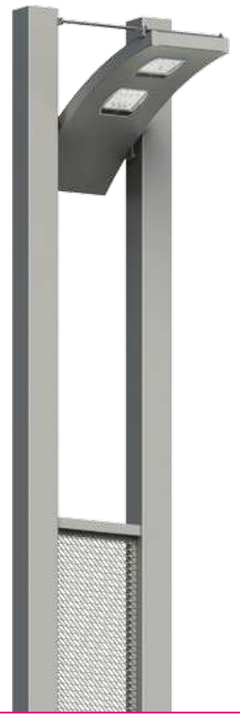

KETCH

ARCHITECTURAL RANGE - **DESIGN LINES**

C UL US LISTED

TECHNICAL **CHARACTERISTICS**

Protection index	
Optical unit	IP 66
Electrical	IP 66
Shock resistance	IK 08
Materials	
Luminaire	Galvanized steel
Pole	Galvanized steel
Protection	Tempered glass

ELECTRICAL **CHARACTERISTICS**

- **Power current up to 700 mA**
- **Surge protector and over/under voltage protection (optional).**
- **Electrical class: class II**
- **Incorporated driver. Two drivers for the two off-set luminaires version**
- **Optional lighting management systems: automatic time-related lowering of intensity with up to 5 levels, presence detection, constant flux, graduation by means of voltage variation, 1-10V or DALI control**

LIGHTING **DISTRIBUTIONS**

Type II
Type III
Type IV
Type V

All information is subject to change without notice
Update: 03/12/18

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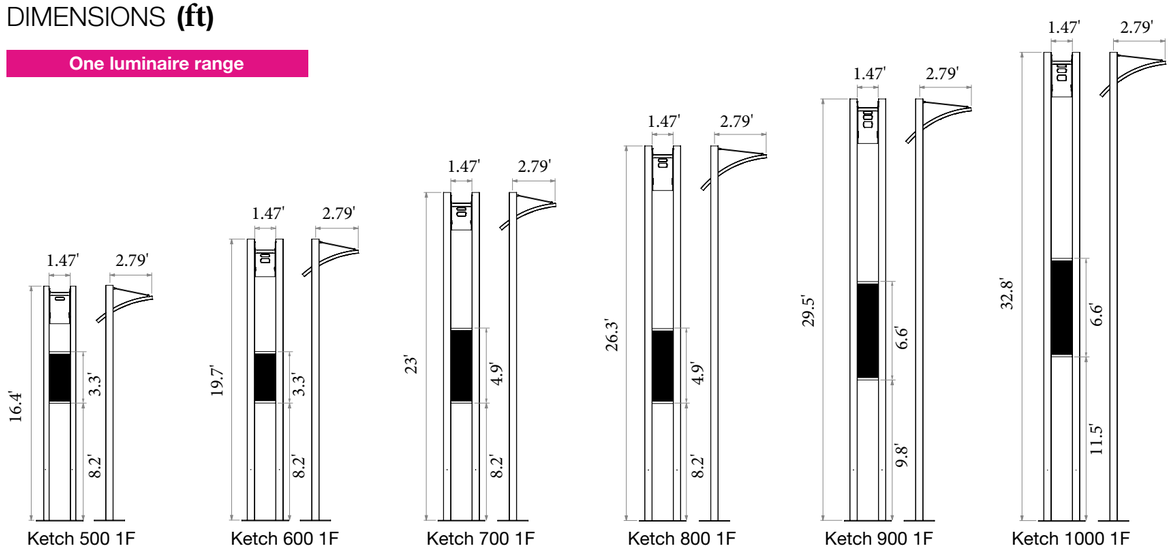
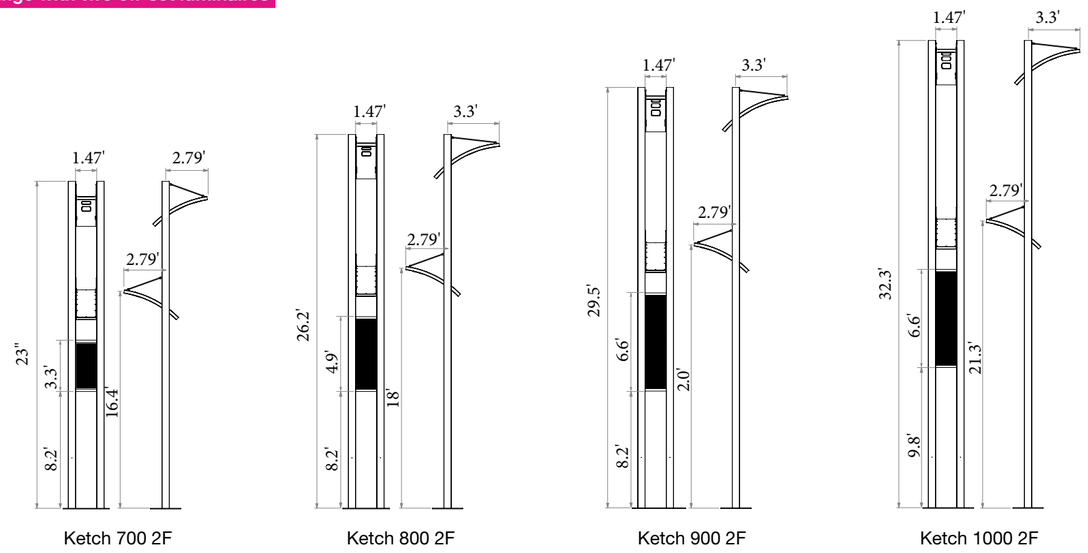
KETCH

DIMENSIONS **(ft)**

One luminaire range

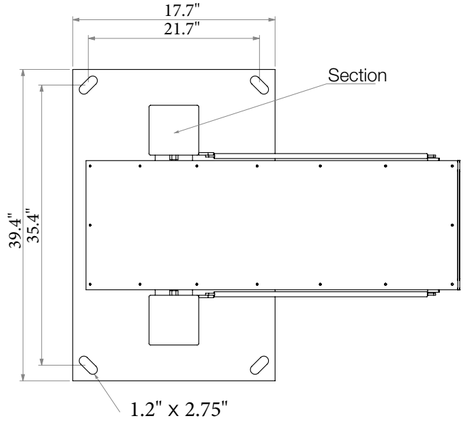


Range with two off-set luminaires



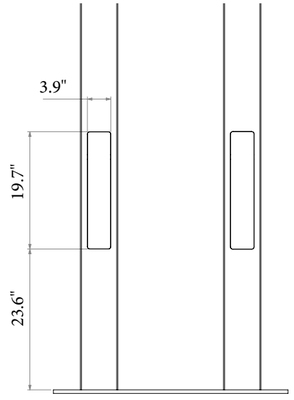
DIMENSIONS **(in)**

Top view



Square-section: 6.3" x 6.3" or
Ketch 500 1F: 4.7" x 4.7"

Doors



One door for the one luminaire versions.
Two doors for the two off-set luminaires versions.

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KETCH

EVO2 **MODULE**

The EVO2 is very compact so that it can be incorporated into numerous luminaires in the Ragni range. In particular, it can replace classic reflectors (high-pressure sodium lamps, metal halide lamps...), and its compactness has made it possible to create the Ketch with its thin profile.

- LED manufacturer: CREE
- LED life-cycle: up to 100,000 hours
- Color temperatures: 3000K ou 4000K.
- CRI above 70

POWER AND **LUMINOUS INTENSITIES PER MODULE** - *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)
16	21.4	1988	93	28.2	2867	102	36	3636	101
32	34.4	3976	116	48.8	5734	118	68.9	7271	106
48	51	5964	117	72.6	8601	118	102.3	10907	107

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)
16	21.4	2147	100	28.2	3097	110	36	3932	109
32	34.4	4294	125	48.8	6193	127	68.9	7863	114
48	51	6441	126	72.6	9290	128	102.3	11795	115

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

ORDERING **INFORMATION**

Model	Mast Height	# Modules	# LED	CCT (K)	Drive Current (mA)	Distribution	Line Voltage	Color Fixture
KETCH								
	10 ft	1	16	3 - (3000)	35 - (350 mA)	T1	120 V	BLK - (Black)
	12 ft	2	32	4 - (4000)	50 - (500 mA)	T2	220V	BRZ - (Bronze)
	14 ft	3	64		70 - (700 mA)	T3	277 V	WHT - (White)
	CUSTOM				CUSTOM	T4	347 V	(RAL #)
						T5	480 V	
							UNV	

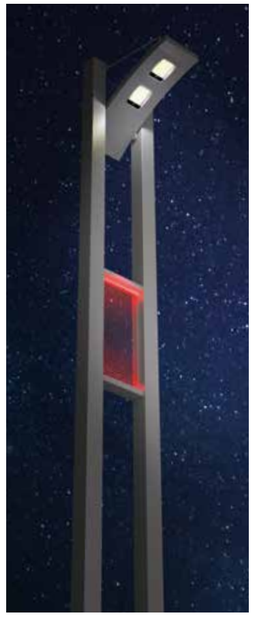
APPEA**RANCE**

The name Ketch - meaning a two-masted sailboat, gracious but strong enough to confront the high seas - has been adopted for this line with a double mast and curved luminaire.

Created to be incorporated into urban planning projects, the Ketch is a decidedly urban and original line with design reminiscent of a sail combined with industrial design. The shape of the Ketch recalls moving mechanical parts such as a balance wheel or engine piston. This rough industrial look also gives the Ketch its urban style.

Option: RAL as per the client's choice.
- The decorative mesh can be painted in the same color as the rest of the ensemble on a different color.

Examples of optional customization of the mesh.



Option:
an image can be applied to, or cut off, the mesh. (Example of a cut-out plate acting as a logo and replacing the grid.)

Option:
a colored strip of LEDs can be added around the edge of the mesh to illuminate it in green, blue, red or white.

These two should be switched to be under the correct picture.

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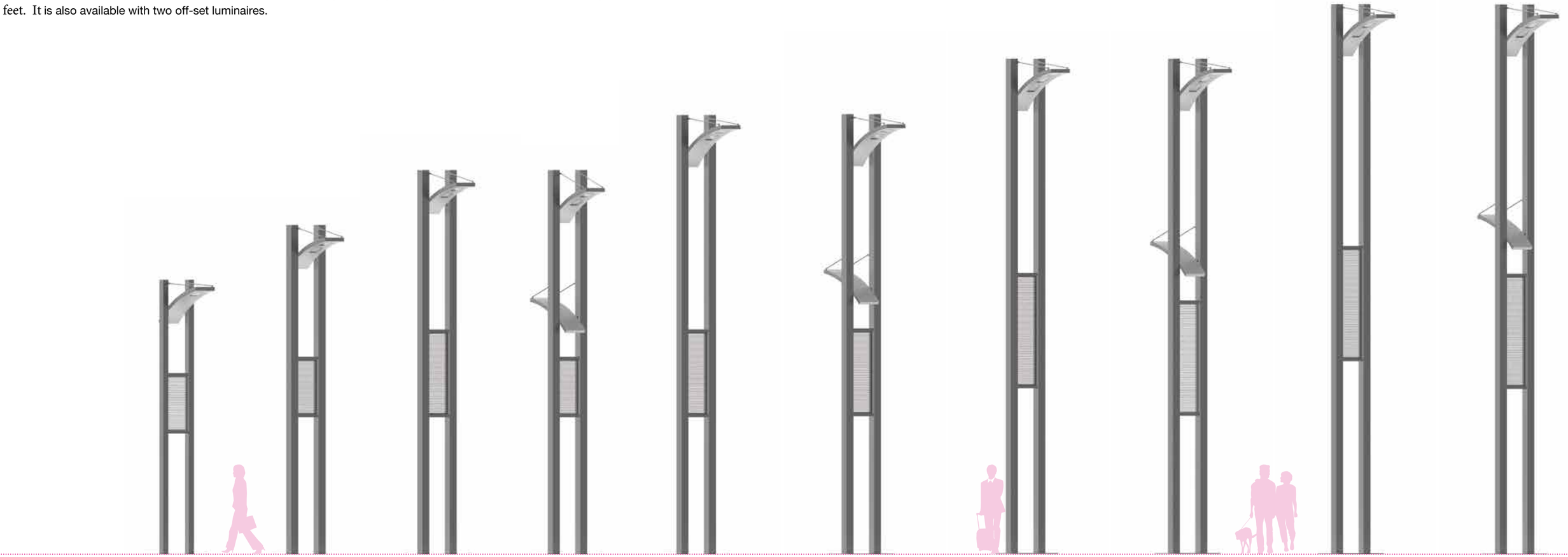
KETCH

RAN**GE**

Ketch is a decidedly urban, modern and original line with a design recalling machinery. The Ketch is available in heights from 16 feet to 33 feet. It is also available with two off-set luminaires.



KETCH

Ketch 500 1F
1 EVO2

Ketch 600 1F
2 EVO2

Ketch 700 1F
2 EVO2

Ketch 700 2F
2 EVO2 + 1 EVO2

Ketch 800 1F
2 EVO2

Ketch 800 2F
2 EVO2 + 1 EVO2

Ketch 900 1F
3 EVO2

Ketch 900 2F
3 EVO2+ 2 EVO2

Ketch 1000 1F
3 EVO2

Ketch 1000 2F
3 EVO2 + 2 EVO2

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