

MINOX

Technical Data Sheet



PRODUCT FEATURES

Applications	FULL INOX modular projector for tunnel lighting, prepared for i remote control systems
Flux regulation	F – Fixed D – DALI T – Power Line Communication R – RF remote control (standard)
Service environment temperature	-30° ÷ +35°
Storage room temperature	-40° ÷ +80°
Certifications	ENEC, CE, RoHS, EN60598-1, EN60598-2-3
System efficacy	Up to 143 lm/W

MECHANICAL FEATURES

Body	Stainless Steel AISI 316L
Total weight	1 mod MINI 5 kg MAXI 8 kg 2 mod 14 kg 3 mod 19 kg 4 mod 26 kg
Ingress protection	IP65
Shock protection	IK08
Gasket	Deposited polyurethane gasket
Color	Grey
Diffuser	4 mm extra clear tempered glass
External screws	Stainless Steel A2
Brackets	Stainless Steel AISI 316L
Mounting	Tool-less cable tray mounting

ELECTRICAL FEATURE

Voltage	220 ÷ 240 V ac
Frequency	50/60 Hz
Electrical safety class	II (I optional)
Power factor (full-load)	> 0,90
Lifetime	100.000 h
Cable	FTG18OM16 – 2 x 1,5 mm ² with plug CEE IP67 2P+T 16A
Surge protection	10 kV com - 6 kV diff

LED MODULE FEATURE

Color temperature	4000 K (other CCT optional)
Color rendering index	> 70 (80 optional)
LEDs' chromatic positioning	MacAdam step ≤ 5
Lifetime L80B10	> 100.000 hours (25°C T amb)
Lifetime L90-TM21	> 120.000 hours (25°C T amb)
Optical system	Aluminum reflection optics pure multilayer with silver layer. reflectivity index of 98%

Visit www.ariannaled.com for the complete list of certified products.

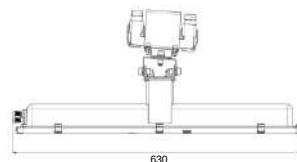
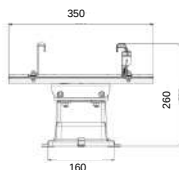
Flux and power data are corresponding to typical values referring to ambient temperature (Ta) equal to 25° C or 77° F with tolerance ± 7%
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MINOX MINI



2 optics

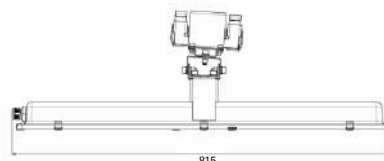
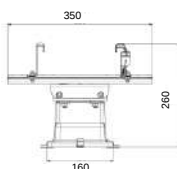


WEIGHT 5 kg

MINOX MAXI



4 optics

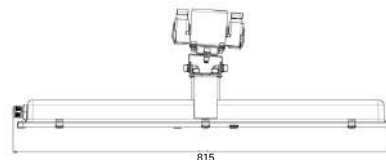
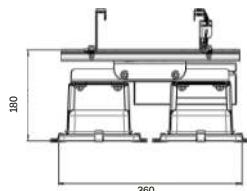


WEIGHT 8 kg

MINOX MAXI 2 modules

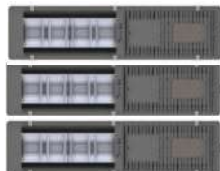


From 6 to 8 optics

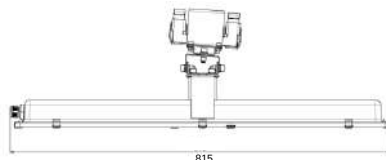
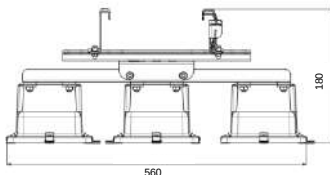


WEIGHT 14 kg

MINOX MAXI 3 modules

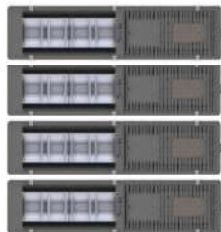


From 10 to 12 optics

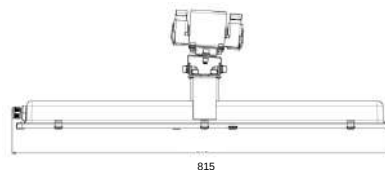
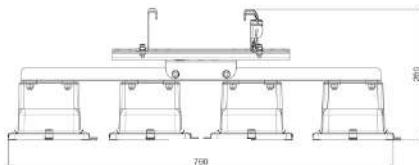


WEIGHT 19 kg

MINOX MAXI 4 modules

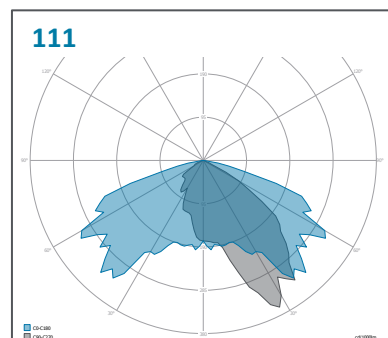
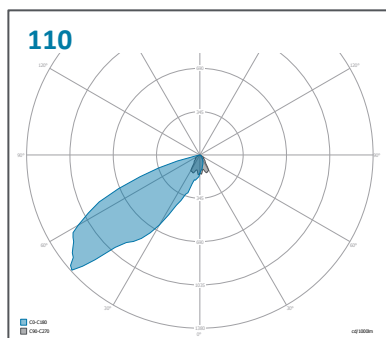
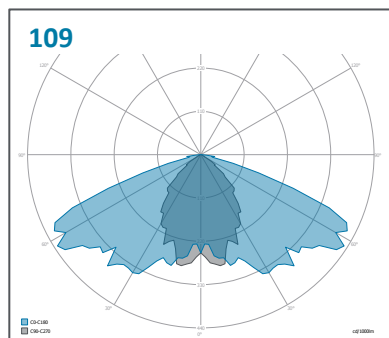


From 12 to 14 optics



WEIGHT 26 kg

AVAILABLE OPTICS



TECHNICAL DATA

*** Optics 109-110-111

	CODE	NB. OPTICS	FLUX (lm) @4000k	POWER (W)	EFFICIENCY (lm/W)
MINOX MINI	MIX00BORR0***G02Tx	2	3629	25	143
	MIX00CORR0***G02Tx	2	5179	38	137
	MIX00DORR0***G02Tx	2	6667	49	135
MINOX MAXI	MIX00EORR0***G04Tx	4	10358	74	139
	MIX00FORR0***G04Tx	4	13171	96	137
MINOX MAXI 2 MODULES	MIX00GORR0***G06Tx	6	19771	147	135
	MIX00HORR0***G08Tx	8	26040	193	135
MINOX MAXI 3 MODULES	MIX00IORR0***G10Tx	10	32953	244	135
	MIX00JORR0***G12Tx	12	38753	289	134
MINOX MAXI 4 MODULES	MIX00KORR0***G14Tx	14	46134	341	135
	MIX00LORR0***G16Tx	16	52081	385	135

From 12 to 14 optics

WEIGHT 26 kg

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POSITION 1,2,3	PRODUCT FAMILY	M I X	Minox
POSITION 4,5,6,7	FLUX	00B0	3600 lm
		00C0	5200 lm
		00D0	6700 lm
		00E0	10400 lm
		00F0	13200 lm
		00G0	19800 lm
		00H0	26000 lm
		00I0	33000 lm
		00J0	38800 lm
		00K0	46100 lm
		00L0	52100 lm
POSITION 8	POWER SUPPLY PROGRAM	F	Fixed
		D	DALI
		T	TLC PLC
		R	TLC Radio
POSITION 9	CCT + CRI	R	4000K – CRI 70
		O	4000K – CRI 80
		S	5700K – CRI 70
POSITION 10,11,12,13	OPTIC	0109	Symmetric Optic
		0110	Counterbeam Optic
		0111	Asymmetric Optic
POSITION 14	COLOUR	G	Grey
POSITION 15,16	NB. OF OPTICS	1 - 16	1 ÷ 16 optics
POSITION 17	FIXING MODE/APPLICATION	T	Tunnel

EXAMPLE: Minox 2 optics, grey, 3629 lm– 4000K CRI 70, optic 109 and TLC PLC

COD	M	I	X	0	0	B	0	T	R	0	1	0	9	G	0	2	T
POS.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

The resulting code is: **MIX00B0TR0109G02T**