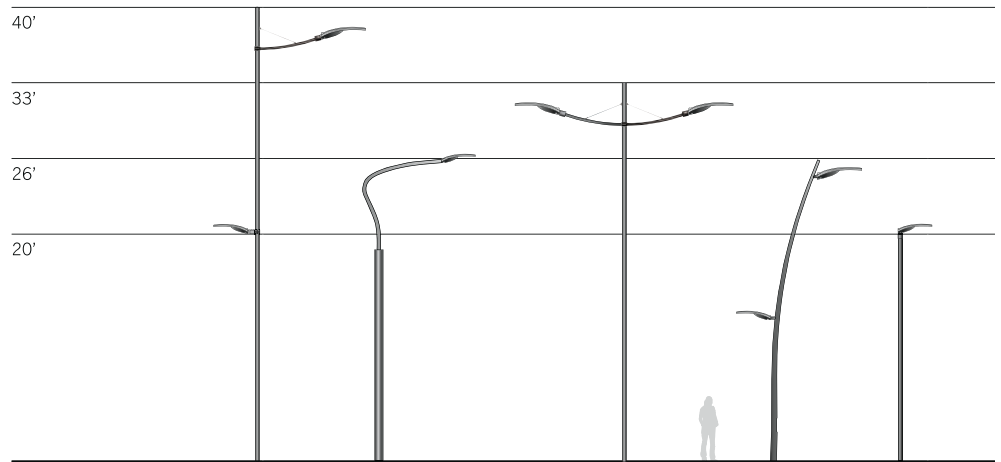
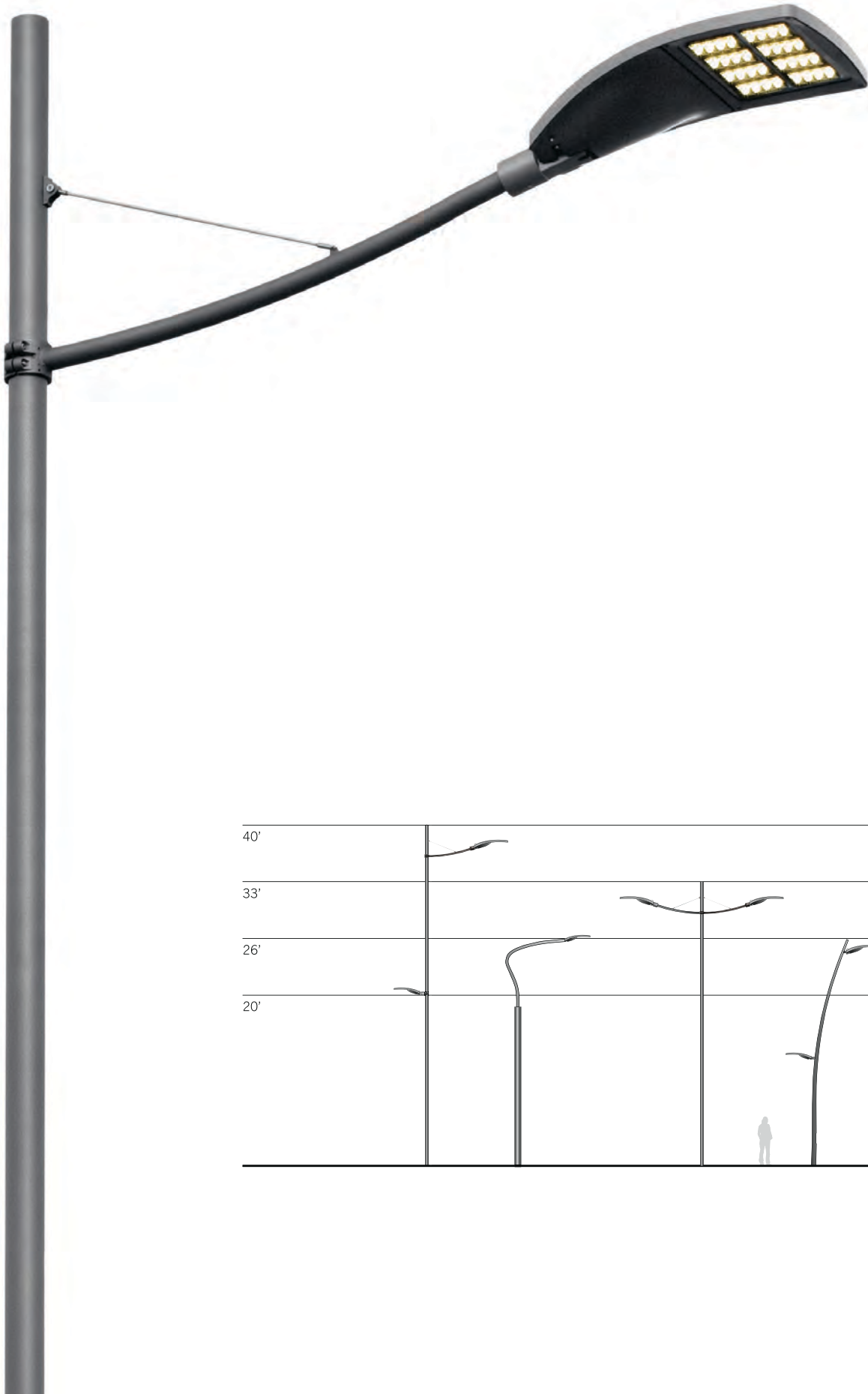





Wow
Urban Lighting

iGuzzini
NORTH AMERICA



Features

- Urban lighting system for area lighting and roadways
- High efficiency latest generation LED
- Pole or wall mount
- 2 body sizes with light output from 2310 lumens to 16547 lumens
- Die-cast aluminium body, stainless fasteners and factory sealed diffuser
- High corrosion resistant finish
- Intelligent LED driver with step dimming via USB interface
- 5 patented Optismart optics (2 low glare optics with comfort glass)
- Universal mounting system for retrofit in round poles
- Optional photocell and dimming
- Full cutoff (BUG rating = U0)
- Warm White 3000K 80CRI or Neutral White 4000K 70CRI
- LM80 tested LED
- L90 / 90,000 hours
- Operating temperature -40°C/+40°C
- Color Grey
- IP67
- 

Please consult the [website](#) for additional technical data.

Optical assembly

For greater design flexibility the optical assembly is available in two sizes.



1' 4" x 2' 6"



1' 8" x 2' 8"

Timeless LED Technology

The optical system can be quickly replaced and updated. The reflector modules and the LED light sources can be replaced independently from the rest of the luminaire.



LED optical assembly can be replaced to accommodate more advanced versions



Replaceable optic



Tool-free replacement of power supply

Smart light control

Step dimming

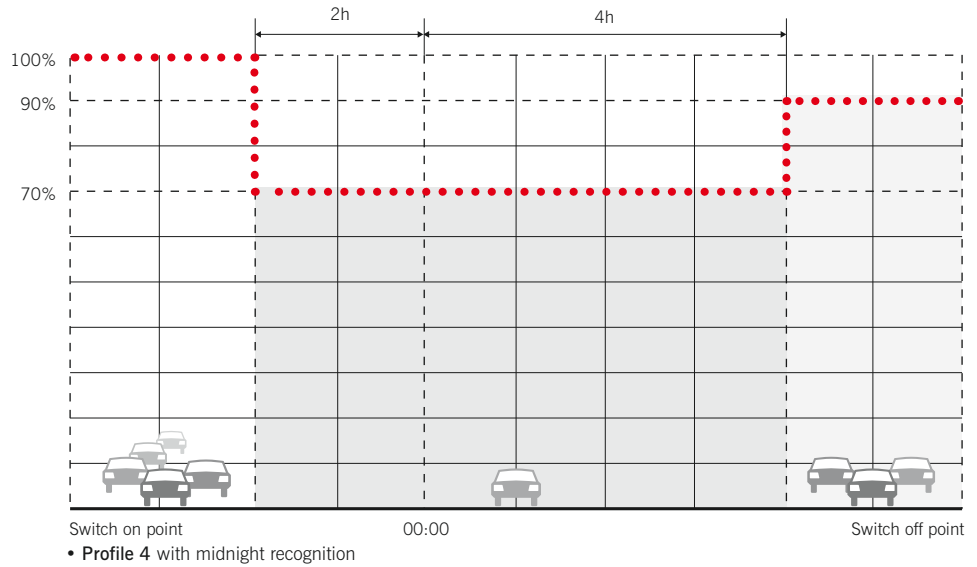
The power supply can be factory or site programmed via USB key. The internal calendar allows project specific settings to be achieved. By dimming the luminaire during the desired time slots, further energy saving can be attained. The step dimming can be set to 6 different time settings with dimming down to 20%.

USB interface

The light setting of any luminaire can be changed at any time by uploading new "light profiles" via USB key. This feature is extremely useful when changes in the surrounding environment require temporary or permanent modification of the luminaire output. Multiple profiles can be saved in a PC and uploaded whenever desired.

Controls & dimming

- Optional dawn to dusk photocell
- 0-10V and DALI dimming available on request



Opti Smart

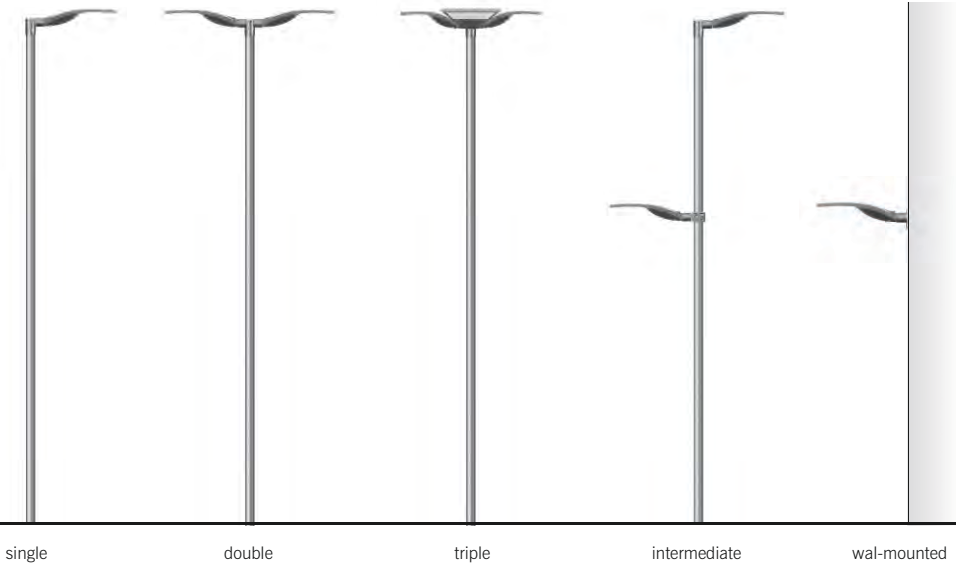
The Wow luminaires are equipped with a high efficiency optical system that delivers unparalleled performance. The patented optical modules are made of silver (Si) coated aluminum. This innovative system delivers reflectance of 98% with minimal lighting loss inside the luminaire and guarantees performance longevity.

The optical design combined with the robust thermal management yields record system efficiency of **64 to 107 lumens/watt**.

IESNA optics types II, III, IV, enable efficient area and street lighting. Comfort optic with reduced glare available for distribution types II and III.



System composition



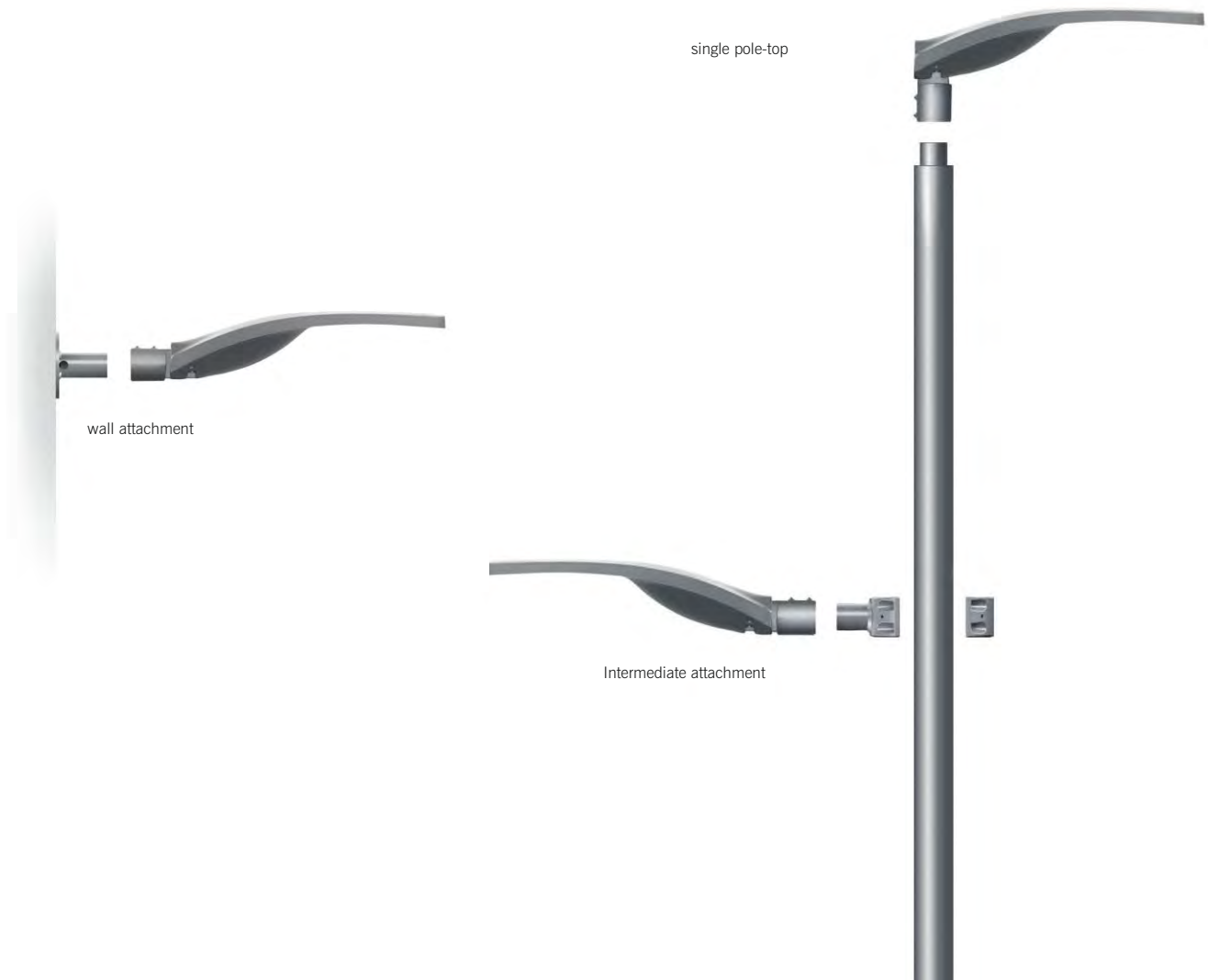
single

double

triple

intermediate

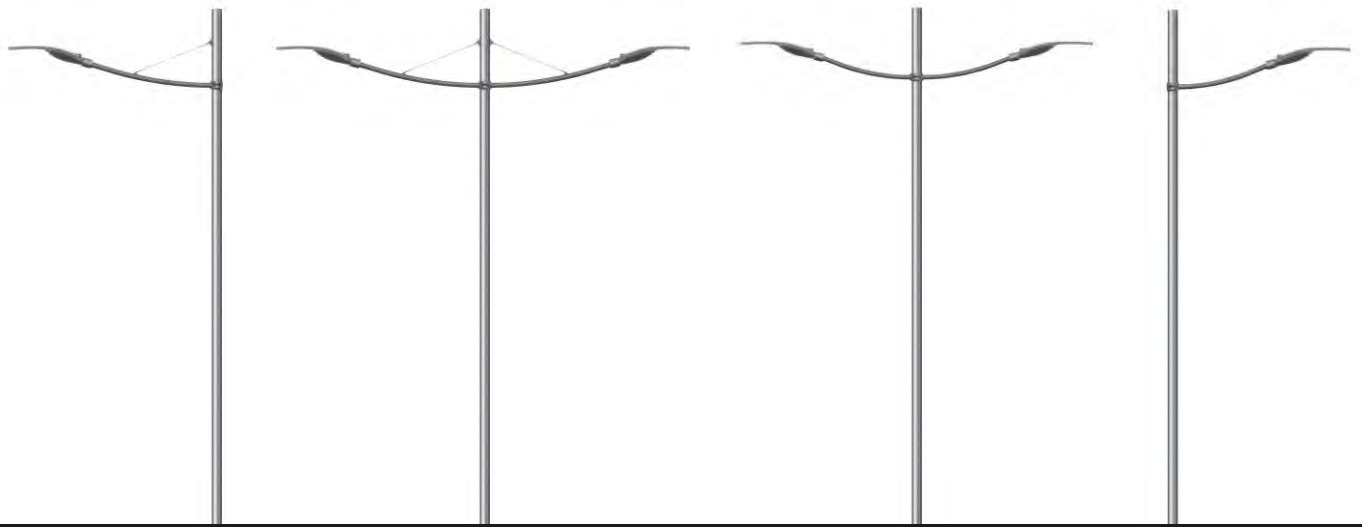
wal-mounted



wall attachment

single pole-top

intermediate attachment



single arm
with brace

double arm
with brace

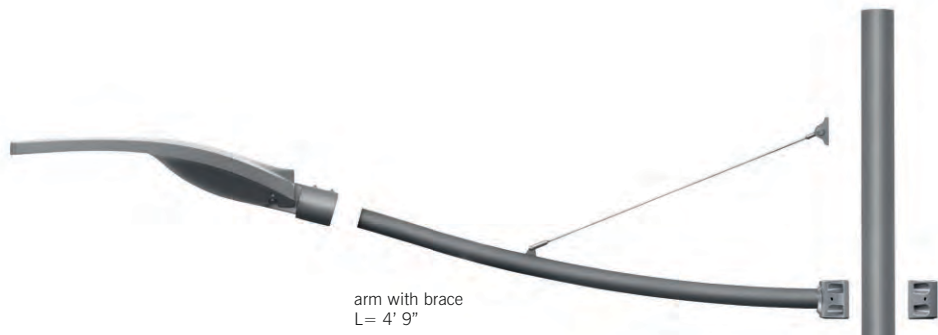
arms
(double composition)

arm

Arms

All individual arms in all sizes can be installed by a special flange in single or double composition.

Designed to be used with 4" diameter pole.

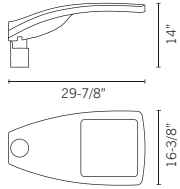


arm with brace
L = 4' 9"



arm
L = 3' 0"

Small LED

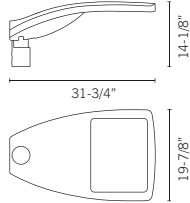


Use 4" diameter pole with the Small LED

Neutral White 4000K LED	Code	Optic	BO (350mA)		HO (450mA)		VHO (525mA)	
			Lm	W	Lm	W	Lm	W
I.BH33		IES II	3179	31	3679	38	4140	44
I.BH36		IES II	5699	55	6619	66	7239	75
I.BH38		IES II	7408	72	---	---	---	---
I.BH40		IES II	8858	84	10210	101	11378	117
I.BH61		IES II C *	3030	31	3490	38	3930	44
I.BH62		IES II C *	3780	39	4370	46	4910	54
I.BH63		IES II C *	6050	60	6990	72	---	---
I.BH64		IES II C *	8320	83	9610	100	10810	117
I.BH34		IES III	4104	40	4690	48	5150	55
I.BH37		IES III	6564	63	7471	74	---	---
I.BH41		IES III	8860	84	10071	100	11336	117
I.BI41		IES III C *	5730	60	6620	72	---	---
I.BI42		IES III C *	8600	91	9930	110	11170	128
I.BH35		IES IV	6370	60	7360	73	---	---
I.BH39		IES IV	9550	91	11030	110	12410	128
Warm White 3000K LED	I.BN51	IES II	2430	31	2810	38	3180	44
	I.BN52	IES II	4330	54	5030	66	5530	75
	I.BN53	IES II	5590	72	---	---	---	---
	I.BN54	IES II	6650	84	7660	101	8540	117
	I.BN60	IES II C *	2310	31	2670	38	3020	44
	I.BN61	IES II C *	2890	39	3350	46	3790	54
	I.BN62	IES II C *	4570	60	5280	72	---	---
	I.BN63	IES II C *	6250	83	7209	100	8109	117
	I.BN55	IES III	3140	40	3590	48	3990	54
	I.BN56	IES III	4960	63	5660	73	---	---
	I.BN57	IES III	6650	84	7590	100	8540	117
	I.BN64	IES III C *	4320	60	5010	72	---	---
	I.BN65	IES III C *	6350	91	7320	110	8240	128
	I.BN58	IES IV	4800	60	5560	72	---	---
	I.BN59	IES IV	7060	91	8140	110	9160	128

* Comfort glass

Large LED



Use 4" diameter pole with the Large LED

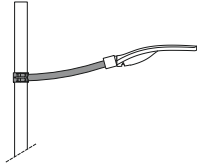
	Code	Optic	BO (350mA)		HO (450mA)		VHO (525mA)	
			Lm	W	Lm	W	Lm	W
Neutral White 4000K LED	I.BH42	IES II	10698	102	12287	121	13447	137
	I.BH59	IES II	13027	122	14847	145	16547	168
	I.BH65	IES II C *	9940	98	11460	118	12769	137
	I.BH43	IES III	10429	98	12023	118	13398	137
	I.BH60	IES III	12830	121	14653	144	16486	168
	I.BK35	IES III C *	10030	104	11580	126	13030	147
	I.BH58	IES IV	11150	104	12870	126	14480	147
	Warm White 3000K LED	I.BN66	IES II	8050	101	9230	121	10110
I.BN67		IES II	9730	122	11060	145	12300	168
I.BN71		IES II C *	7490	98	8620	118	9610	137
I.BN68		IES III	7890	98	9080	118	10110	137
I.BN69		IES III	9630	121	10970	144	12300	168
I.BN72		IES III C *	7580	104	8740	126	9820	147
I.BN70		IES IV	8420	104	9710	126	10920	147

* Comfort glass

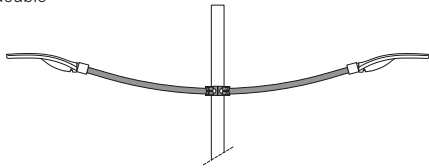
installation with arms on cylindrical poles

pole-top installation

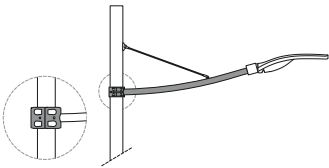
single **A1**



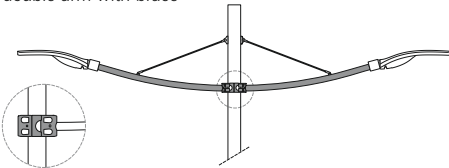
double **A2**



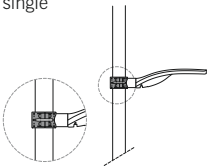
single arm with brace **B1**



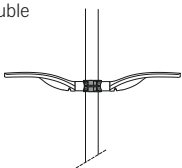
double arm with brace **B2**



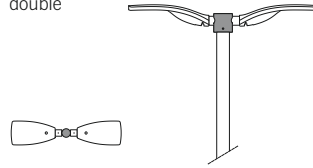
intermediate attachment single **I1**



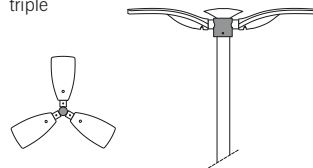
intermediate attachment double **I2**



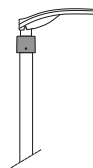
double **T2**



triple **T3**

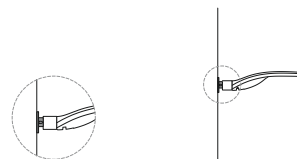


single pole top **T1**



wall-mounted installation

wall attachment **W**



Colours

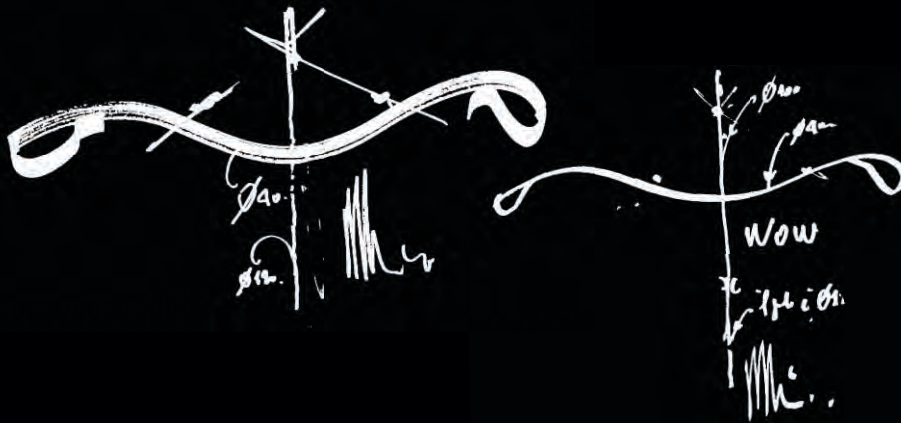


15
grey



Northern Sea Front, Civitanova – Italy
Photo: Giuseppe Saluzzi

Wow



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