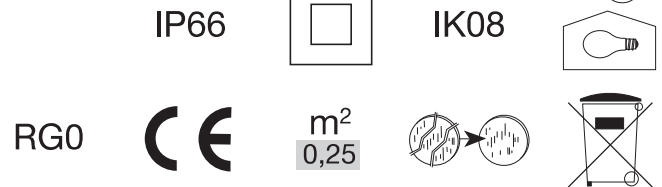




SUNLED



CORPO: Corpo e coperchio in pressofusione di alluminio verniciato con polveri poliestere, colore standard grigio RAL9006

SCHERMO: Vetro temperato spessore 5mm fissato da telaio rimuovibile in alluminio pressofuso verniciato con polveri poliestere, colore standard grigio RAL9006.

GUARNIZIONI: in silicone.

UNITÀ DI ALIMENTAZIONE: componenti elettrici montati su piastra di fissaggio facilmente rimuovibile. Vita presunta degli alimentatori a Tc : 50.000h per soluzione standard e 100.000h per soluzione dimmerabile.

Fattore di potenza >0,98, 220÷240V / 50-60Hz.

Classe di isolamento II, a richiesta disponibile classe I.

CONNESSIONE: entrata cavo tramite passacavo a membrana con grado di protezione IP66.

PROTEZIONE EXTRATENSIONI: protetto contro le sovratensioni di tipo differenziale fino a 10kV e in modo comune fino a 6kV.

ATTACCO PALO: costituito da un bicchiere in alluminio pressofuso verniciato con polveri di poliestere orientabile con step di 5°; permette il montaggio sia testapalo che a sbraccio -25° / +15°. Adatto per pali diametro 60mm.

BODY: Body and cover made of die-cast aluminium painted with polyester powder, standard colour grey RAL9006.

SCREEN: Tempered glass thickness 5mm fixed to the removable frame made of die-cast aluminium painted with polyester powder, standard colour grey RAL9006.

GASKET: made in silicone.

POWER UNITS: electrical components mounted on easily removable fixing plate. Expected life of the power supply at Tc : 50.000h for standard solution and 100.000h for dimmable solution.

Power factor >0,98, 220÷240V / 50-60Hz.

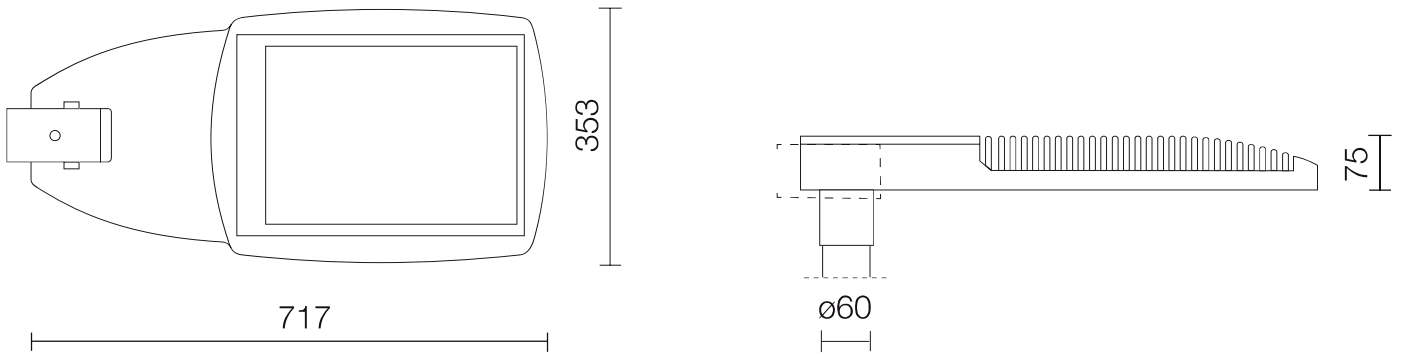
Insulation class II, on request available class I.

CONNECTION: cable entry through membrane cable gland with protection degree IP66.

OVERVOLTAGE PROTECTION: protected against overvoltage in differential mode up to 10kV and in common mode up to 6kV.

POLE CONNECTION: adjustable goblet in die-cast aluminium painted with polyester powder with 5° step in order to allow both top pole and side mounting -25° / +15°. Suitable for poles diameter 60mm.

DIMENSIONI - DIMENSIONS



MODULI LED: sorgente luminosa a LED ad alta efficienza (149lm/W @ 700mA 85°C), Vita presunta dei led 60.000h L80B20 (TM-21 Projection). Ottica secondaria in PMMA stabilizzato. Concetto di illuminazione Multi-layer in cui ogni ottica illumina tutta la sede stradale in modo da garantire i parametri di uniformità anche in caso di spegnimento di qualche LED.

Disponibili diverse fotometrie per ottimizzare le prestazioni nei vari ambiti:

- AS -> asimmetrica
- FW -> grandi aree e parcheggi
- S1 -> stradale standard
- S2 -> stradale stretta
- S3 -> stradale larga

LED MODULES : LED light source with high efficiency (149lm/W @ 700mA 85°C). Expected life of the led 60.000h L80B20 (TM-21 Projection). Secondary optic in stabilized PMMA. Multi-layer lighting concept in which each optic illuminates the entire street so as to guarantee uniformity parameters even if some LEDs are failed.

Available different photometric curves to optimized the performances in various areas:

- AS -> asymmetrical
- FW -> large areas and parking lots
- S1 -> standard street
- S2 -> narrow street
- S3 -> large street



▲ DATI IDENTIFICATIVI E PRESTAZIONI - IDENTIFICATION DATA AND PERFORMANCES

Codice iniziale Initial code	Nome Name	Watt	mA max	N. Led	Lm out	Kelvin	CRI	IP	CL	Col	Weight
000580842	SUNLED 8LED 68W	68	700	8	7750	4000	75	66	II	RAL 9006 ■	10
000581242	SUNLED 12LED 100W	100	700	12	11650	4000	75	66	II	RAL 9006 ■	10
000581642	SUNLED 16LED 135W	135	700	16	15550	4000	75	66	II	RAL 9006 ■	10
000582442	SUNLED 24LED 203W	203	700	24	23300	4000	75	66	II	RAL 9006 ■	10
000583242	SUNLED 32LED 270W	270	700	32	31050	4000	75	66	II	RAL 9006 ■	10

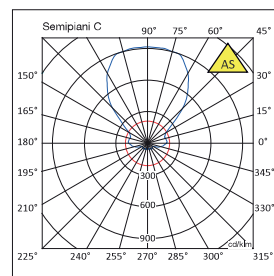
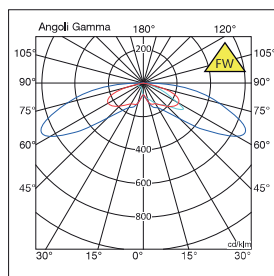
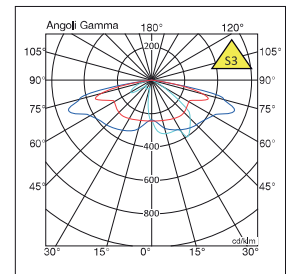
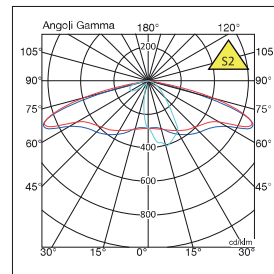
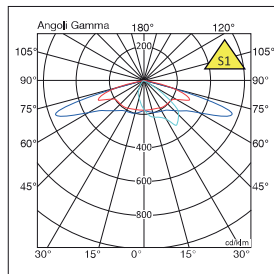
Come comporre il codice prodotto (rispettare la sequenza): **Codice iniziale (▲) Codice finale (●) Dimmerazione (■)**
 How to compose the product code (respect the sequence): **Initial code (▲) Last number (●) Dimming profile (■)**

PERFORMANCE • PERFORMANCES

N. LED	mA	Watt	LED Lumen	Lm output S1-S2-S3-AS	Lm output FW	N. LED	mA	Watt	LED Lumen	Lm output S1-S2-S3-AS	Lm output FW	
8	350	34	5150	4150	3900	24	350	101	15450	12500	11700	
	500	48	7150	5800	5400		500	144	21450	17350	16250	
	700	68	9600	7750	7250		700	203	28800	23300	21800	
12	350	50	7700	6250	5850	32	350	134	20600	16650	15550	
	500	72	10750	8700	8100		500	192	28600	23150	21650	
	700	100	14400	11650	10900		700	270	38400	31050	29050	
16	350	67	10300	8300	7800							
	500	96	14300	11550	10850							
	700	135	19200	15550	14550							

● FOTOMETRIE - PHOTOMETRY

Codice finale Last number	Ottica Optics
5	S1
2	S2
3	S3
7	FW
6	AS



■ DIMMERAZIONE - DIMMING

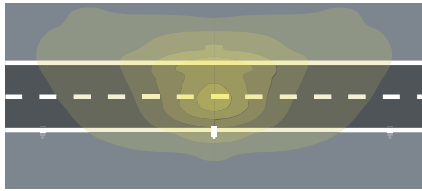
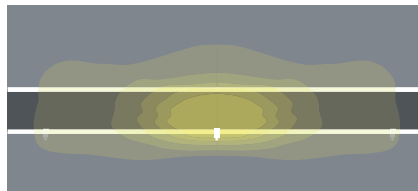
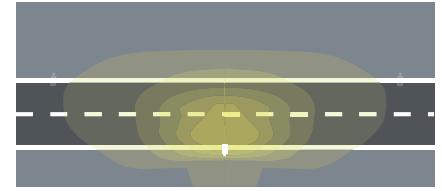
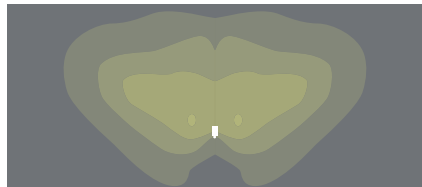
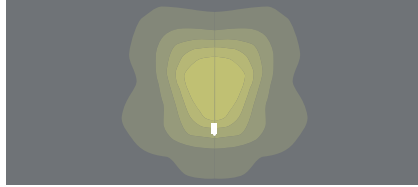
Code	Rset	Switch	1-10V	Dali	CLO	Crono timer	Mains dim	Radio Waves
/	/	/	/	/	/	/	/	/
DIM	/	/	S*	S*	S*	S*	S*	
OC⁽¹⁾	/	/	/	/	/	/	/	S

- S Standard con possibilità di programmazione dopo l'acquisto.
 - S* Standard con programmazione da eseguire in azienda.
 (vedi modulo dimmer disponibile sul sito Web www.faeber.com)

- OC⁽¹⁾ dispositivo da richiedere in fase d'ordine TR con attacco Zhaga per sistemi Lumawise

- S Standard with possibility of setting after purchase
 - S* Standard with setting to be done at the factory
 (see dimming form available on website www.faeber.com)

- OC⁽¹⁾ Optional to be requested when defining the order TR with Zhaga socket for Lumawise Systems

OTTICA - OPTICS

 S1 - Per strade standard - fila singola
 S1 - For standard streets - one row layout

 S2 - Per strade strette - fila singola
 S2 - For narrow streets - one row layout

 S3 - Per strade larghe - disposizione a quinconce
 S3 - For standard streets - quinconce layout

 FW - Per grandi aree, incroci e rotonde
 FW - For large areas, crossings, roundabout

 AS - Grandi aree
 AS - Big areas

ESEMPI - EXAMPLES OF USE

Marciapiede dx Right sidewalk	-	Interdistanza Spacing	32	Arretramento Pole position	-1,2
Carreggiata Carriage way	2x3,75 m	Altezza Height	10	Disposizione Layout	Unilaterale One row
Marciapiede sn Left sidewalk	-				

Apparecchio Luminaires	Coefficiente di manutenzione Maintenance Factor	Lav (cd/mq)	U _o	UI	Ti (%)	EIR	Categoria strada Street category	Consumo Input power (W)	Risparmio Save (%)
ST 250 W	0.80	2.01	0.46	0.77	7	0.46	M1	270	-
SUNLED 24LED S2 0.50A	0.90	2.04	0.46	0.74	10	0.42	M1	144	46%
SUNLED 16LED S2 0.60A	0.90	1.59	0.46	0.74	10	0.42	M2	115	57%

Marciapiede dx Right sidewalk	1,0	Interdistanza Spacing	34	Arretramento Pole position	0
Carreggiata Carriage way	2x3,75 m	Altezza Height	9	Disposizione Layout	Unilaterale One row
Marciapiede sn Left sidewalk	1,0 m				

Apparecchio Luminaires	Coefficiente di manutenzione Maintenance Factor	Lav (cd/mq)	U _o	UI	Ti (%)	EIR	Categoria strada Street category	Eav (lux)	Emin (lux)	Categoria marciapiedi Sidewalk category	Consumo Input power (W)	Risparmio Save (%)
ST 150 W	0.80	1.11	0.57	0.70	7	0.55	M3	12.63/15.92	9.79/5.71	P2/P1	170	-
SUNLED 12LED S1 0.70A	0.90	1.14	0.62	0.76	9	0.66	M3	16.23/15.66	11.89/7.28	P1/P1	100	41%
SUNLED 8LED S1 0.70A	0.90	0.76	0.62	0.76	8	0.66	M4	10.80/10.42	7.91/4.84	P2/P2	68	60%