

DEIKO

ROAD | DEIKO



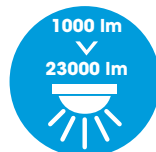
- ▶ Zhaga D4i certified.
- ▶ Available in 2 sizes.
- ▶ IP66 double compartment.
- ▶ Adjustable sleeve for lateral or top mounting.





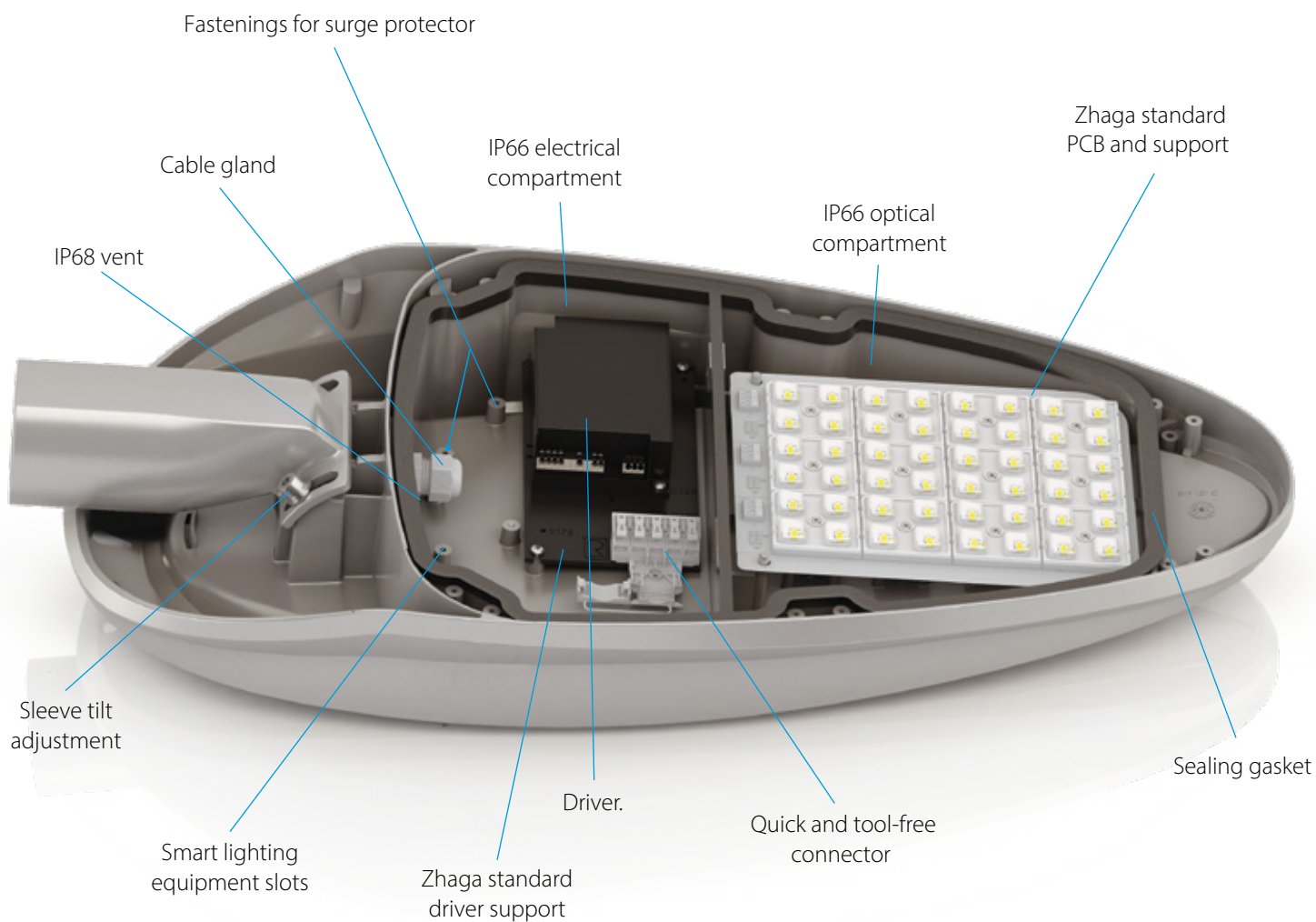
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Zhaga
standard



In the functional range, Deiko consists of a body in aluminum and a tempered glass finish. Its ovoid shape gives it a distinctive aesthetic character. Available in two sizes, it can be fixed laterally or on top. Thanks to a discreetly integrated sleeve, it can be tilted from 0° to -10° horizontally and from -15° to 15° vertically in 5-in-5 steps. The luminaire is equipped with a double compartment separating control gear and LED module. It features an IK08 tempered glass and the IK10 body with a fully IP66 sealed assembly. Deiko is available with 8 to 80 LEDs depending on the size. Through a wide range of color temperatures and photometrics, Deiko provides high performance asymmetrical road lighting while ensuring compliance with the regulations against light pollution. Deiko can be equipped with intelligent devices thanks to its socket integration with Zhaga or NEMA standards and its Zhaga D4i certification.

02/16/2022 - All informations are subject to change without notice.



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 in option)

DEIKO

Socket for Zhaga or
NEMA standard
communication
module



Tool-free opening
with 1/4 turn clip

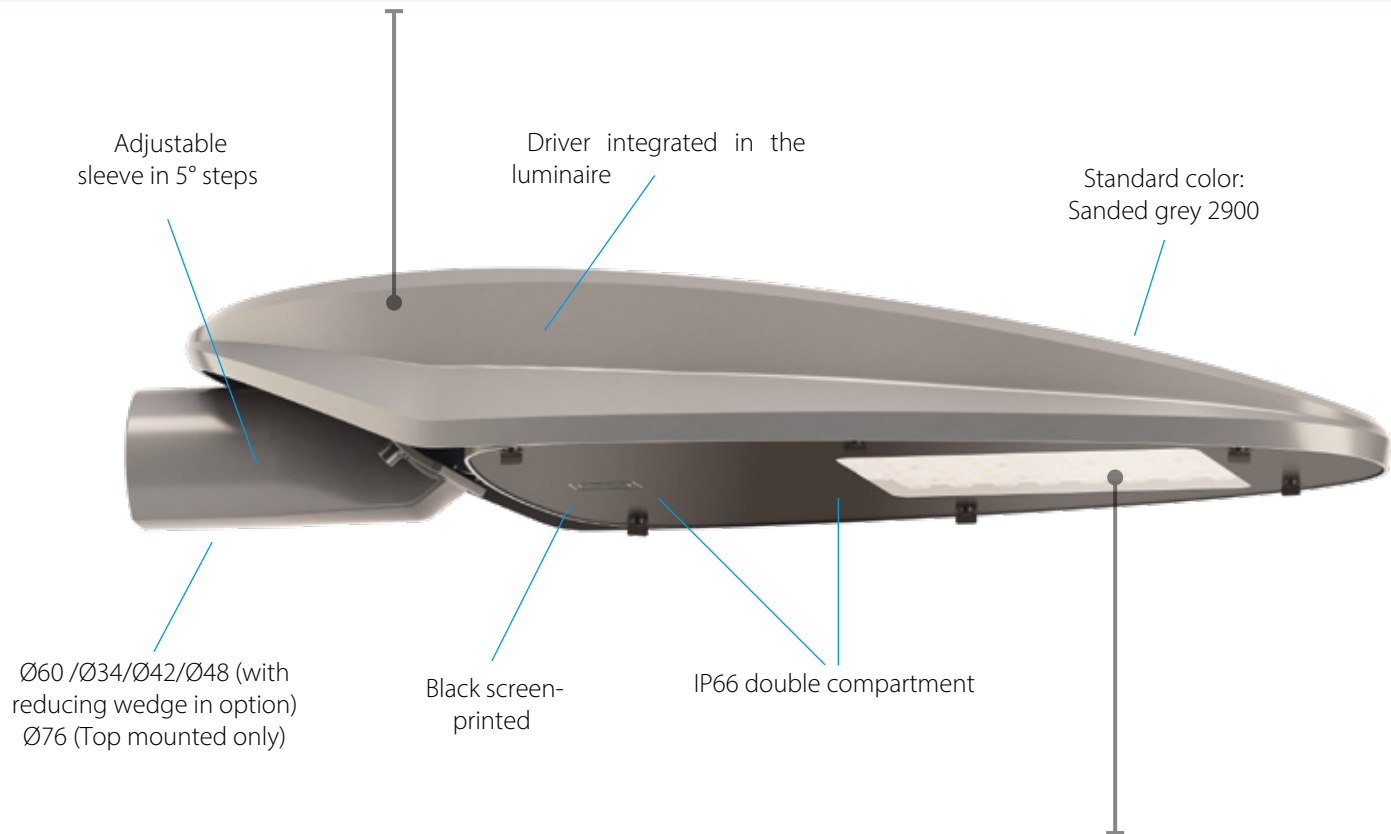
Screen-printed
tempered glass



DEIKO S

LUMINAIRE'S SPECIFICATIONS

Weight	20 lbs
EPA	0.61
Protection index	IP66
Materials	Aluminium



Optical unit & control gear

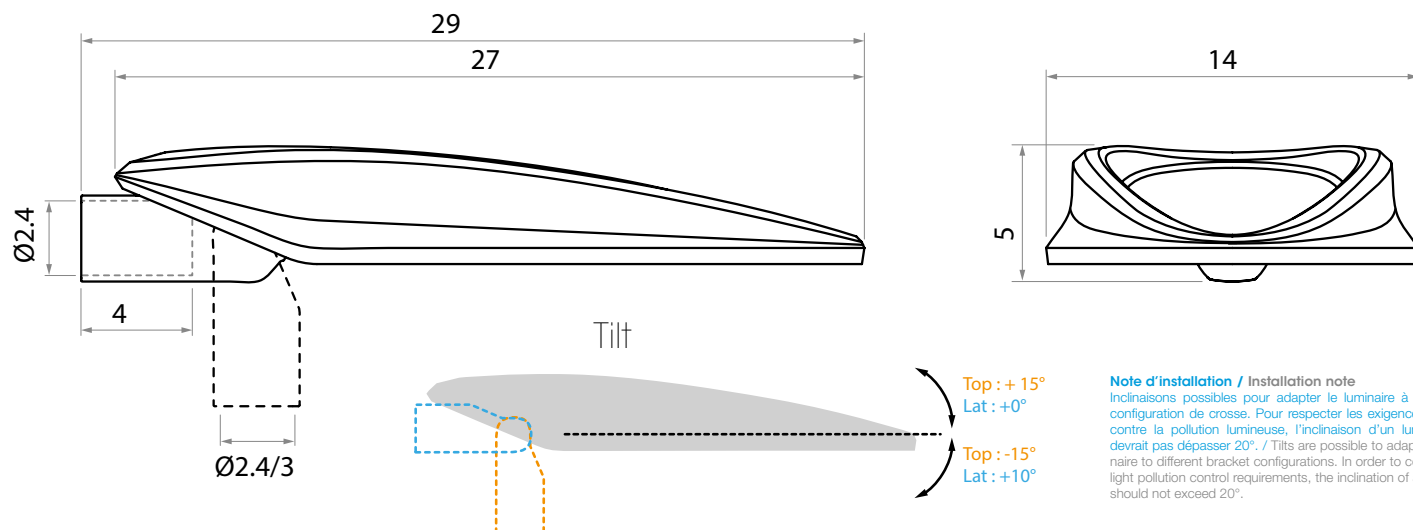
8 to 48 LED PCB in Zhaga standard - From 1000 to 13800 lm (see attached Deiko datasheet for details on power, light intensity and photometry available). Integrated smart driver (control, automatic adjustment, CLO, graduation via voltage variation, DALI or Zhaga D4i). ULR 0% (LED) (ULR: Upward Light Ratio).

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

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

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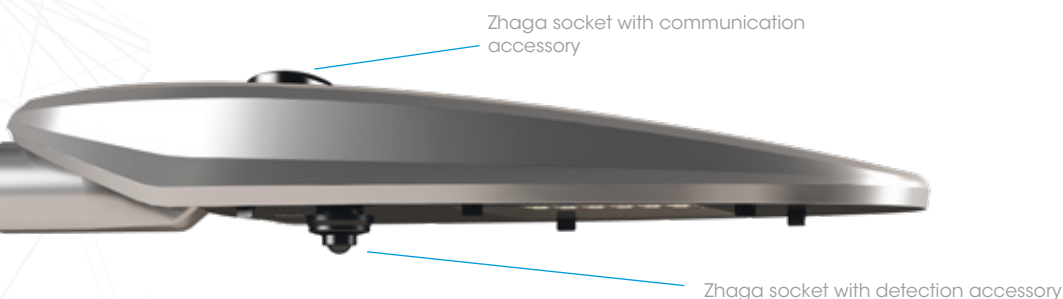
Dimensions (in)



Note d'installation / Installation note
Inclinaisons possibles pour adapter le luminaire à différentes configurations de crosse. Pour respecter les exigences de lutte contre la pollution lumineuse, l'inclinaison d'un luminaire ne devrait pas dépasser 20°. / 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...).
- $\varnothing 34/42/48$ with reducing wedge, $\varnothing 76$ top mounted.
- Backlight control.
- NTC sensor.



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. 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.

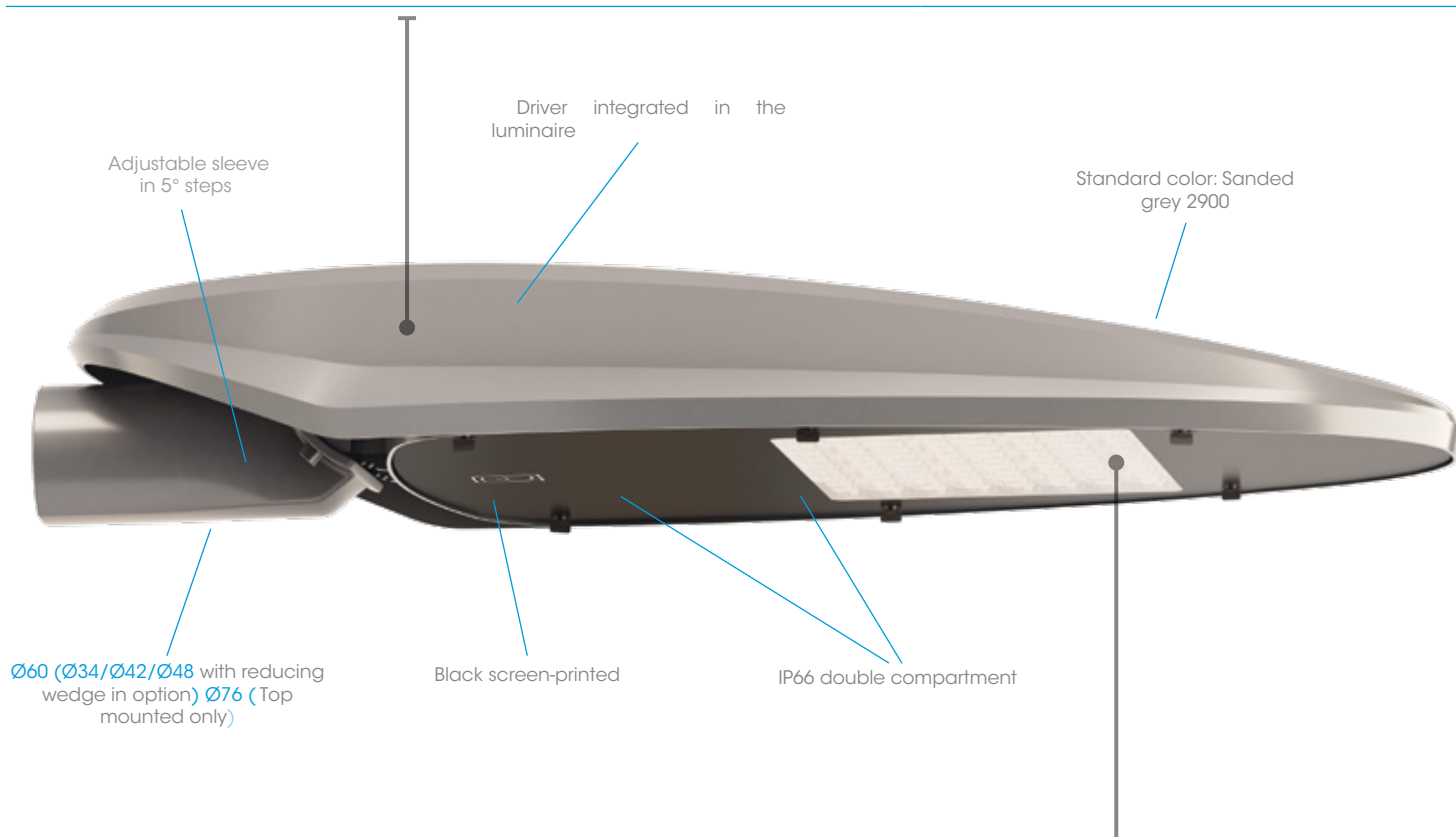
Luminaire eligible for the energy savings certificate.

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.

DEIKO M

LUMINAIRE'S SPECIFICATIONS

Weight	22 lbs
EPA	0.67
Protection index	IP66
Materials	Aluminium



Optical unit & control gear

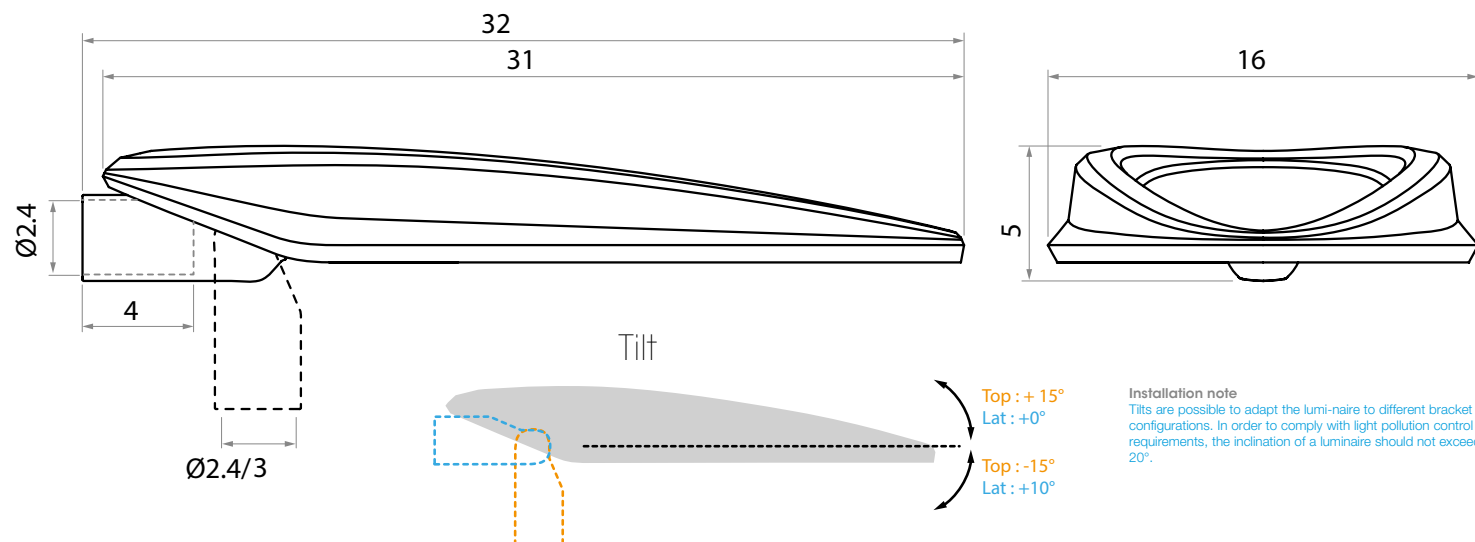
32 to 80 LED PCB in Zhaga standard - From 3100 to 23000 lm (see attached Deiko datasheet for details on power, light intensity and photometry available). Integrated smart driver (control, automatic adjustment, CLO, graduation via voltage variation, DALI or Zhaga D4i). ULR 0% (LED) (ULR: Upward Light Ratio).

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

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

02/16/2022 All informations are subject to change without notice.

Dimensions (in)



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...).
- $\varnothing 34/42/48$ with reducing wedge, $\varnothing 76$ top mounted.
- Backlight control.
- NTC sensor.



Zhaga socket with detection accessory



Ecodesign

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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.

POWERS AND LUMINOUS INTENSITIES - LUMINAIRE OUTPUT DATA

		3000 K	350 mA			500 mA			700 mA		
		Number of LED	P _t (W)	Φ (lm)	(lm/W)	P _t (W)	Φ (lm)	(lm/W)	P _t (W)	Φ (lm)	(lm/W)
DEIKO M	DEIKO S	8	10	1210	121	14	1660	119	19	2255	119
		12	15	1816	122	20	2491	125	27	3382	126
		16	19	2421	128	26	3321	128	36	4509	126
		24	27	3631	135	38	4981	132	52	6764	131
		32	35	4842	139	49	6642	136	69	9018	131
		48	51	7263	143	73	9963	137	103	13527	132
		64	68	9684	143	96	13283	139	136	18036	133
		80	84	12104	145	120	16604	139	172	22546	132

		4000 K	350 mA			500 mA			700 mA		
		Number of LED	P _t (W)	Φ (lm)	(lm/W)	P _t (W)	Φ (lm)	(lm/W)	P _t (W)	Φ (lm)	(lm/W)
DEIKO M	DEIKO S	8	10	1238	124	14	1698	122	19	2305	122
		12	15	1857	124	20	2547	128	27	3459	129
		16	19	2475	131	26	3396	131	36	4611	129
		24	27	3714	138	38	5094	135	52	6916	133
		32	35	4941	142	49	6791	139	69	9222	134
		48	51	7426	146	73	10187	140	103	13838	135
		64	68	9902	146	96	13583	142	136	18443	136
		80	84	12378	148	120	16979	142	172	23054	135

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

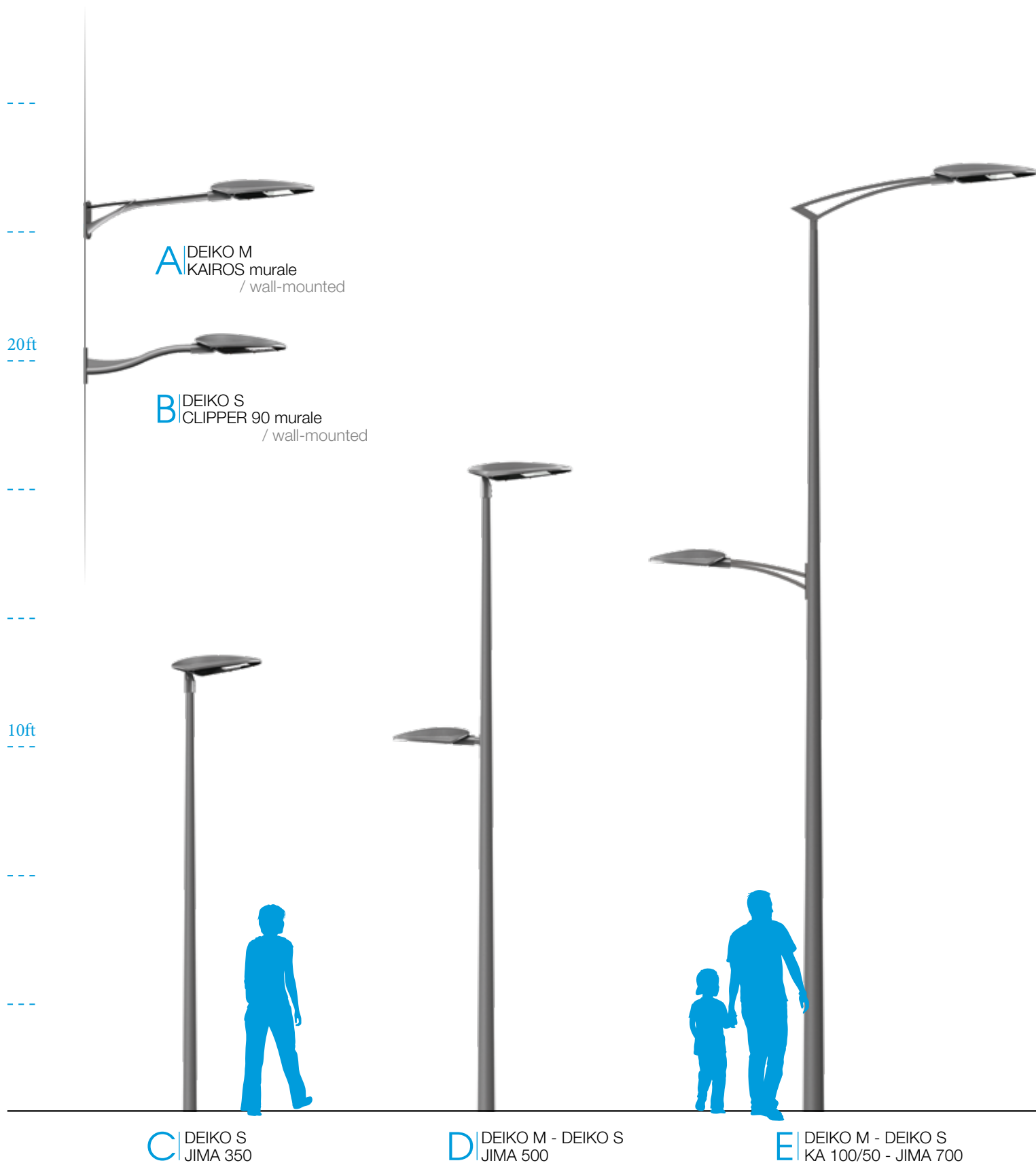
Model	Size	# LED	Drive Current (mA)	CCT (K)	Distribution	Line Voltage	Mounting	Color
DEI	S*	8	35-(350)	3-(3000)	T1	1-(120-277)	TP-(Top)	BLK-(Black)
	M*	12	50-(500)	4-(4000)	T2	3-(347-480)	LT-(Lateral)	BRZ-(Bronze)
		16	70-(700)		T3			SLV-(Sliver)
		24	C-(Custom)		T4			WHT-(White)
		32			T5			(RAL #)
		48						
		64						
		80						

* DEIKO S Available with 8-48 LED's & DEIKO M Available with 32-80 LED's

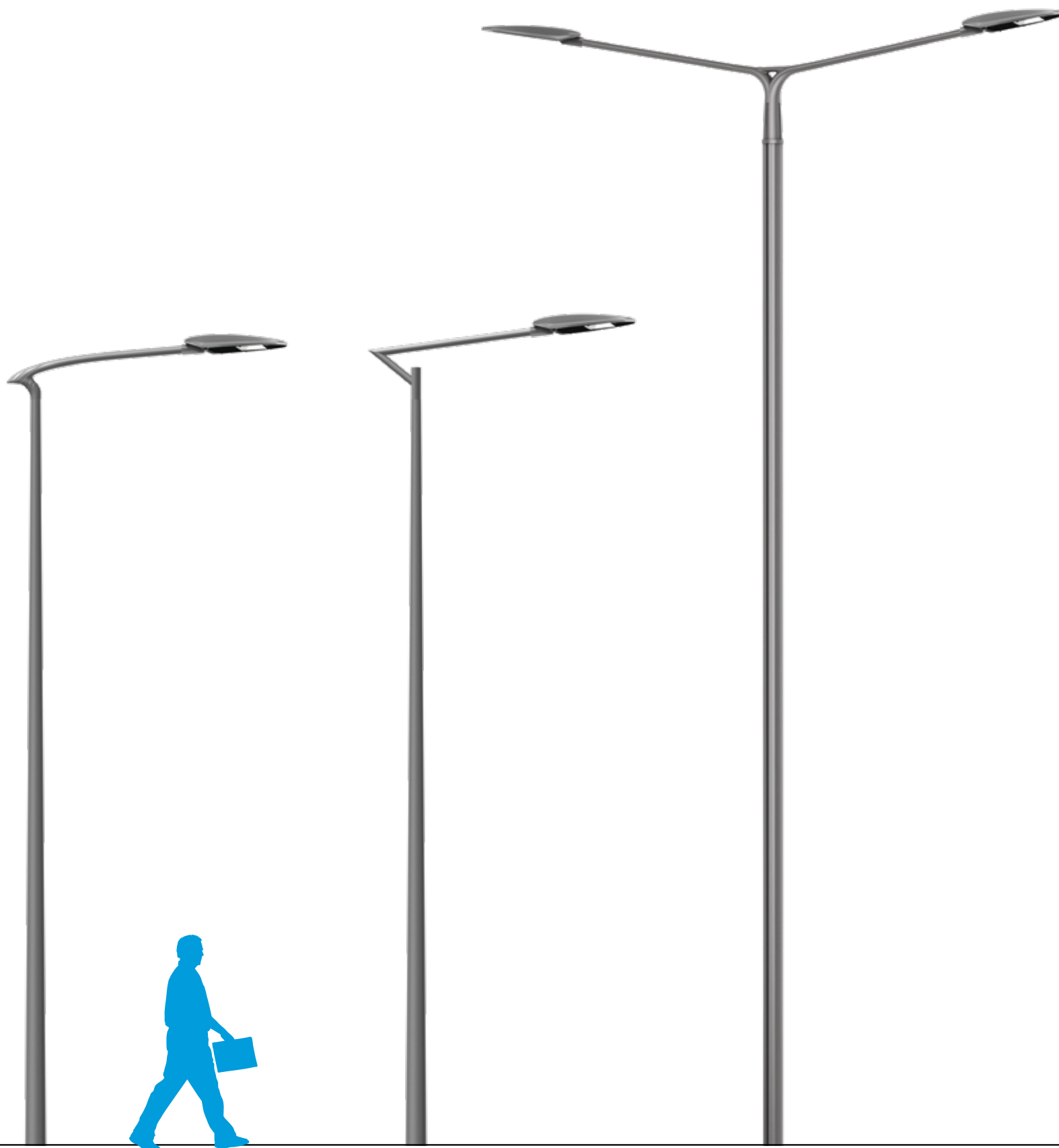
Ensemble Proposals

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

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DEIKO



F | DEIKO M
EXIS 120 - JAVA 600

G | DEIKO M
POLIS 100 - JIMA 600

H | DEIKO M
ACTI 150 - ELIPTIKA 800

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