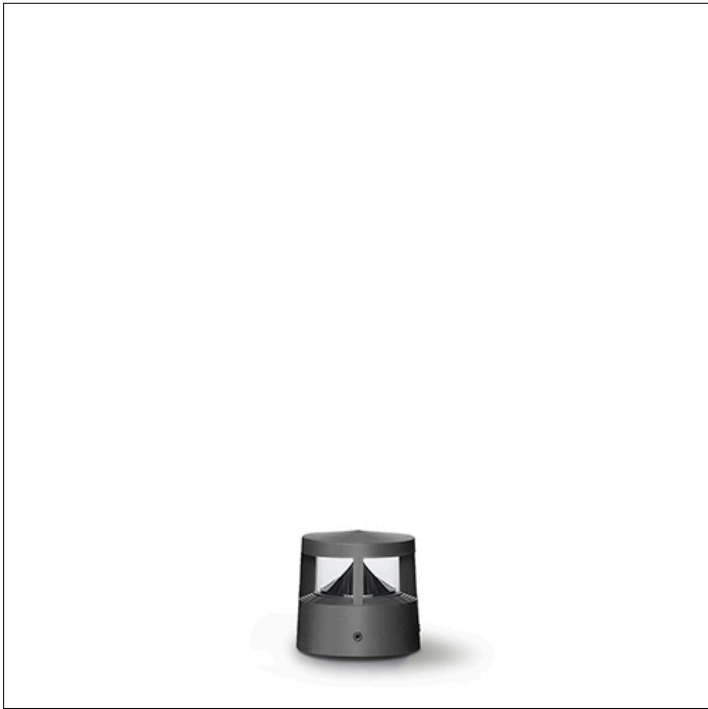


CALCOLO IPEA PER PRODOTTI DI ILLUMINAZIONE CON SORGENTI LED

In accordo al DM 27/09/2017 (C.A.M. - aggiornamento 2017)



MICROREEF

**S.5311W**

modulo 4 LED 3000K 220-240Vac ON-OFF  
Paletti

Flusso luminoso sorgente: 597lm  
Potenza della sorgente: 10.3W  
 $\eta_a$ : 57.96lm/W  
Dff: 0.94

Dati tecnici completi prodotto: <https://www.simes.it/S.5311W>



| Illuminazione          | $\eta_r$ (lm/W) | IPEA     |
|------------------------|-----------------|----------|
| Stradale               | 73              | D (0.75) |
| Grandi Aree            | 70              | D (0.78) |
| Percorsi ciclopedonali | 75              | D (0.73) |
| Aree verdi             | 75              | D (0.73) |
| Centri storici         | 60              | C (0.91) |

|     |                                    |
|-----|------------------------------------|
| An+ | $IPEA \geq 1.10 + (0.10 \times n)$ |
| A++ | $1.30 \leq IPEA < 1.40$            |
| A+  | $1.20 \leq IPEA < 1.30$            |
| A   | $1.10 \leq IPEA < 1.20$            |
| B   | $1.00 \leq IPEA < 1.10$            |
| C   | $0.85 \leq IPEA < 1.00$            |
| D   | $0.70 \leq IPEA < 0.85$            |
| E   | $0.55 \leq IPEA < 0.70$            |
| F   | $0.40 \leq IPEA < 0.55$            |
| G   | $IPEA < 0.40$                      |