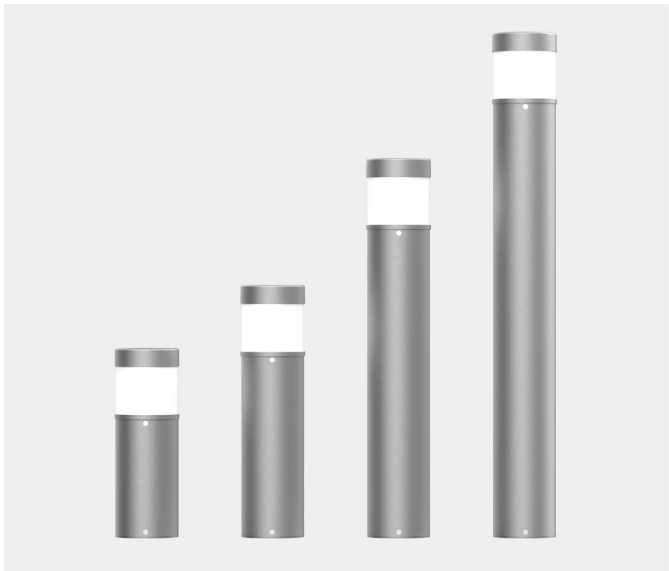


DATI TECNICI

Anodizzazione	10 colori
Schermi	opaca (PMMA)
Impiego	ambienti circostanti all’edificio ad uso uffici, parchi, percorsi pedonali
Grado di protezione	IP 65 per la parte ottica e per il sistema d’alimentazione
Materiale	lega di alluminio, anodizzato
Periodo di utilizzazione previsto	L90B10 - 100 000 h
Indice di resa cromatica CRI	>70
Frequenza della tensione di alimentazione	50/60Hz
Numero di diodi	8

TABELLA DELLE VARIANTI

Codice	Nome	Altezza del palo	Potenza LED	Potenza totale dell'apparecchio	Corrente di conduzione LED	Temperatura di colore della luce	Sorgente di luce LED¹	Sorgente di luce dell'apparecchio	Efficienza luminosa¹	Tipo di fondazione / gabbia di armatura	Corrente di avviamento	Diametro D	Peso netto
452008/1/C...	KARIN 450 LED 8	455 mm	8 W	12 W	350 mA	2700 K	1450 lm	950 lm	79 lm/W	B-0 / Z-0	70A / 220µs	150 mm	3 kg
452008/3/C...	KARIN 450 LED 8	455 mm	8 W	12 W	350 mA	3500 K	1550 lm	1000 lm	83 lm/W	B-0 / Z-0	70A / 220µs	150 mm	3 kg
452008/4/C...	KARIN 450 LED 8	455 mm	8 W	12 W	350 mA	4000 K	1650 lm	1050 lm	88 lm/W	B-0 / Z-0	70A / 220µs	150 mm	3 kg
452008/6/C...	KARIN 450 LED 8	455 mm	8 W	12 W	350 mA	5000 K	1650 lm	1050 lm	88 lm/W	B-0 / Z-0	70A / 220µs	150 mm	3 kg
45200/1/C...	KARIN 450 LED 16	455 mm	16 W	20 W	700 mA	2700 K	2700 lm	1700 lm	85 lm/W	B-0 / Z-0	70A / 220µs	150 mm	3 kg
45200/3/C...	KARIN 450 LED 16	455 mm	16 W	20 W	700 mA	3500 K	2850 lm	1850 lm	93 lm/W	B-0 / Z-0	70A / 220µs	150 mm	3 kg
45200/4/C...	KARIN 450 LED 16	455 mm	16 W	20 W	700 mA	4000 K	3050 lm	1950 lm	98 lm/W	B-0 / Z-0	70A / 220µs	150 mm	3 kg
45200/6/C...	KARIN 450 LED 16	455 mm	16 W	20 W	700 mA	5000 K	3050 lm	1950 lm	98 lm/W	B-0 / Z-0	70A / 220µs	150 mm	3 kg
452108/1/C...	KARIN 600 LED 8	575 mm	8 W	12 W	350 mA	2700 K	1450 lm	950 lm	79 lm/W	B-0 / Z-0	70A / 220µs	150 mm	3.5 kg
452108/3/C...	KARIN 600 LED 8	575 mm	8 W	12 W	350 mA	3500 K	1550 lm	1000 lm	83 lm/W	B-0 / Z-0	70A / 220µs	150 mm	3.5 kg
452108/4/C...	KARIN 600 LED 8	575 mm	8 W	12 W	350 mA	4000 K	1650 lm	1050 lm	88 lm/W	B-0 / Z-0	70A / 220µs	150 mm	3.5 kg
452108/6/C...	KARIN 600 LED 8	575 mm	8 W	12 W	350 mA	5000 K	1650 lm	1050 lm	88 lm/W	B-0 / Z-0	70A / 220µs	150 mm	3.5 kg
45210/1/C...	KARIN 600 LED 16	575 mm	16 W	20 W	700 mA	2700 K	2700 lm	1700 lm	85 lm/W	B-0 / Z-0	70A / 220µs	150 mm	3.5 kg
45210/3/C...	KARIN 600 LED 16	575 mm	16 W	20 W	700 mA	3500 K	2850 lm	1850 lm	93 lm/W	B-0 / Z-0	70A / 220µs	150 mm	3.5 kg
45210/4/C...	KARIN 600 LED 16	575 mm	16 W	20 W	700 mA	4000 K	3050 lm	1950 lm	98 lm/W	B-0 / Z-0	70A / 220µs	150 mm	3.5 kg
45210/6/C...	KARIN 600 LED 16	575 mm	16 W	20 W	700 mA	5000 K	3050 lm	1950 lm	98 lm/W	B-0 / Z-0	70A / 220µs	150 mm	3.5 kg
452208/1/C...	KARIN 900 LED 8	875 mm	8 W	12 W	350 mA	2700 K	1450 lm	950 lm	79 lm/W	B-0 / Z-0	70A / 220µs	150 mm	4.2 kg
452208/3/C...	KARIN 900 LED 8	875 mm	8 W	12 W	350 mA	3500 K	1550 lm	1000 lm	83 lm/W	B-0 / Z-0	70A / 220µs	150 mm	4.2 kg
452208/4/C...	KARIN 900 LED 8	875 mm	8 W	12 W	350 mA	4000 K	1650 lm	1050 lm	88 lm/W	B-0 / Z-0	70A / 220µs	150 mm	4.2 kg
452208/6/C...	KARIN 900 LED 8	875 mm	8 W	12 W	350 mA	5000 K	1650 lm	1050 lm	88 lm/W	B-0 / Z-0	70A / 220µs	150 mm	4.2 kg

KARIN LED 450-1200



45220/1/C...	KARIN 900 LED 16	875 mm	16 W	20 W	700 mA	2700 K	2700 lm	1700 lm	85 lm/W	B-0 / Z-0	70A / 220µs	150 mm	4.2 ↓
45220/3/C...	KARIN 900 LED 16	875 mm	16 W	20 W	700 mA	3500 K	2850 lm	1850 lm	93 lm/W	B-0 / Z-0	70A / 220µs	150 mm	4.2 ↓
45220/4/C...	KARIN 900 LED 16	875 mm	16 W	20 W	700 mA	4000 K	3050 lm	1950 lm	98 lm/W	B-0 / Z-0	70A / 220µs	150 mm	4.2 ↓
45220/6/C...	KARIN 900 LED 16	875 mm	16 W	20 W	700 mA	5000 K	3050 lm	1950 lm	98 lm/W	B-0 / Z-0	70A / 220µs	150 mm	4.2 ↓
452308/1/C...	KARIN 1200 LED 8	1 175 mm	8 W	12 W	350 mA	2700 K	1450 lm	950 lm	79 lm/W	B-0A / Z-0A	70A / 220µs	150 mm	5.5 ↓
452308/3/C...	KARIN 1200 LED 8	1 175 mm	8 W	12 W	350 mA	3500 K	1550 lm	1000 lm	83 lm/W	B-0A / Z-0A	70A / 220µs	150 mm	5.5 ↓
452308/4/C...	KARIN 1200 LED 8	1 175 mm	8 W	12 W	350 mA	4000 K	1650 lm	1050 lm	88 lm/W	B-0A / Z-0A	70A / 220µs	150 mm	5.5 ↓
452308/6/C...	KARIN 1200 LED 8	1 175 mm	8 W	12 W	350 mA	5000 K	1650 lm	1050 lm	88 lm/W	B-0A / Z-0A	70A / 220µs	150 mm	5.5 ↓
45230/1/C...	KARIN 1200 LED 16	1 175 mm	16 W	20 W	700 mA	2700 K	2700 lm	1700 lm	85 lm/W	B-0A / Z-0A	70A / 220µs	150 mm	5.5 ↓
45230/3/C...	KARIN 1200 LED 16	1 175 mm	16 W	20 W	700 mA	3500 K	2850 lm	1850 lm	93 lm/W	B-0A / Z-0A	70A / 220µs	150 mm	5.5 ↓
45230/4/C...	KARIN 1200 LED 16	1 175 mm	16 W	20 W	700 mA	4000 K	3050 lm	1950 lm	98 lm/W	B-0A / Z-0A	70A / 220µs	150 mm	5.5 ↓
45230/6/C...	KARIN 1200 LED 16	1 175 mm	16 W	20 W	700 mA	5000 K	3050 lm	1950 lm	98 lm/W	B-0A / Z-0A	70A / 220µs	150 mm	5.5 ↓
452328/1/C...	KARIN 1200W LED 8	1 175 mm	8 W	12 W	350 mA	2700 K	1450 lm	950 lm	79 lm/W	B-0A / Z-0A	70A / 220µs	150 mm	6.8 ↓
452328/3/C...	KARIN 1200W LED 8	1 175 mm	8 W	12 W	350 mA	3500 K	1550 lm	1000 lm	83 lm/W	B-0A / Z-0A	70A / 220µs	150 mm	6.8 ↓
452328/4/C...	KARIN 1200W LED 8	1 175 mm	8 W	12 W	350 mA	4000 K	1650 lm	1050 lm	88 lm/W	B-0A / Z-0A	70A / 220µs	150 mm	6.8 ↓
452328/6/C...	KARIN 1200W LED 8	1 175 mm	8 W	12 W	350 mA	5000 K	1650 lm	1050 lm	88 lm/W	B-0A / Z-0A	70A / 220µs	150 mm	6.8 ↓
45232/1/C...	KARIN 1200W LED 16	1 175 mm	16 W	20 W	700 mA	2700 K	2700 lm	1700 lm	85 lm/W	B-0A / Z-0A	70A / 220µs	150 mm	6.8 ↓
45232/3/C...	KARIN 1200W LED 16	1 175 mm	16 W	20 W	700 mA	3500 K	2850 lm	1850 lm	93 lm/W	B-0A / Z-0A	70A / 220µs	150 mm	6.8 ↓
45232/4/C...	KARIN 1200W LED 16	1 175 mm	16 W	20 W	700 mA	4000 K	3050 lm	1950 lm	98 lm/W	B-0A / Z-0A	70A / 220µs	150 mm	6.8 ↓
45232/6/C...	KARIN 1200W LED 16	1 175 mm	16 W	20 W	700 mA	5000 K	3050 lm	1950 lm	98 lm/W	B-0A / Z-0A	70A / 220µs	150 mm	6.8 ↓

1) a causa della classe di precisione dei diodi, la tolleranza del valore è del +/- 7%

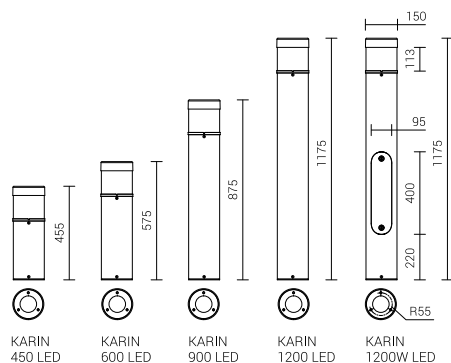
DIRETTIVE E NORME

DIRETTIVE: 2014/35/EU (OJ L 96, 29/03/2014, p.357), 2014/30/EU (OJ L 96, 29/03/2014, p.79), 2011/65/ EU RoHS (OJ L 174, 01.07.2011, p. 88), 2009/125/EC (OJ L 285, 31.10.2009, p. 10)

NORME: PN-EN IEC 60598-1: 2021-7, PN-EN 60598-2-3: 2006, PN-EN 60529: 2003, PN-EN 62262: 2003, PN-EN 62471:2010, PN-EN 55015: 2019, PN-EN 61547: 2009, PN-EN 61000-3-2: 2019, PN-EN 61000-3-3: 2014

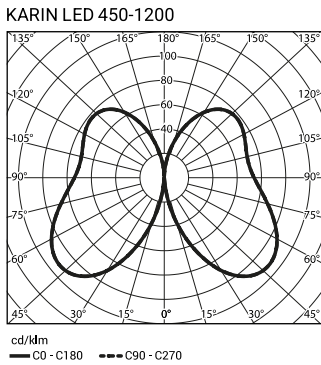
Parametri luminosi presentati sulla base di ricerche di laboratorio secondo l'IESNA LM-79-19

DISEGNO TECNICO



CURVE FOTOMETRICHE

KARIN LED 450-1200



NUMERO AMMESSO DI APPARECCHI SU UN CIRCUITO

Interruttori magnetotermici di tipo B o C

Colonna luminosa a LED	Tipo	2A	4A	6A	10A	16A	20A	25A
KARIN LED 450-1200	B	1	2	3	5	8	10	12
	C	1	3	5	8	13	16	20

Fusibili - tipo gG e gL

Colonna luminosa a LED	2A	4A	6A	10A	16A	20A	25A
KARIN LED 450-1200	0	3	5	7	15	20	29