



- ▶ **Slim and slender architectural line.**
- ▶ **From 3 to 8 m, in single or double lights.**
- ▶ **Accommodates 1 or 2 modules, up to 48 LEDs.**

With its slender rectangular section (200 x 100 mm) and its monobloc structure, Alturan is a graphic and design urban furniture element. Made of galvanized steel, with an IP66 optical unit protected by IK08 tempered glass, it measures from 3 to 8 meters. Its lighting arm, whose inclination can vary from 0 to 10°, accommodates 8 to 48 LEDs, depending on the height of the light, and offers a wide range of color temperatures and photometrics to meet the lighting needs of roadways and pedestrian areas, while ensuring compliance with regulations against light pollution.

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*Regulation specific to France: Decree of 27/12/2018 relating to the prevention, reduction and limitation of light nuisance: product configuration to be defined according to the nature of the project.

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LUMINAIRE'S SPECIFICATIONS

Luminaire's body & Electrical Housing

Materials

Galvanised steel



Optical unit & control gear

EVO2 LED module from 8 to 24 LED - From 1000 to 6900 lm - Up to 13800 lm with 2 LED modules (see EVO2 attached data sheet for details on power, light intensities and available photometries). Integrated smart driver (control, automatic adjustment, CLO, graduation via voltage variation or DALI). ULR 0% (ULR: Upward Light Ratio).

Materials	Tempered glass
Electric class	I and II
Protection index	IP66
Shock resistance	IK08

Operating temperature: -40°C to +35°C (up to +50° under conditions).

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Two lights



Wall-mounted



Outreach	800 mm	1200 mm	1500 mm
Weight	18 kg	25 kg	31 kg

Surface mounted



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GENERAL SPECIFICATIONS

Heights & outreaches

Available heights: 3000 mm, 4000 mm, 5000 mm, 6000 mm, 7000 mm, 8000 mm
Available outreaches: 800 mm, 1200 mm, 1500 mm

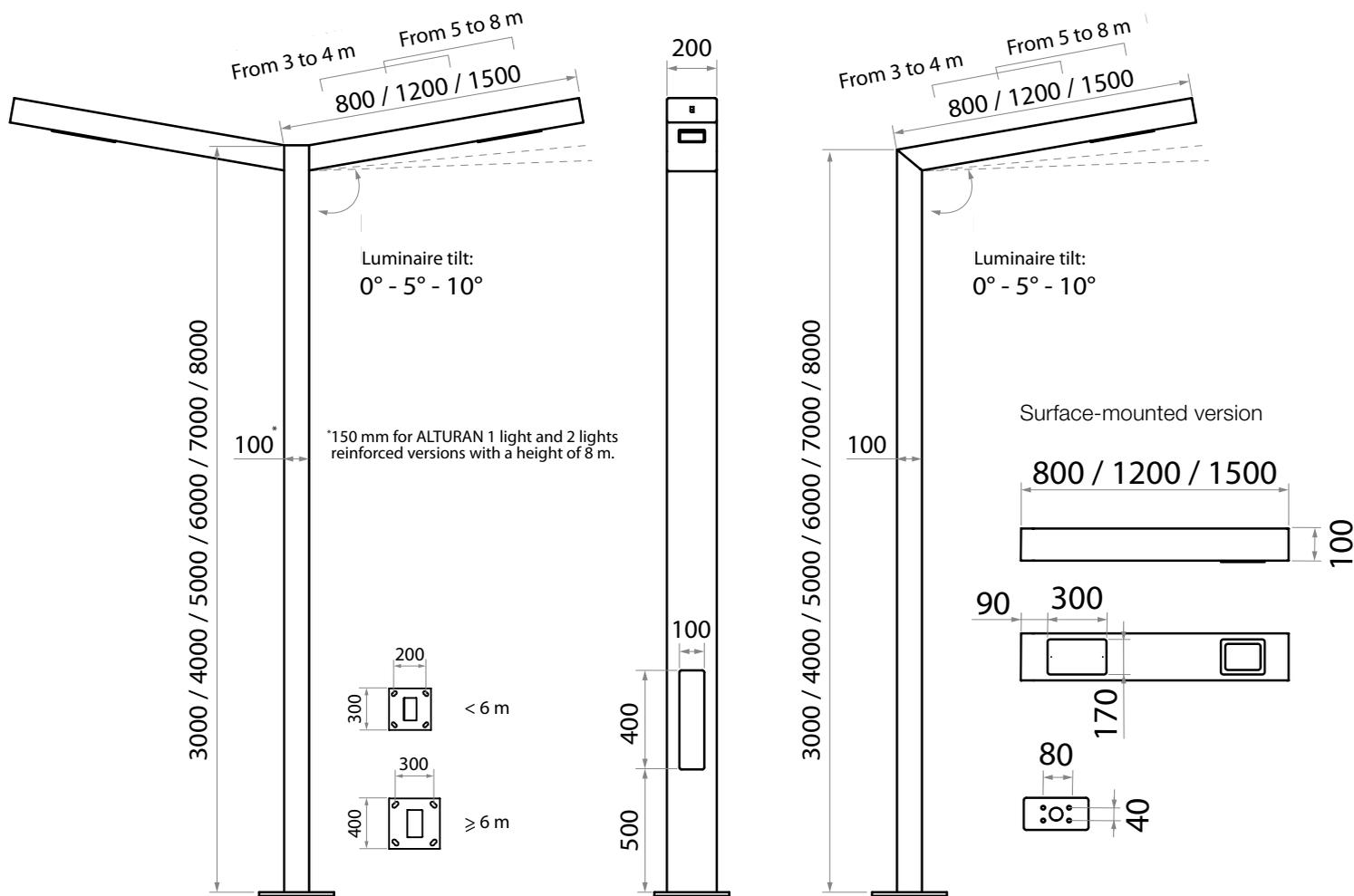
Mechanical specifications (EN 40)

		Guiana: 17 m/s	Area 1: 22 m/s	Area 2: 24 m/s	Area 3: 26 m/s	Area 4: 28 m/s	Martinique : 32 m/s	Reunion: 34 m/s	Guadeloupe : 36 m/s
3 m	Mf* (daN.m)	59	100	120	141	164	215	243	274
	T* (daN)	39	66	79	93	108	141	160	180
	Side of concrete block (m)	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
	Height of concrete block (m)	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5
	Anchor bolts	M14/Ø16x300	M14/Ø16x300	M14/Ø16x300	M14/Ø16x300	M14/Ø16x300	M14/Ø16x300	M14/Ø16x300	M14/Ø16x300
4 m	Mf* (daN.m)	118	201	241	284	332	434	493	556
	T* (daN)	57	98	117	138	161	210	239	269
	Side of concrete block (m)	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
	Height of concrete block (m)	0.4	0.5	0.5	0.5	0.6	0.7	0.7	0.8
	Anchor bolts	M14/Ø16x300	M14/Ø16x300	M14/Ø16x300	M14/Ø16x300	M14/Ø16x300	M14/Ø16x300	M14/Ø16x300	M14/Ø16x300
5 m	Mf* (daN.m)	204	351	421	499	585	764	869	983
	T* (daN)	78	134	162	191	224	293	333	376
	Side of concrete block (m)	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
	Height of concrete block (m)	0.5	0.6	0.6	0.7	0.7	0.9	0.9	1.0
	Anchor bolts	M14/Ø16x300	M14/Ø16x300	M14/Ø16x300	M14/Ø16x300	M14/Ø16x300	M14/Ø16x300	M14/Ø16x300	M14/Ø16x300
6 m	Mf* (daN.m)	321	556	671	797	936	1189	1355	1534
	T* (daN)	102	176	212	252	296	376	428	485
	Side of concrete block (m)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	Height of concrete block (m)	0.5	0.7	0.7	0.8	0.9	1	1.1	1.2
	Anchor bolts	M18/Ø20x400	M18/Ø20x400	M18/Ø20x400	M18/Ø20x400	M18/Ø20x400	M18/Ø20x400	M18/Ø20x400	M18/Ø20x400
7 m	Mf* (daN.m)	473	822	992	1181	1389	1801	2057	2332
	T* (daN)	127	221	267	318	374	485	553	627
	Side of concrete block (m)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	Height of concrete block (m)	0.6	0.8	0.9	1	1.1	1.3	1.4	1.5
	Anchor bolts	M18/Ø20x400	M18/Ø20x400	M18/Ø20x400	M18/Ø20x400	M18/Ø20x400	M18/Ø20x400	M18/Ø20x400	M18/Ø20x400
8 m	Mf* (daN.m)	647	1130	1366	1628	1916	2328	2654	3004
	T* (daN)	152	265	320	381	449	545	621	703
	Side of concrete block (m)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6
	Height of concrete block (m)	0.7	1	1.1	1.2	1.3	1.4	1.5	1.5
	Anchor bolts	M18/Ø20x400	M18/Ø20x400	M18/Ø20x400	M18/Ø20x400	M18/Ø20x400	M18/Ø20x400	M18/Ø20x400	M24/Ø25x600

*Mf: Bending moment. *T: Shear force. Calculations and technical information are provided for reference only. The manufacturer cannot be held responsible. The technical or aesthetic specifications are subject to change without notice.

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Dimensions (mm)



Options

- Surge protector.
- Backlight control.
- NTC sensor.
- Presence detector.

Ecodesign

Luminaire designed in compliance with the environmental criteria of energy efficiency, recyclability and interoperability.

Associate member of the Zhaga consortium, Ragni integrates electronic elements in this product that comply with the Zhaga standard, which ensures its scalability and interoperability.

Member of the Global Compact since 2018, Ragni is committed to working towards the 17 Sustainable Development Goals (SDG 11, 12, 13, 15).

Luminaire guaranteed free of hazardous substances.

Luminaire eligible for the energy savings certificate.

Luminaire compliant with the decree of 27/12/2018 on the prevention, reduction and limitation of light pollution: product configuration to be defined according to the nature of the project.



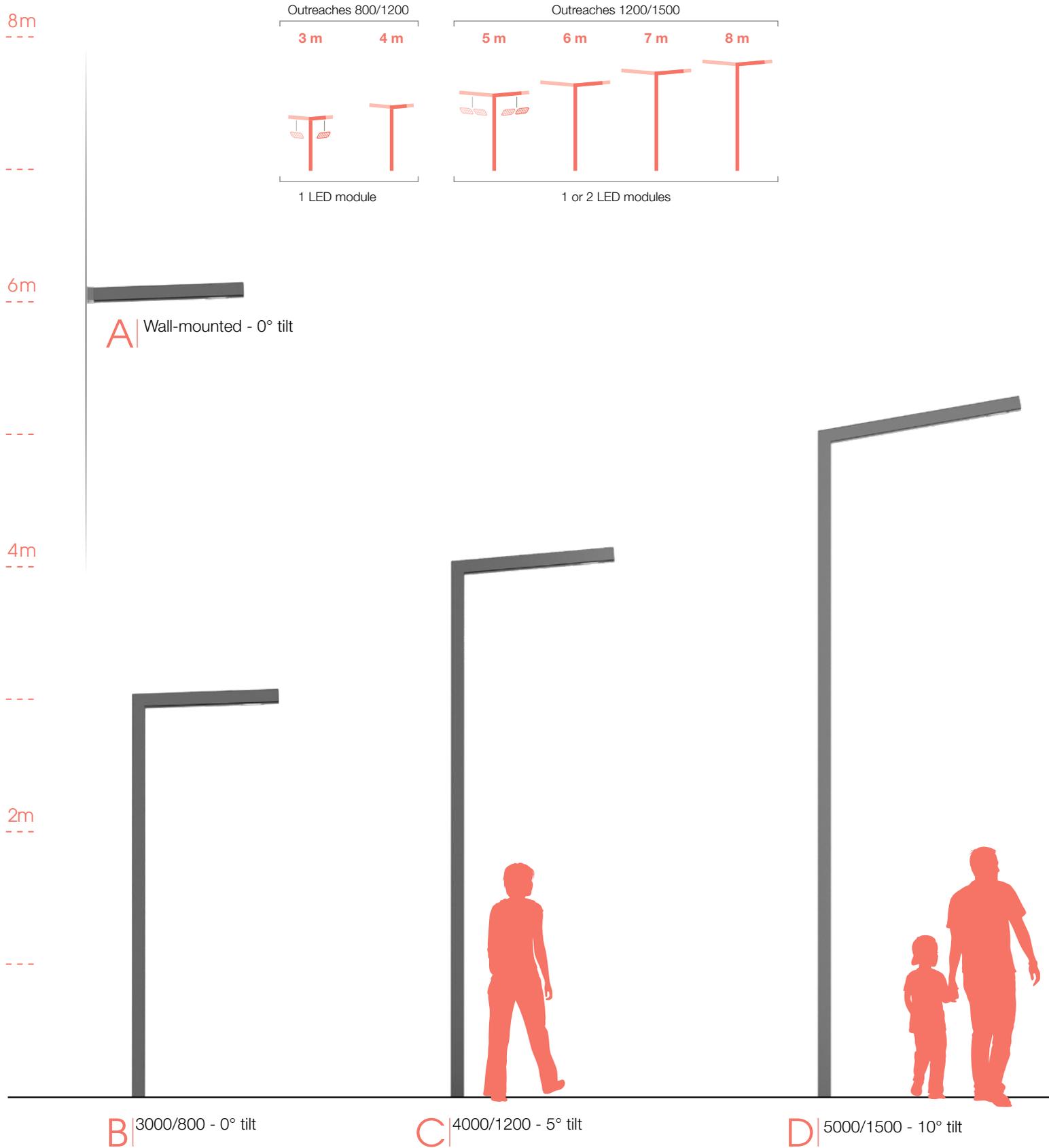
Applicable standards

IEC/EN 60598-1 / IEC/EN 60598-2-3 / NF EN 60529 / NF EN 62262 / IEC/EN 55015 / IEC/EN 61547 / IEC/EN 61000-3.2 / IEC/EN 61000-3.3 / IEC/EN 62493 / IEC/EN 62031 / IEC/EN 62471 / IEC/EN 61347-1 / IEC/EN 61347-2-13 / NF EN 13201-3 / NF EN 13201-4 / EN 13032-1+A1 & EN 13032-4 / LM79 / NF EN 12981

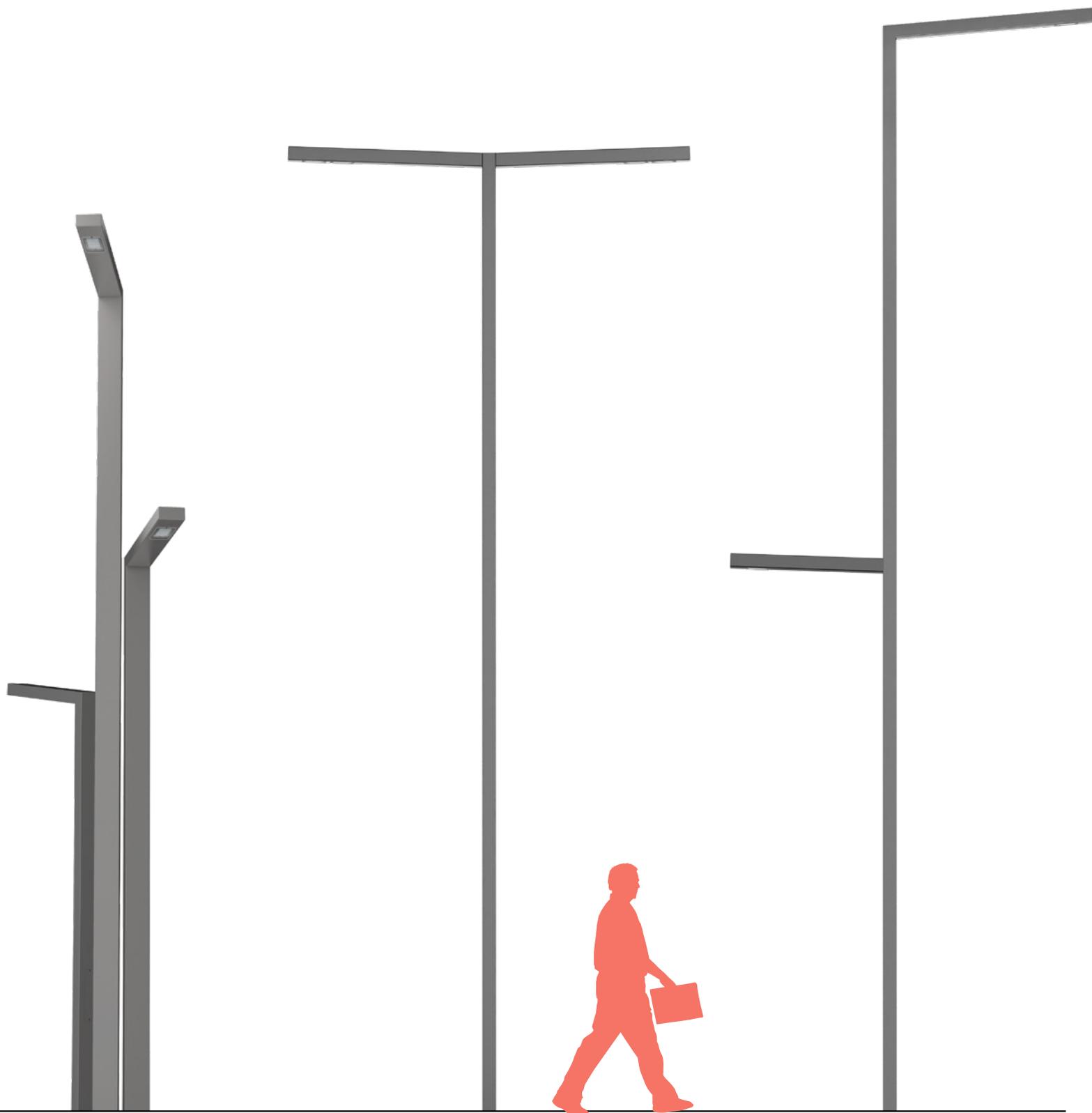
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Sets proposals

STANDARD CONFIGURATIONS:



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E | Bouquet of 3 sizes -
3000, 4000, 6000

F | 7000/1500 - 2 lights - 0° tilt

G | 8000/1500 - 5° tilt
Surface-mounted 1200 - 0° tilt

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