranty shall be null and void;
- (b) the defects and/or malfunctions reported by the Customer are exclusively attributable to the materials, components and/or Product manufacturing process and are therefore not due to events of force majeure or any causes in general not relating to the manufacturing process;
- (c) the Products are assembled and installed by Arianna authorised personnel or in compliance with the instructions provided by Arianna;
- (d) the Products are used by the Customer in accordance with

the instructions provided by Arianna and the related technical specifications;

(e) the products shall not be modified or tampered, otherwise the warranty shall be null and void;

(f) maintenance is performed on the Products in accordance with the times and procedures specified by Arianna.

(g) the products are not installed in atmospheric situations aggressive that could damage the paint prematurely standard 7.3 except in limits of the law and the cases of willful misconduct and gross negligence, Arianna does not assume liability resulting from breach of contract or for any direct or indirect damages, losses, even of profits, costs, charges, including the possibility of removal of the products from the market, missing gain resulting from defects of the products, however, limiting its potential liability to pay a sum not exceeding the price of the defective product.

8. TECHNICAL SERVICE

8.1 Arianna provides Customers technical service (you can refer to the contacts listed at the bottom of the document) to solve any technical problems affecting the Products and that are not due to defects and malfunctions as described in articles 6 and 7.

8.2 Technical service is provided to Customers by Arianna through designated third parties, and requires payment of the corresponding costs by the Customer to the third parties that provide such technical service. 8.3 Except where otherwise agreed on with the Customer, upon payment by the Customer for any work performed pursuant to article 8 of these Terms 8, the Product in question shall be returned to the Customer, while Arianna - or the third party that performs the work on behalf of Arianna - shall retain title to the aforementioned Product until the Customer has paid the aforementioned amount owing.

9. TERMINATION OF THE CONTRACT

9.1 Without prejudice to the laws governing termination and any other terms specifically stipulated in the Contract and in these General Terms, Arianna has right to terminate the Contract in the following circumstances:

(a) more than 30 (thirty) days have elapsed since expiry of the due date agreed on for payment of the Prices defined in the Contract without the Customer having fulfilled its payment obligations;

(b) if, for any reason whatsoever, the Customer ceases to trade and/or goes into liquidation or files for bankruptcy.

9.2 Should any of the circumstances listed in paragraph 9.1 occur, the Contract is considered as terminated by right, pursuant to article 1456 of the Italian civil code, upon receipt by the Customer of the unilateral written declaration in which Arianna expresses the will to make use of this termination clause, without prejudice to the right of Arianna to obtain compensation for damage due to the Customer's failure to fulfil its obligations and termination of the Contract.

10. JURISDICTION

All disputes that may arise between the parties in relation to the Contract and these General Terms are subject to the exclusive jurisdiction of Italian law at the Court of Padova. Should the Customer be regarded as a Consumer pursuant to Italian leg. decree no. 206 of 6.9.2005, the court of the Customer's place of residence shall have jurisdiction.



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