Made of aluminum and featuring symmetrical lines, Bento is a minimalist design luminaire available in 3 sizes. Rectangular, it has a compartment housing the equipment at the back, harmoniously joining the illuminating part. The fins on the top allows heat dissipation. With a dual compartment, it is fully IP66. Its sleeve is adaptable for a side or top mounting with adjustable tilt. Bento receives 12 to 72 LEDs depending on the size and can provide high performance asymmetrical road lighting via 3000K or 4000K color temperature, while ensuring compliance with the regulations against light pollution. It can be equipped with intelligent devices thanks to socket integration with Zhaga or NEMA standards and its Zhaga D4i certification.

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

03/24/2022-All informations are subject to change without notice.

BENTO

2500 lm
⌄
53500 lm

Zhaga standard

Ouverture sans outils
Tool free opening

IK10 IP66

▸ **Zhaga D4i certified.**

▸ **Adjustable sleeve for lateral or top mounting.**

▸ **Available in 3 sizes.**

▸ **IP66 double compartment.**

ZD⁴™

Thermal regulation
fins.

IP66 optical
compartment.

IP66 electrical
compartment.

Driver.

BENTO

Zhaga standard driver support.

Cable gland.

Tool-free opening trigger

IP68 vent.

Sleeve tilt adjustment.

Quick and tool-free connector.

Smart lighting accessory space

BENTO S

LUMINAIRE'S SPECIFICATIONS

Luminaire's body

Weight	8 lbs
EPA	0.46
Protection index	IP66
Materials	Aluminium

Tool-free opening of the electrical compartment

Standard color: Sanded grey 2900

Double hinge

Thermal reglation fins

Adjustable sleeve / Side mounted : -10°/ -5°/ 0° Top mounted : -15°/ -10°/ -5°/ 0°/ 5°/ 10°/ 15°

Ø60 (Ø34/Ø42/Ø48 / with reducing wedge in option) Ø76 (Top mounted option)

Driver integrated in the luminaire

IP66 Double compartment
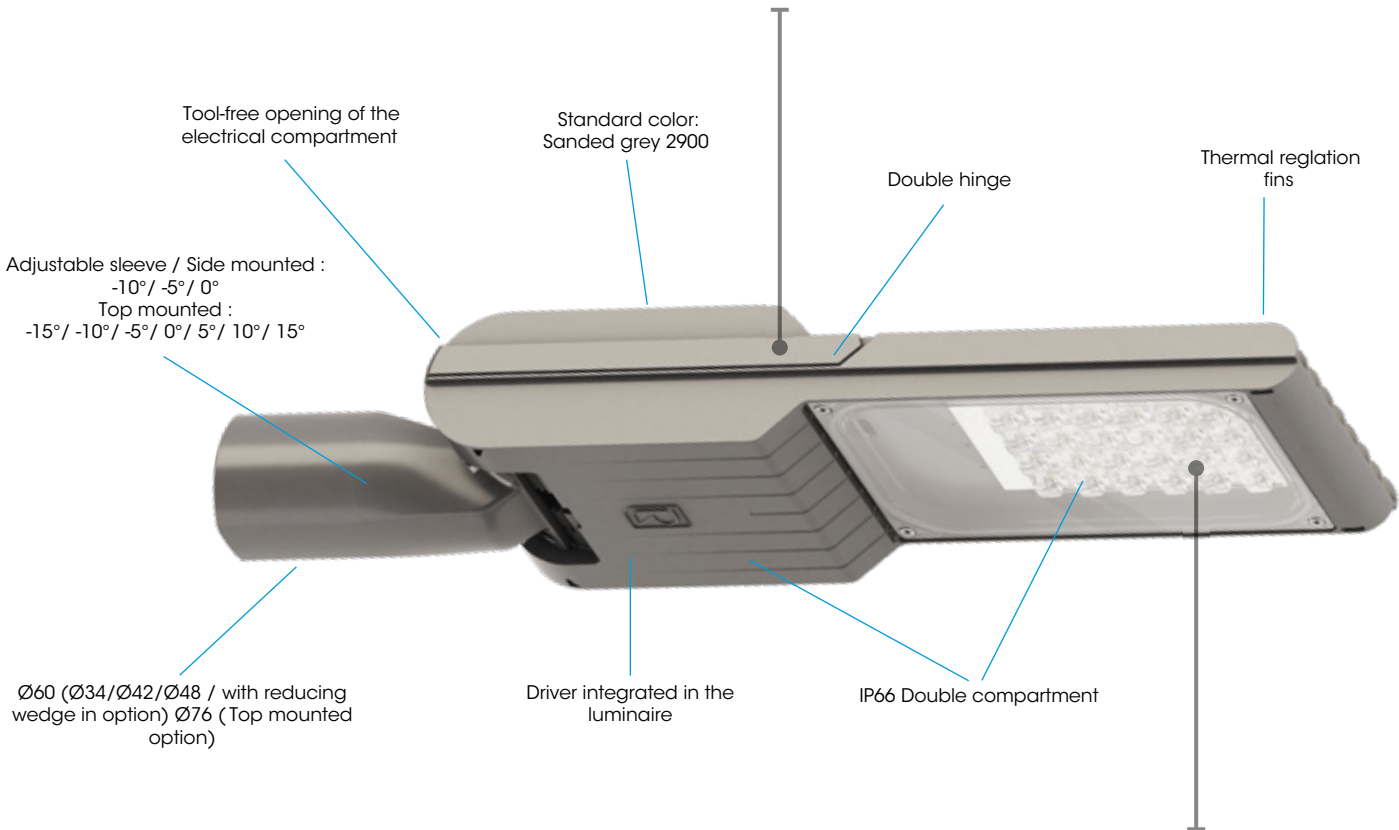
Optical unit & control gear

12 to 24 LED PCB in Zhaga stan-dard - From 2500 to 14200 lm (see attached Bento datasheet for details on power, light intensity and photometry available). Integrated smart driver (control, automatic adjustment, CLO, graduation via voltage variation, DALI or Zhaga D4i). ULR 0% *(LED) (ULR: Upward Light Ratio).*
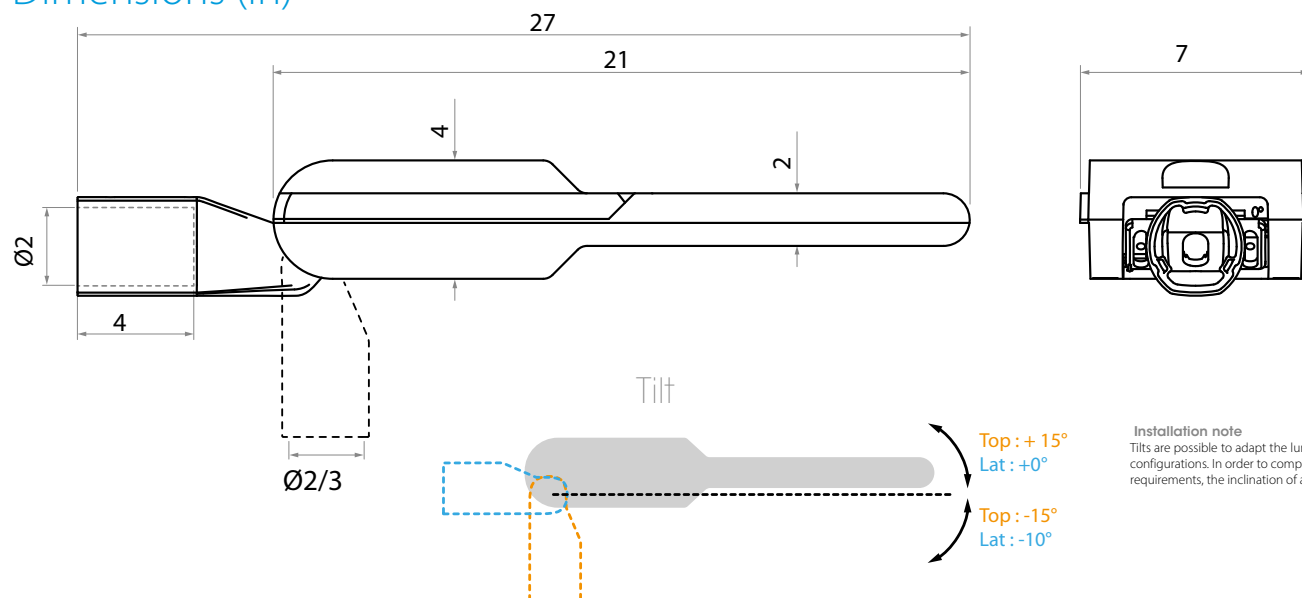
Materials	PC with anti-UV treatment	Tempered glass
Electric class	I and II	
Protection index	IP66	
Shock resistance	IK10	IK08

Operating temperature: -13°F to +95°F (up to +50° under conditions).

Dimensions (in)

Tilt

Top : + 15°
Lat : +0°

Top : -15°
Lat : -10°
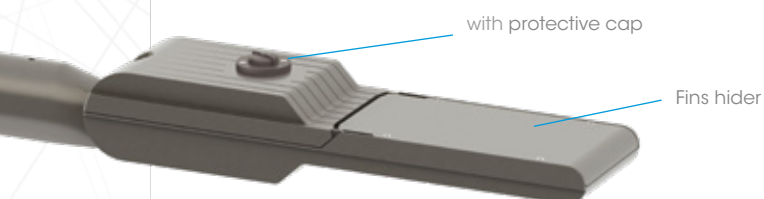
Installation note
Tilts are possible to adapt the luminaire to different bracket configurations. In order to comply with light pollution control requirements, the inclination of a luminaire should not exceed 20°.

Options

- Pre-wiring.
- Surge protector.
- Zhaga socket or Nema socket on the top and/or bottom of the luminaire + smart lighting accessories (detection, communication, photocell, sensors...).

- Ø34/42/48 with reducing wedge, Ø76 top mounted.
- Backlight control.
- NTC sensor.
- Fins hider.

with protective cap

Fins hider

Zhaga socket

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 en-sures its scalability and interoperability. This luminaire is Zhaga D4i certified.

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.
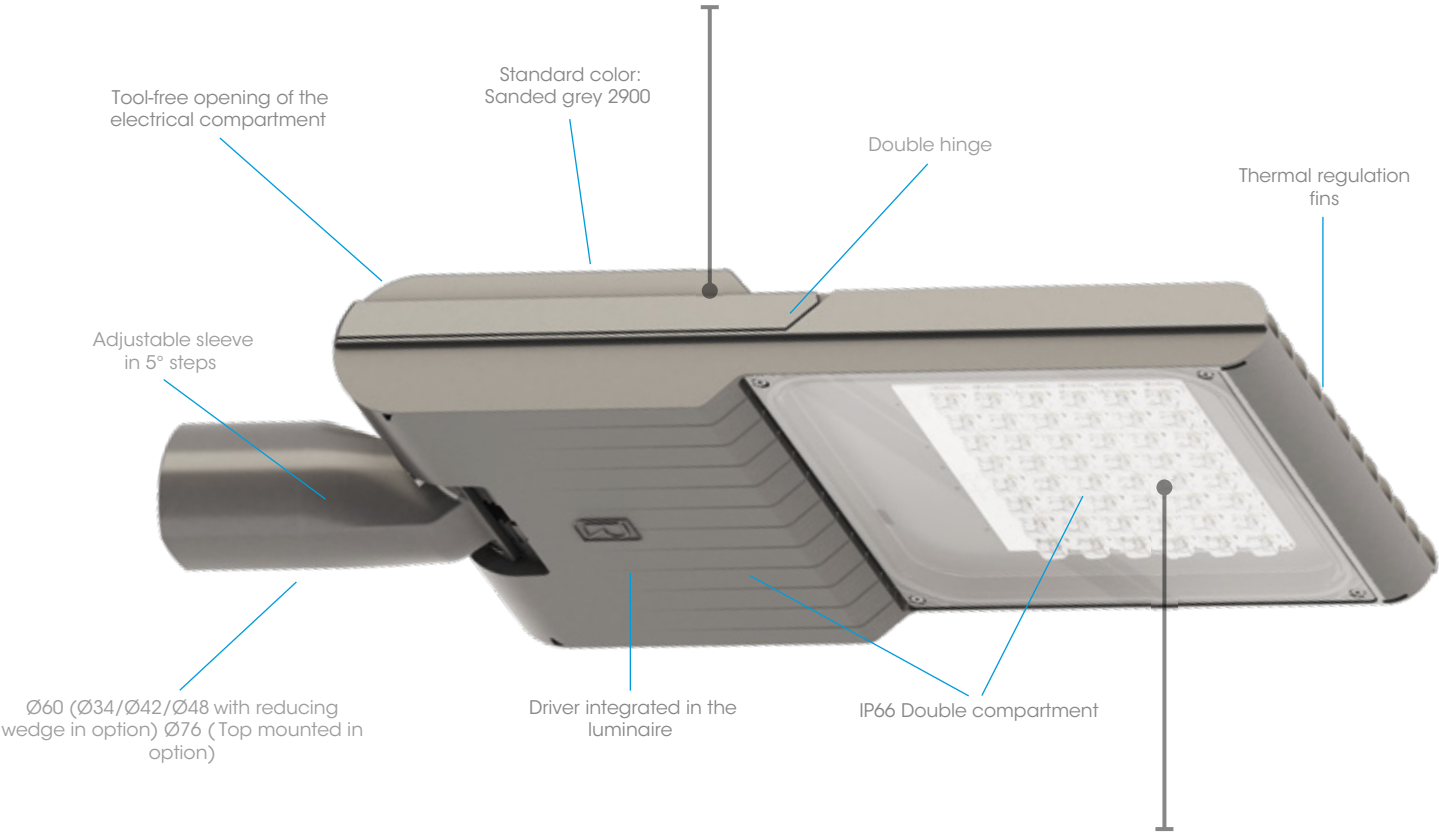
BENTO M

LUMINAIRE'S SPECIFICATIONS

Luminaire's body

Weight	12 lbs
EPA	0.53
Protection index	IP66
Materials	Aluminium

Tool-free opening of the electrical compartment

Standard color: Sanded grey 2900

Double hinge

Thermal regulation fins

Adjustable sleeve in 5° steps

Ø60 (Ø34/Ø42/Ø48 with reducing wedge in option) Ø76 (Top mounted in option)

Driver integrated in the luminaire

IP66 Double compartment
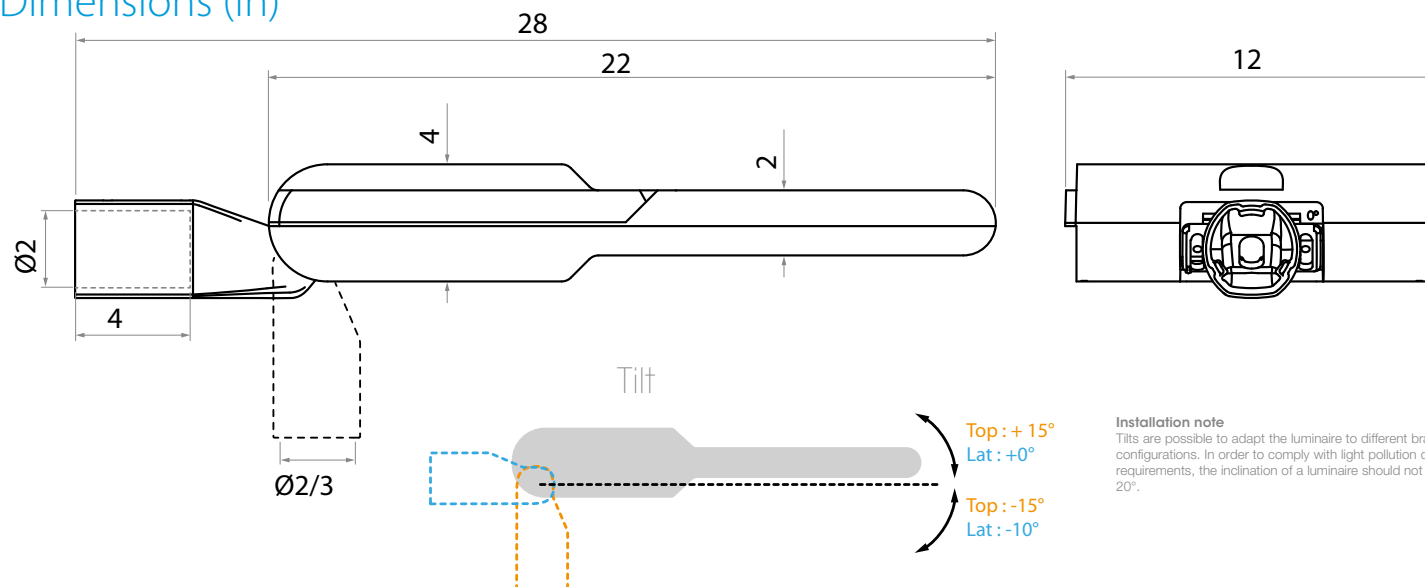
Optical unit & control gear

24 to 48 LED PCB in Zhaga standard - From 7200 to 28300 lm (see attached Bento datasheet for details on power, light intensity and photometry available). Integrated smart driver (control, automatic adjustment, CLO, graduation via voltage variation, DALI or Zhaga D4i). ULR 0% *(LED) (ULR: Upward Light Ratio)*.

Materials	PC with anti-UV treatment	Tempered glass
Electric class	I and II	
Protection index	IP66	
Shock resistance	IK10	IK08

Operating temperature: -13°F to +94°F (up to +50° under conditions).

Dimensions (in)

28

22

4

2

Ø2

4

Ø2/3

12
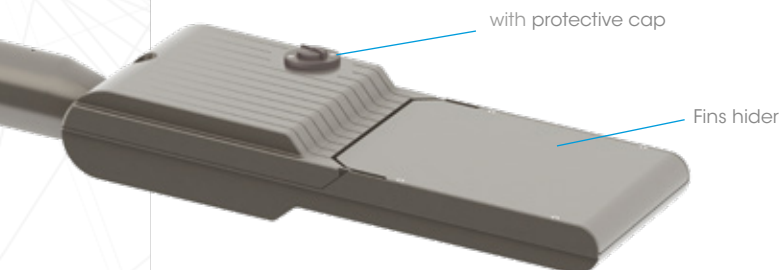
Tilt

Top : + 15°
Lat : +0°

Top : -15°
Lat : -10°

Installation note
Tilts are possible to adapt the luminaire to different bracket configurations. In order to comply with light pollution control requirements, the inclination of a luminaire should not exceed 20°.

Options

- Pre-wiring.
- Surge protector.
- Zhaga socket or Nema socket on the top and/or bottom of the luminaire + smart lighting accessories (detection, communication, photocell, sensors...).

- Ø34/42/48 with reducing wedge, Ø76 top mounted.
- Backlight control.
- NTC sensor.
- Automatic disconnection when the luminaire is opened.
- Fins hider.

with protective cap

Fins hider

Zhaga socket

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 en-sures its scalability and interoperability.This luminaire is Zhaga D4i certified.

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.
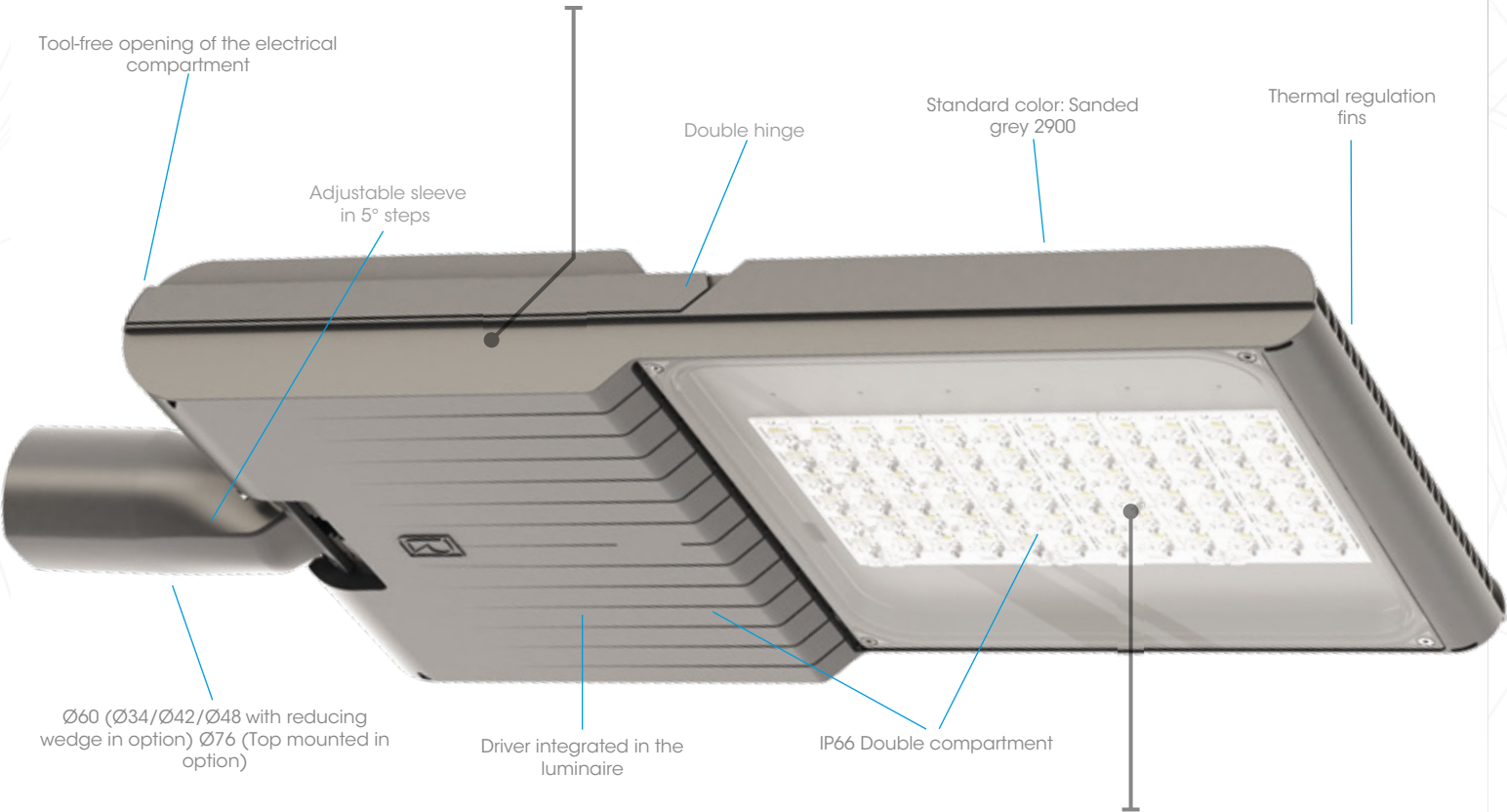
www.ragni-lighting.com

BENTO L

LUMINAIRE'S SPECIFICATIONS

Luminaire's body

Weight	22 lbs
EPA	0.62
Protection index	IP66
Materials	Aluminium

Tool-free opening of the electrical compartment

Adjustable sleeve in 5° steps

Double hinge

Standard color: Sanded grey 2900

Thermal regulation fins

Ø60 (Ø34/Ø42/Ø48 with reducing wedge in option) Ø76 (Top mounted in option)

Driver integrated in the luminaire

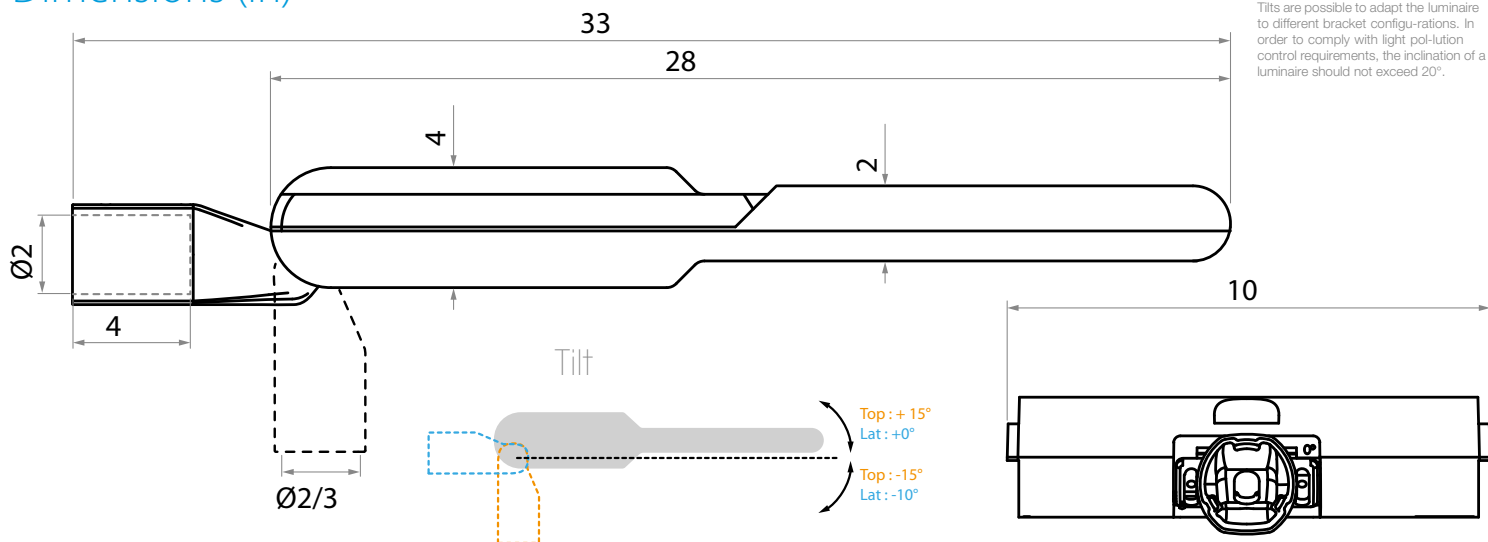IP66 Double compartment

Optical unit & control gear

72 LED PCB in Zhaga standard - From 21800 to 53500 lm (see attached Bento datasheet for details on power, light intensity and photometry available). Integrated smart driver (control, automatic adjustment, CLO, graduation via voltage variation, DALI or Zhaga D4i). ULR 0% *(LED)* *(ULR: Upward Light Ratio).*

Materials	PC with anti-UV treatment	Tempered glass
Electric class	I and I	
Protection index	IP66	
Shock resistance	IK10	IK08

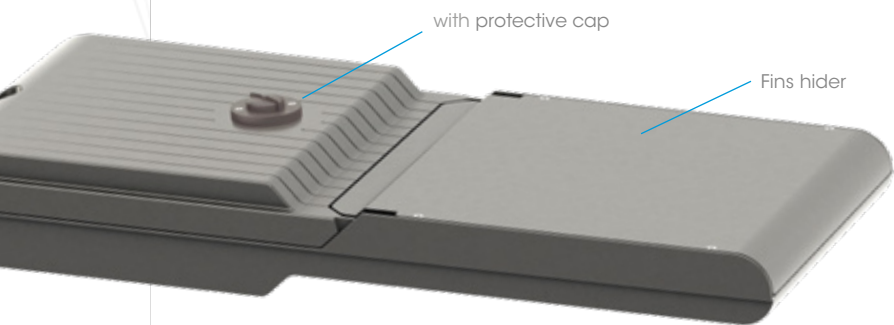Operating temperature: -13°F to +95°F (up to +50° under conditions).

Dimensions (in)

33
28
4
2
Ø2
4
Ø2/3

Tilt

Top : + 15°
Lat : +0°
Top : -15°
Lat : -10°

10

Options

- Pre-wiring.
- Surge protector.
- Zhaga socket or Nema socket on the top and/or bottom of the luminaire + smart lighting accessories (detection, communication, photocell, sensors...).

- Ø34/42/48 with reducing wedge, Ø76 top mounted.
- Backlight control.
- NTC sensor.
- Automatic disconnection when the luminaire is opened.
- Fins hider.

with protective cap

Fins hider

Zhaga socket

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 en-sures its scalability and interoperability. This luminaire is Zhaga D4i certified.

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.

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POWERS AND **LUMINOUS INTENSITIES** - *LUMINAIRE OUTPUT DATA*

3000 K			350			500			700			1050		
	Number of LED	PCB	P_t (W)	Φ (lm)	(lm/W)	P_t (W)	Φ (lm)	(lm/W)	P_t (W)	Φ (lm)	(lm/W)	P_t (W)	Φ (lm)	(lm/W)
Bento S	12	6P2S	17	2462	145	25	3472	139	37	4759	129	57	6840	120
	24	4P6S	51	7274	143	75	10138	136	107	13681	128	—	—	—
Bento M	24	6P4S	33	4923	150	49	6945	142	70	9517	136	107	13681	128
	48	4P6S	103	14548	142	151	20277	135	215	27361	128	—	—	—
	48	6P4S	66	9847	150	97	13890	144	140	19034	136	214	27361	128
Bento L	72	4P6S	154	21822	142	226	30415	135	322	41043	128	—	—	—
	72	6P4S	98	14770	151	146	20834	143	209	28553	137	321	41043	128

4000 K			350			500			700			1050		
	Number of LED	PCB	P_t (W)	Φ (lm)	(lm/W)	P_t (W)	Φ (lm)	(lm/W)	P_t (W)	Φ (lm)	(lm/W)	P_t (W)	Φ (lm)	(lm/W)
Bento S	12	6P2S	17	2547	150	25	3593	144	37	4923	134	57	7077	125
	24	4P6S	51	7527	148	75	10490	140	107	14156	133	—	—	—
Bento M	24	6P4S	33	5094	155	49	7186	147	70	9848	141	107	14156	133
	48	4P6S	103	15053	147	151	20980	139	215	28311	132	—	—	—
	48	6P4S	66	10188	155	97	14372	149	140	19695	141	214	28311	133
Bento L	72	4P6S	154	22580	147	226	31471	140	322	42467	132	—	—	—
	72	6P4S	98	15282	156	146	21558	148	209	29543	142	321	42467	133

Luminaire output data (real operating values, including optical losses)

P_t (W) = Total power consumption including driver consumption • Φ Nominal flux (lm) • Luminous efficiency (lm/W)
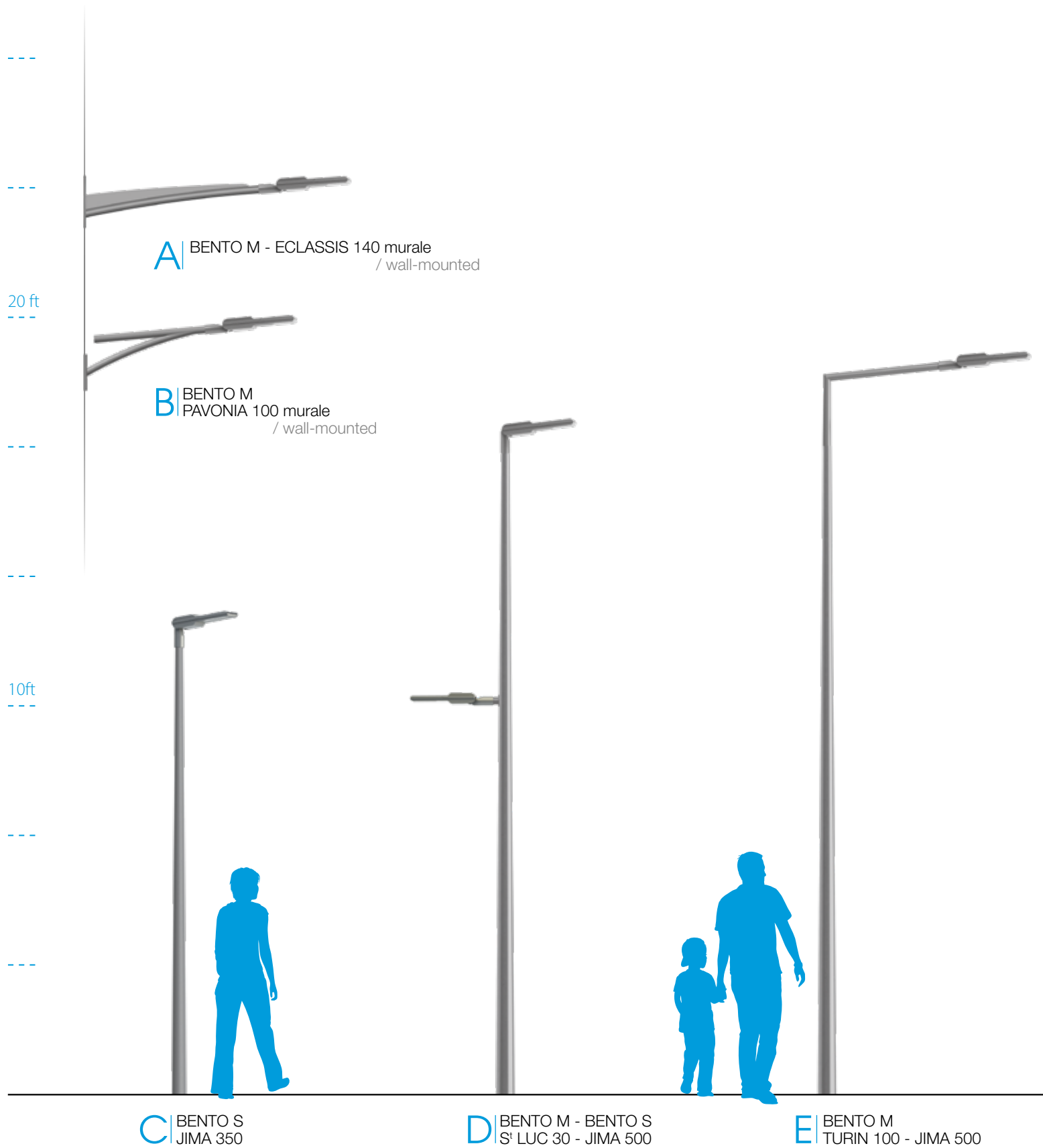
ORDERING **INFORMATION**

Model	Size	# LED	Drive Current (mA)	CCT (K)	Distribution	Line Voltage	Mounting	Color
BEN	S	12	35-(350mA)	3- (3000k)	T3	1-(120-277)	TP/LT	BLK-(Black)
	M	24-4P6S	50-(500mA)	4-(4000k)	T4	3-(347-480)		BRZ-(Bronze)
	L	24-6P4S	70-(700mA)			C-(CUSTOM)		SLV-(Silver)
		48-4P6S	105-(1050mA)					WHT-(White)
		48-6P4S	C-(CUSTOM)					(RAL#)
		72-4P6S						
		72-6P4S						

19/01/2022 - Toutes les informations sont susceptibles de modification sans préavis. / All informations are subject to change without notice.

www.ragni-lighting.com

Sets proposals

- **Standard color:** Sanded grey 2900.
- **Option:** other colors on request.

20 ft

10ft

A | BENTO M - ECLASSIS 140 murale
/ wall-mounted

B | BENTO M
PAVONIA 100 murale
/ wall-mounted

C | BENTO S
JIMA 350

D | BENTO M - BENTO S
S^t LUC 30 - JIMA 500

E | BENTO M
TURIN 100 - JIMA 500

Non-contractual visuals
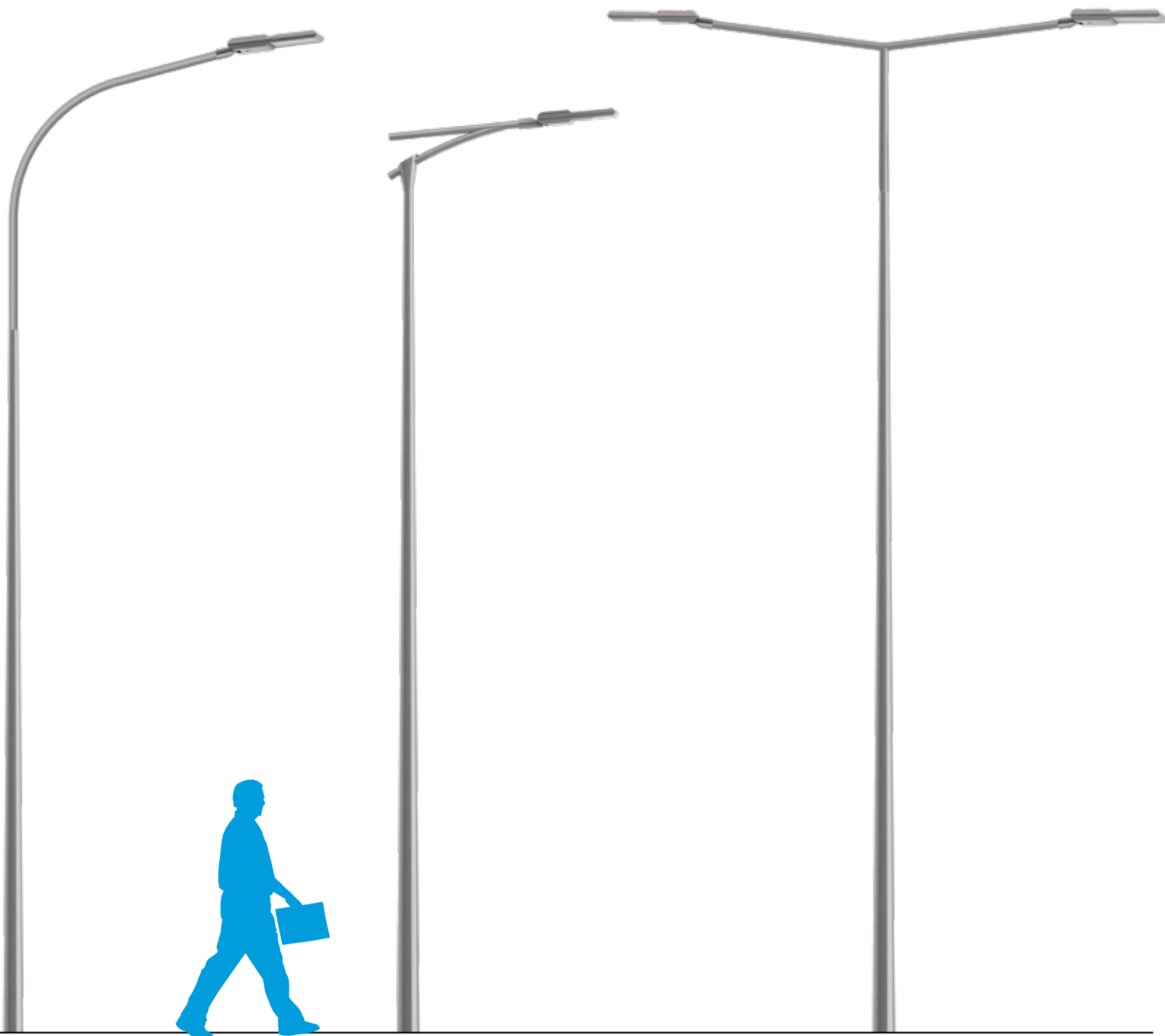
BENTO

F | BENTO L
PARME 100/150 - JIMA 500

G | BENTO M - PAVONIA 100
JIMA 600

H | BENTO L
TURIN 100/120 - JIMA 600