



## DATI TECNICI

<b>Impiego</b>	autostrade e superstrade, strade urbane, strade di quartiere (interne), percorsi pedonali, parcheggi
<b>Montaggio</b>	su braccio con l'estremità di $\varnothing 60 \times 100$ mm
<b>Colore</b>	inox / nero
<b>Grado di protezione</b>	IP 66 per la parte ottica e per il sistema d'alimentazione
<b>Sistema ottico</b>	lente con PMMA, moduli sostituibili LED, cloche PC-UV
<b>Materiale</b>	lega di alluminio, anodizzato
<b>Campo di temperatura del funzionamento</b>	da $-40^{\circ}\text{C}$ a $+40^{\circ}\text{C}$
<b>Periodo di utilizzazione previsto</b>	L90B10 - 100 000 h
<b>Indice di resa cromatica CRI</b>	>70
<b>Frequenza della tensione di alimentazione</b>	50/60Hz
<b>Fattore di potenza</b>	$\geq 0.95$
<b>Numero di diodi</b>	24 - (48 W, 60 W, 72 W); 64 - (96 W, 120 W, 144 W, 192 W)
<b>Sistema di controllo</b>	L'apparecchio può essere collegato a un sistema di controllo esterno e/o sensori tramite una presa compatibile con Zhaga Book 18.



## TABELLA DELLE VARIANTI

Codice	Nome	Potenza LED	Potenza totale dell'apparecchio LED	Corrente di conduzione LED	Temperatura di colore della luce	Sorgente di luce LED <sup>1</sup>	Sorgente di luce dell'apparecchio <sup>2</sup>	Efficienza luminosa <sup>1</sup>	Volume unitario	Presa D4i	Peso netto
2225033/1/...	CUDDLE II LED D4i 48	48 W	55 W	700 mA	2700 K	8150 lm	6950 lm	126 lm/W	0.024 m <sup>3</sup>	1 ↑	5.6 kg
2225033/3/...	CUDDLE II LED D4i 48	48 W	55 W	700 mA	3500 K	8650 lm	7350 lm	134 lm/W	0.024 m <sup>3</sup>	1 ↑	5.6 kg
2225033/4/...	CUDDLE II LED D4i 48	48 W	55 W	700 mA	4000 K	9150 lm	7800 lm	142 lm/W	0.024 m <sup>3</sup>	1 ↑	5.6 kg
2225033/6/...	CUDDLE II LED D4i 48	48 W	55 W	700 mA	5000 K	9150 lm	7800 lm	142 lm/W	0.024 m <sup>3</sup>	1 ↑	5.6 kg
2225034/1/...	CUDDLE II LED D4i 60	60 W	67 W	830 mA	2700 K	9300 lm	7950 lm	119 lm/W	0.024 m <sup>3</sup>	1 ↑	5.6 kg
2225034/3/...	CUDDLE II LED D4i 60	60 W	67 W	830 mA	3500 K	9850 lm	8400 lm	125 lm/W	0.024 m <sup>3</sup>	1 ↑	5.6 kg
2225034/4/...	CUDDLE II LED D4i 60	60 W	67 W	830 mA	4000 K	10450 lm	8900 lm	133 lm/W	0.024 m <sup>3</sup>	1 ↑	5.6 kg
2225034/6/...	CUDDLE II LED D4i 60	60 W	67 W	830 mA	5000 K	10450 lm	8900 lm	133 lm/W	0.024 m <sup>3</sup>	1 ↑	5.6 kg
2225035/1/...	CUDDLE II LED D4i 72	72 W	79 W	1000 mA	2700 K	10700 lm	9100 lm	115 lm/W	0.024 m <sup>3</sup>	1 ↑	5.6 kg
2225035/3/...	CUDDLE II LED D4i 72	72 W	79 W	1000 mA	3500 K	11350 lm	9700 lm	123 lm/W	0.024 m <sup>3</sup>	1 ↑	5.6 kg
2225035/4/...	CUDDLE II LED D4i 72	72 W	79 W	1000 mA	4000 K	12100 lm	10300 lm	130 lm/W	0.024 m <sup>3</sup>	1 ↑	5.6 kg
2225035/6/...	CUDDLE II LED D4i 72	72 W	79 W	1000 mA	5000 K	12100 lm	10300 lm	130 lm/W	0.024 m <sup>3</sup>	1 ↑	5.6 kg
2225037/1/...	CUDDLE II LED D4i 96	96 W	105 W	500 mA	2700 K	16000 lm	13650 lm	130 lm/W	0.033 m <sup>3</sup>	1 ↑	7.8 kg
2225037/3/...	CUDDLE II LED D4i 96	96 W	105 W	500 mA	3500 K	16950 lm	14450 lm	138 lm/W	0.033 m <sup>3</sup>	1 ↑	7.8 kg
2225037/4/...	CUDDLE II LED D4i 96	96 W	105 W	500 mA	4000 K	18000 lm	15350 lm	146 lm/W	0.033 m <sup>3</sup>	1 ↑	7.8 kg
2225037/6/...	CUDDLE II LED D4i 96	96 W	105 W	500 mA	5000 K	18000 lm	15350 lm	146 lm/W	0.033 m <sup>3</sup>	1 ↑	7.8 kg
2225039/1/...	CUDDLE II LED D4i 120	120 W	129 W	625 mA	2700 K	19250 lm	16400 lm	127 lm/W	0.033 m <sup>3</sup>	1 ↑	7.8 kg
2225039/3/...	CUDDLE II LED D4i 120	120 W	129 W	625 mA	3500 K	20500 lm	17450 lm	135 lm/W	0.033 m <sup>3</sup>	1 ↑	7.8 kg
2225039/4/...	CUDDLE II LED D4i 120	120 W	129 W	625 mA	4000 K	21700 lm	18500 lm	143 lm/W	0.033 m <sup>3</sup>	1 ↑	7.8 kg
2225039/6/...	CUDDLE II LED D4i 120	120 W	129 W	625 mA	5000 K	21700 lm	18500 lm	143 lm/W	0.033 m <sup>3</sup>	1 ↑	7.8 kg
2225041/1/...	CUDDLE II LED D4i 144	144 W	154 W	750 mA	2700 K	22350 lm	19050 lm	124 lm/W	0.033 m <sup>3</sup>	1 ↑	7.8 kg
2225041/3/...	CUDDLE II LED D4i 144	144 W	154 W	750 mA	3500 K	23750 lm	20250 lm	131 lm/W	0.033 m <sup>3</sup>	1 ↑	7.8 kg
2225041/4/...	CUDDLE II LED D4i 144	144 W	154 W	750 mA	4000 K	25150 lm	21450 lm	139 lm/W	0.033 m <sup>3</sup>	1 ↑	7.8 kg
2225041/6/...	CUDDLE II LED D4i 144	144 W	154 W	750 mA	5000 K	25150 lm	21450 lm	139 lm/W	0.033 m <sup>3</sup>	1 ↑	7.8 kg
2225046/1/...	CUDDLE II LED D4i 192	192 W	205 W	1000 mA	2700 K	27850 lm	23750 lm	116 lm/W	0.033 m <sup>3</sup>	1 ↑	7.8 kg
2225046/3/...	CUDDLE II LED D4i 192	192 W	205 W	1000 mA	3500 K	29600 lm	25250 lm	123 lm/W	0.033 m <sup>3</sup>	1 ↑	7.8 kg
2225046/4/...	CUDDLE II LED D4i 192	192 W	205 W	1000 mA	4000 K	31350 lm	26700 lm	130 lm/W	0.033 m <sup>3</sup>	1 ↑	7.8 kg
2225046/6/...	CUDDLE II LED D4i 192	192 W	205 W	1000 mA	5000 K	31350 lm	26700 lm	130 lm/W	0.033 m <sup>3</sup>	1 ↑	7.8 kg
2225233/1/...	CUDDLE II LED D4i D 48	48 W	55 W	700 mA	2700 K	8150 lm	6950 lm	126 lm/W	0.024 m <sup>3</sup>	1 ↓	5.6 kg
2225233/3/...	CUDDLE II LED D4i D 48	48 W	55 W	700 mA	3500 K	8650 lm	7350 lm	134 lm/W	0.024 m <sup>3</sup>	1 ↓	5.6 kg

# CUDDLE II LED D4I



2225233/4/... <sup>2</sup>	CUDDLE II LED D4i D 48	48 W	55 W	700 mA	4000 K	9150 lm	7800 lm	142 lm/W	0.024 m³	1 ↓	5.6 kg
2225233/6/... <sup>2</sup>	CUDDLE II LED D4i D 48	48 W	55 W	700 mA	5000 K	9150 lm	7800 lm	142 lm/W	0.024 m³	1 ↓	5.6 kg
2225234/1/... <sup>2</sup>	CUDDLE II LED D4i D 60	60 W	67 W	830 mA	2700 K	9300 lm	7950 lm	119 lm/W	0.024 m³	1 ↓	5.6 kg
2225234/3/... <sup>2</sup>	CUDDLE II LED D4i D 60	60 W	67 W	830 mA	3500 K	9850 lm	8400 lm	125 lm/W	0.024 m³	1 ↓	5.6 kg
2225234/4/... <sup>2</sup>	CUDDLE II LED D4i D 60	60 W	67 W	830 mA	4000 K	10450 lm	8900 lm	133 lm/W	0.024 m³	1 ↓	5.6 kg
2225234/6/... <sup>2</sup>	CUDDLE II LED D4i D 60	60 W	67 W	830 mA	5000 K	10450 lm	8900 lm	133 lm/W	0.024 m³	1 ↓	5.6 kg
2225235/1/... <sup>2</sup>	CUDDLE II LED D4i D 72	72 W	79 W	1000 mA	2700 K	10700 lm	9100 lm	115 lm/W	0.024 m³	1 ↓	5.6 kg
2225235/3/... <sup>2</sup>	CUDDLE II LED D4i D 72	72 W	79 W	1000 mA	3500 K	11350 lm	9700 lm	123 lm/W	0.024 m³	1 ↓	5.6 kg
2225235/4/... <sup>2</sup>	CUDDLE II LED D4i D 72	72 W	79 W	1000 mA	4000 K	12100 lm	10300 lm	130 lm/W	0.024 m³	1 ↓	5.6 kg
2225235/6/... <sup>2</sup>	CUDDLE II LED D4i D 72	72 W	79 W	1000 mA	5000 K	12100 lm	10300 lm	130 lm/W	0.024 m³	1 ↓	5.6 kg
2225237/1/... <sup>2</sup>	CUDDLE II LED D4i D 96	96 W	105 W	500 mA	2700 K	16000 lm	13650 lm	130 lm/W	0.033 m³	1 ↓	7.8 kg
2225237/3/... <sup>2</sup>	CUDDLE II LED D4i D 96	96 W	105 W	500 mA	3500 K	16950 lm	14450 lm	138 lm/W	0.033 m³	1 ↓	7.8 kg
2225237/4/... <sup>2</sup>	CUDDLE II LED D4i D 96	96 W	105 W	500 mA	4000 K	18000 lm	15350 lm	146 lm/W	0.033 m³	1 ↓	7.8 kg
2225237/6/... <sup>2</sup>	CUDDLE II LED D4i D 96	96 W	105 W	500 mA	5000 K	18000 lm	15350 lm	146 lm/W	0.033 m³	1 ↓	7.8 kg
2225239/1/... <sup>2</sup>	CUDDLE II LED D4i D 120	120 W	129 W	625 mA	2700 K	19250 lm	16400 lm	127 lm/W	0.033 m³	1 ↓	7.8 kg
2225239/3/... <sup>2</sup>	CUDDLE II LED D4i D 120	120 W	129 W	625 mA	3500 K	20500 lm	17450 lm	135 lm/W	0.033 m³	1 ↓	7.8 kg
2225239/4/... <sup>2</sup>	CUDDLE II LED D4i D 120	120 W	129 W	625 mA	4000 K	21700 lm	18500 lm	143 lm/W	0.033 m³	1 ↓	7.8 kg
2225239/6/... <sup>2</sup>	CUDDLE II LED D4i D 120	120 W	129 W	625 mA	5000 K	21700 lm	18500 lm	143 lm/W	0.033 m³	1 ↓	7.8 kg
2225241/1/... <sup>2</sup>	CUDDLE II LED D4i D 144	144 W	154 W	750 mA	2700 K	22350 lm	19050 lm	124 lm/W	0.033 m³	1 ↓	7.8 kg
2225241/3/... <sup>2</sup>	CUDDLE II LED D4i D 144	144 W	154 W	750 mA	3500 K	23750 lm	20250 lm	131 lm/W	0.033 m³	1 ↓	7.8 kg
2225241/4/... <sup>2</sup>	CUDDLE II LED D4i D 144	144 W	154 W	750 mA	4000 K	25150 lm	21450 lm	139 lm/W	0.033 m³	1 ↓	7.8 kg
2225241/6/... <sup>2</sup>	CUDDLE II LED D4i D 144	144 W	154 W	750 mA	5000 K	25150 lm	21450 lm	139 lm/W	0.033 m³	1 ↓	7.8 kg
2225246/1/... <sup>2</sup>	CUDDLE II LED D4i D 192	192 W	205 W	1000 mA	2700 K	27850 lm	23750 lm	116 lm/W	0.033 m³	1 ↓	7.8 kg
2225246/3/... <sup>2</sup>	CUDDLE II LED D4i D 192	192 W	205 W	1000 mA	3500 K	29600 lm	25250 lm	123 lm/W	0.033 m³	1 ↓	7.8 kg
2225246/4/... <sup>2</sup>	CUDDLE II LED D4i D 192	192 W	205 W	1000 mA	4000 K	31350 lm	26700 lm	130 lm/W	0.033 m³	1 ↓	7.8 kg
2225246/6/... <sup>2</sup>	CUDDLE II LED D4i D 192	192 W	205 W	1000 mA	5000 K	31350 lm	26700 lm	130 lm/W	0.033 m³	1 ↓	7.8 kg
2225433/1/... <sup>2</sup>	CUDDLE II LED D4i x2 48	48 W	55 W	700 mA	2700 K	8150 lm	6950 lm	126 lm/W	0.024 m³	1 ↑ / 1 ↓	5.6 kg
2225433/3/... <sup>2</sup>	CUDDLE II LED D4i x2 48	48 W	55 W	700 mA	3500 K	8650 lm	7350 lm	134 lm/W	0.024 m³	1 ↑ / 1 ↓	5.6 kg
2225433/4/... <sup>2</sup>	CUDDLE II LED D4i x2 48	48 W	55 W	700 mA	4000 K	9150 lm	7800 lm	142 lm/W	0.024 m³	1 ↑ / 1 ↓	5.6 kg
2225433/6/... <sup>2</sup>	CUDDLE II LED D4i x2 48	48 W	55 W	700 mA	5000 K	9150 lm	7800 lm	142 lm/W	0.024 m³	1 ↑ / 1 ↓	5.6 kg
2225434/1/... <sup>2</sup>	CUDDLE II LED D4i x2 60	60 W	67 W	830 mA	2700 K	9300 lm	7950 lm	119 lm/W	0.024 m³	1 ↑ / 1 ↓	5.6 kg
2225434/3/... <sup>2</sup>	CUDDLE II LED D4i x2 60	60 W	67 W	830 mA	3500 K	9850 lm	8400 lm	125 lm/W	0.024 m³	1 ↑ / 1 ↓	5.6 kg
2225434/4/... <sup>2</sup>	CUDDLE II LED D4i x2 60	60 W	67 W	830 mA	4000 K	10450 lm	8900 lm	133 lm/W	0.024 m³	1 ↑ / 1 ↓	5.6 kg
2225434/6/... <sup>2</sup>	CUDDLE II LED D4i x2 60	60 W	67 W	830 mA	5000 K	10450 lm	8900 lm	133 lm/W	0.024 m³	1 ↑ / 1 ↓	5.6 kg
2225435/1/... <sup>2</sup>	CUDDLE II LED D4i x2 72	72 W	79 W	1000 mA	2700 K	10700 lm	9100 lm	115 lm/W	0.024 m³	1 ↑ / 1 ↓	5.6 kg
2225435/3/... <sup>2</sup>	CUDDLE II LED D4i x2 72	72 W	79 W	1000 mA	3500 K	11350 lm	9700 lm	123 lm/W	0.024 m³	1 ↑ / 1 ↓	5.6 kg
2225435/4/... <sup>2</sup>	CUDDLE II LED D4i x2 72	72 W	79 W	1000 mA	4000 K	12100 lm	10300 lm	130 lm/W	0.024 m³	1 ↑ / 1 ↓	5.6 kg
2225435/6/... <sup>2</sup>	CUDDLE II LED D4i x2 72	72 W	79 W	1000 mA	5000 K	12100 lm	10300 lm	130 lm/W	0.024 m³	1 ↑ / 1 ↓	5.6 kg
2225437/1/... <sup>2</sup>	CUDDLE II LED D4i x2 96	96 W	105 W	500 mA	2700 K	16000 lm	13650 lm	130 lm/W	0.033 m³	1 ↑ / 1 ↓	7.8 kg
2225437/3/... <sup>2</sup>	CUDDLE II LED D4i x2 96	96 W	105 W	500 mA	3500 K	16950 lm	14450 lm	138 lm/W	0.033 m³	1 ↑ / 1 ↓	7.8 kg
2225437/4/... <sup>2</sup>	CUDDLE II LED D4i x2 96	96 W	105 W	500 mA	4000 K	18000 lm	15350 lm	146 lm/W	0.033 m³	1 ↑ / 1 ↓	7.8 kg
2225437/6/... <sup>2</sup>	CUDDLE II LED D4i x2 96	96 W	105 W	500 mA	5000 K	18000 lm	15350 lm	146 lm/W	0.033 m³	1 ↑ / 1 ↓	7.8 kg
2225439/1/... <sup>2</sup>	CUDDLE II LED D4i x2 120	120 W	129 W	625 mA	2700 K	19250 lm	16400 lm	127 lm/W	0.033 m³	1 ↑ / 1 ↓	7.8 kg
2225439/3/... <sup>2</sup>	CUDDLE II LED D4i x2 120	120 W	129 W	625 mA	3500 K	20500 lm	17450 lm	135 lm/W	0.033 m³	1 ↑ / 1 ↓	7.8 kg
2225439/4/... <sup>2</sup>	CUDDLE II LED D4i x2 120	120 W	129 W	625 mA	4000 K	21700 lm	18500 lm	143 lm/W	0.033 m³	1 ↑ / 1 ↓	7.8 kg
2225439/6/... <sup>2</sup>	CUDDLE II LED D4i x2 120	120 W	129 W	625 mA	5000 K	21700 lm	18500 lm	143 lm/W	0.033 m³	1 ↑ / 1 ↓	7.8 kg
2225441/1/... <sup>2</sup>	CUDDLE II LED D4i x2 144	144 W	154 W	750 mA	2700 K	22350 lm	19050 lm	124 lm/W	0.033 m³	1 ↑ / 1 ↓	7.8 kg
2225441/3/... <sup>2</sup>	CUDDLE II LED D4i x2 144	144 W	154 W	750 mA	3500 K	23750 lm	20250 lm	131 lm/W	0.033 m³	1 ↑ / 1 ↓	7.8 kg
2225441/4/... <sup>2</sup>	CUDDLE II LED D4i x2 144	144 W	154 W	750 mA	4000 K	25150 lm	21450 lm	139 lm/W	0.033 m³	1 ↑ / 1 ↓	7.8 kg
2225441/6/... <sup>2</sup>	CUDDLE II LED D4i x2 144	144 W	154 W	750 mA	5000 K	25150 lm	21450 lm	139 lm/W	0.033 m³	1 ↑ / 1 ↓	7.8 kg
2225446/1/... <sup>2</sup>	CUDDLE II LED D4i x2 192	192 W	205 W	1000 mA	2700 K	27850 lm	23750 lm	116 lm/W	0.033 m³	1 ↑ / 1 ↓	7.8 kg
2225446/3/... <sup>2</sup>	CUDDLE II LED D4i x2 192	192 W	205 W	1000 mA	3500 K	29600 lm	25250 lm	123 lm/W	0.033 m³	1 ↑ / 1 ↓	7.8 kg
2225446/4/... <sup>2</sup>	CUDDLE II LED D4i x2 192	192 W	205 W	1000 mA	4000 K	31350 lm	26700 lm	130 lm/W	0.033 m³	1 ↑ / 1 ↓	7.8 kg
2225446/6/... <sup>2</sup>	CUDDLE II LED D4i x2 192	192 W	205 W	1000 mA	5000 K	31350 lm	26700 lm	130 lm/W	0.033 m³	1 ↑ / 1 ↓	7.8 kg

1) a causa della classe di precisione dei diodi, la tolleranza del valore è del +/- 5%

2) simbolo del sistema ottico scelto p.e. 2225033/6/T2 sta per l'apparecchio CUDDLE II LED D4i 48 5000K con il sistema ottico T2 ↑ - presa D4i dall'alto, ↓ - presa D4i dal basso, ↑↓ - presa D4i dall'alto e dal basso

## 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 (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: 2013, PN-EN 61547: 2009, PN-EN 61000-3-2: 2014, PN-EN 61000-3-3: 2013, PN-EN 62722-2-1 (tq=40°C)

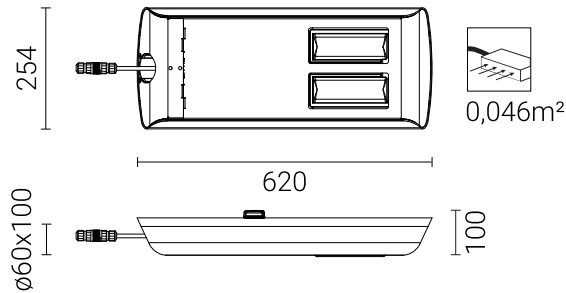
## SCARICA DI CARICA DAL CORPO DELL'APPARECCHIO A LED

Per scaricare efficacemente la carica dall'alloggiamento dell'apparecchio a LED installato su un palo in materiale dielettrico (non conduttivo), è necessaria una delle seguenti soluzioni:

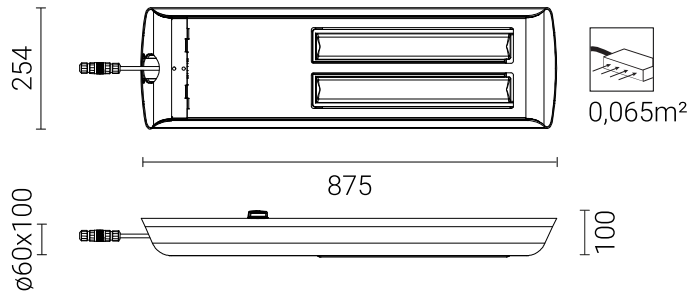
- messa a terra funzionale
- apparecchio a LED con un sistema di sicurezza aggiuntivo

## DISEGNO TECNICO

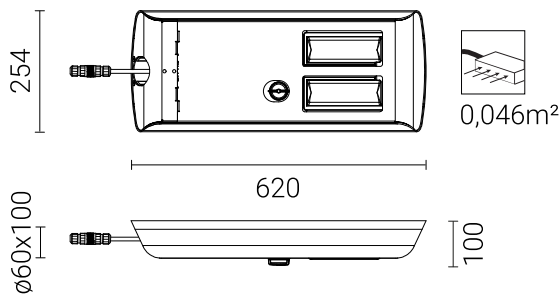
CUDDLE II LED D4i 48W, 60W, 72W



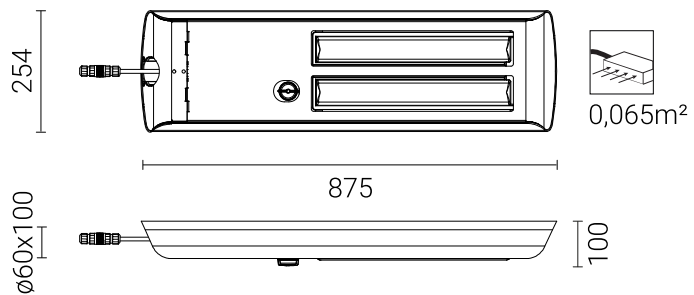
CUDDLE II LED D4i 96W, 120W, 144W, 192W



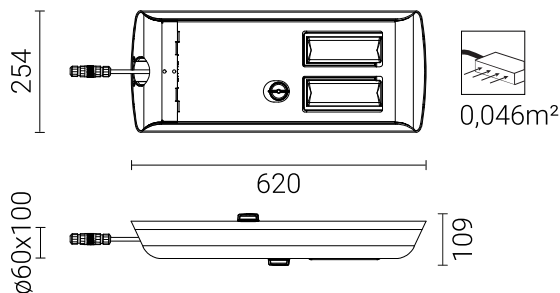
CUDDLE II LED D4i D 48W, 60W, 72W



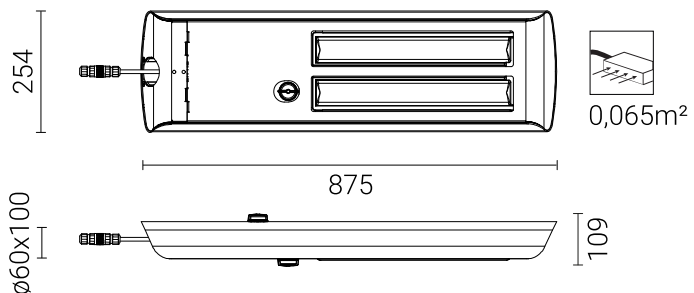
CUDDLE II LED D4i D 96W, 120W, 144W, 192W



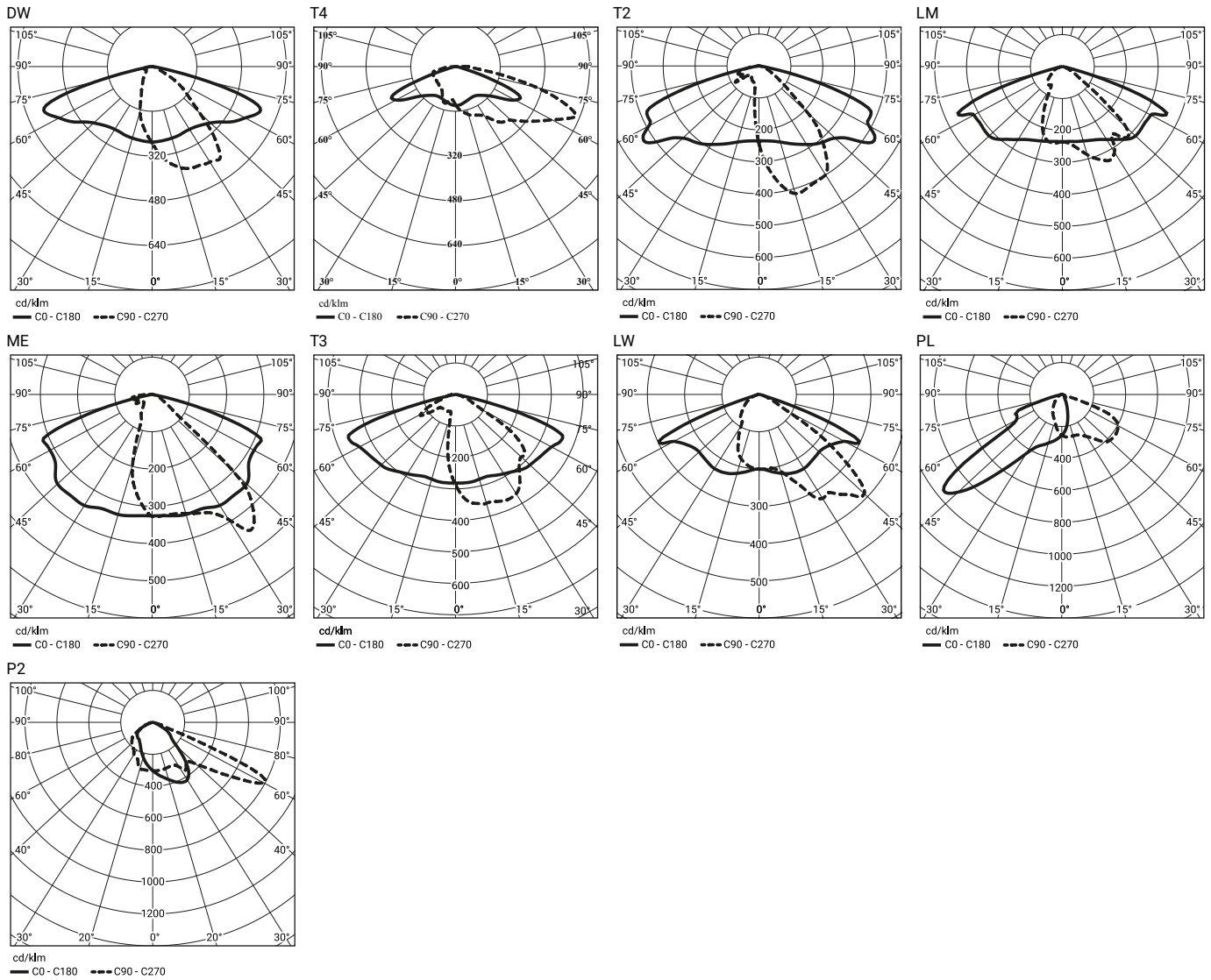
CUDDLE II LED D4i x2 48W, 60W, 72W



CUDDLE II LED D4i x2 96W, 120W, 144W, 192W



## CURVE FOTOMETRICHE



## FUNZIONI DEL SISTEMA DI POTENZA

L'apparecchio dispone di serie delle seguenti funzioni del sistema di alimentazione intelligente:

- Possibilità di programmare l'oscuramento multistadio dell'apparecchio - fino a 5 intervalli di tempo nell'intervallo dal 10 al 100% della potenza nominale,
- Protezione termica del modulo LED contro il surriscaldamento in caso di funzionamento involontario dell'apparecchio durante il giorno,
- Regolazione potenza/flusso luminoso dell'apparecchio - possibilità di impostare un valore diverso da quello di catalogo, nel range 30-100% della potenza o del flusso nominale

# CUDDLE II LED D4I



## NUMERO AMMESSO DI APPARECCHI SU UN CIRCUITO

Interruttori magnetotermici di tipo B o C

Apparecchi	Tipo	2A	4A	6A	10A	16A	20A	25A
CUDDLE II LED D4i 48, 60, 72W	B	3	7	11	18	30	36	46
	C	3	7	11	18	30	36	46
CUDDLE II LED D4i 96, 120, 144W	B	1	3	5	8	14	17	22
	C	1	3	5	8	14	17	22
CUDDLE II LED D4i 192W	B	0	1	2	3	5	6	7
	C	0	2	3	5	8	10	13

Fusibili - tipo gG e gL

Apparecchi	2A	4A	6A	10A	16A	20A	25A
CUDDLE II LED D4i 48W	6	13	20	33	53	66	83
CUDDLE II LED D4i 60W	5	10	16	27	43	54	68
CUDDLE II LED D4i 72W	4	9	13	23	37	46	58
CUDDLE II LED D4i 96W	3	7	10	17	28	35	43
CUDDLE II LED D4i 120W	2	5	8	14	22	28	35
CUDDLE II LED D4i 144W	2	4	7	11	19	23	29
CUDDLE II LED D4i 192W	0	2	4	6	12	17	22

## CROMATICITÀ

Cromaticità	x	y
2700K	0,4582	0,4099
3500K	0,4080	0,3916
4000K	0,3825	0,3798
5000K	0,3451	0,3554

## CODICE FOTOMETRICO

2700K	727/559
3500K	735/559
4000K	740/559
5000K	750/559