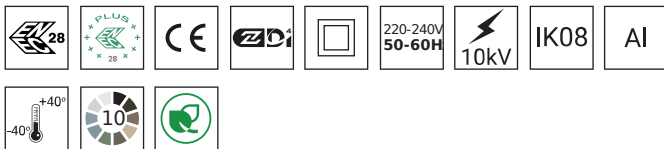




## DATI TECNICI

<b>Montaggio</b>	direttamente sul palo o sul braccio $\varnothing$ 60 x 180 mm, su braccio con l'estremità di $\varnothing$ 60 x 100 mm
<b>Impiego</b>	autostrade e superstrade, strade urbane, strade di quartiere (interne), percorsi pedonali, parcheggi
<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
	0,024 m <sup>3</sup> (CUDDLE II LED REG D4i 48 - 72 W) 0,033 m <sup>3</sup> (CUDDLE II LED REG D4i 96 - 144 W)
<b>Campo di temperatura del funzionamento</b>	da -40°C a +40°C
<b>Periodo di utilizzazione previsto</b>	L90B10 - 100 000 h
<b>Indice di resa cromatica CRI</b>	>70
	49 A / 290 $\mu$ s (CUDDLE II LED REG D4i 48 - 72) 24 A / 60 $\mu$ s (CUDDLE II LED REG D4i 96 - 144) 85 A / 215 $\mu$ s (CUDDLE II LED REG D4i 192)
<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	Corrente di conduzione	Temperatura di colore della luce	Sorgente di luce LED <sup>1</sup>	Sorgente di luce dell'apparecchio <sup>1</sup>	Efficienza luminosa <sup>1</sup>	Presa D4i	Peso netto
2225133/1/...	CUDDLE II LED REG D4i 48	48 W	55 W	700 mA	2700 K	8150 lm	6950 lm	126 lm/W	1 ↑	6.7 kg
2225133/3/...	CUDDLE II LED REG D4i 48	48 W	55 W	700 mA	3500 K	8650 lm	7350 lm	134 lm/W	1 ↑	6.7 kg
2225133/4/...	CUDDLE II LED REG D4i 48	48 W	55 W	700 mA	4000 K	9150 lm	7800 lm	142 lm/W	1 ↑	6.7 kg
2225133/6/...	CUDDLE II LED REG D4i 48	48 W	55 W	700 mA	5000 K	9150 lm	7800 lm	142 lm/W	1 ↑	6.7 kg
2225134/1/...	CUDDLE II LED REG D4i 60	60 W	67 W	830 mA	2700 K	9300 lm	7950 lm	119 lm/W	1 ↑	6.7 kg
2225134/3/...	CUDDLE II LED REG D4i 60	60 W	67 W	830 mA	3500 K	9850 lm	8400 lm	125 lm/W	1 ↑	6.7 kg
2225134/4/...	CUDDLE II LED REG D4i 60	60 W	67 W	830 mA	4000 K	10450 lm	8900 lm	133 lm/W	1 ↑	6.7 kg
2225134/6/...	CUDDLE II LED REG D4i 60	60 W	67 W	830 mA	5000 K	10450 lm	8900 lm	133 lm/W	1 ↑	6.7 kg
2225135/1/...	CUDDLE II LED REG D4i 72	72 W	79 W	1000 mA	2700 K	10700 lm	9100 lm	115 lm/W	1 ↑	6.7 kg
2225135/3/...	CUDDLE II LED REG D4i 72	72 W	79 W	1000 mA	3500 K	11350 lm	9700 lm	123 lm/W	1 ↑	6.7 kg
2225135/4/...	CUDDLE II LED REG D4i 72	72 W	79 W	1000 mA	4000 K	12100 lm	10300 lm	130 lm/W	1 ↑	6.7 kg
2225135/6/...	CUDDLE II LED REG D4i 72	72 W	79 W	1000 mA	5000 K	12100 lm	10300 lm	130 lm/W	1 ↑	6.7 kg
2225137/1/...	CUDDLE II LED REG D4i 96	96 W	105 W	500 mA	2700 K	16000 lm	13650 lm	130 lm/W	1 ↑	9 kg
2225137/3/...	CUDDLE II LED REG D4i 96	96 W	105 W	500 mA	3500 K	16950 lm	14450 lm	138 lm/W	1 ↑	9 kg
2225137/4/...	CUDDLE II LED REG D4i 96	96 W	105 W	500 mA	4000 K	18000 lm	15350 lm	146 lm/W	1 ↑	9 kg
2225137/6/...	CUDDLE II LED REG D4i 96	96 W	105 W	500 mA	5000 K	18000 lm	15350 lm	146 lm/W	1 ↑	9 kg
2225139/1/...	CUDDLE II LED REG D4i 120	120 W	129 W	625 mA	2700 K	19250 lm	16400 lm	127 lm/W	1 ↑	9 kg
2225139/3/...	CUDDLE II LED REG D4i 120	120 W	129 W	625 mA	3500 K	20500 lm	17450 lm	135 lm/W	1 ↑	9 kg
2225139/4/...	CUDDLE II LED REG D4i 120	120 W	129 W	625 mA	4000 K	21700 lm	18500 lm	143 lm/W	1 ↑	9 kg
2225139/6/...	CUDDLE II LED REG D4i 120	120 W	129 W	625 mA	5000 K	21700 lm	18500 lm	143 lm/W	1 ↑	9 kg
2225141/1/...	CUDDLE II LED REG D4i 144	144 W	154 W	750 mA	2700 K	22350 lm	19050 lm	124 lm/W	1 ↑	9 kg
2225141/3/...	CUDDLE II LED REG D4i 144	144 W	154 W	750 mA	3500 K	23750 lm	20250 lm	131 lm/W	1 ↑	9 kg
2225141/4/...	CUDDLE II LED REG D4i 144	144 W	154 W	750 mA	4000 K	25150 lm	21450 lm	139 lm/W	1 ↑	9 kg
2225141/6/...	CUDDLE II LED REG D4i 144	144 W	154 W	750 mA	5000 K	25150 lm	21450 lm	139 lm/W	1 ↑	9 kg

# CUDDLE II LED REG D4I



ZZ25146/1/... <sup>2</sup>	CUDDLE II LED REG D4I 192	192 W	205 W	1000 mA	2700 K	27850 lm	23750 lm	116 lm/W	1 ↑	9 kg
2225146/3/... <sup>2</sup>	CUDDLE II LED REG D4I 192	192 W	205 W	1000 mA	3500 K	29600 lm	25250 lm	123 lm/W	1 ↑	9 kg
2225146/4/... <sup>2</sup>	CUDDLE II LED REG D4I 192	192 W	205 W	1000 mA	4000 K	31350 lm	26700 lm	130 lm/W	1 ↑	9 kg
2225146/6/... <sup>2</sup>	CUDDLE II LED REG D4I 192	192 W	205 W	1000 mA	5000 K	31350 lm	26700 lm	130 lm/W	1 ↑	9 kg
2225333/1/... <sup>2</sup>	CUDDLE II LED REG D4I D 48	48 W	55 W	700 mA	2700 K	8150 lm	6950 lm	126 lm/W	1 ↓	6.7 kg
2225333/3/... <sup>2</sup>	CUDDLE II LED REG D4I D 48	48 W	55 W	700 mA	3500 K	8650 lm	7350 lm	134 lm/W	1 ↓	6.7 kg
2225333/4/... <sup>2</sup>	CUDDLE II LED REG D4I D 48	48 W	55 W	700 mA	4000 K	9150 lm	7800 lm	142 lm/W	1 ↓	6.7 kg
2225333/6/... <sup>2</sup>	CUDDLE II LED REG D4I D 48	48 W	55 W	700 mA	5000 K	9150 lm	7800 lm	142 lm/W	1 ↓	6.7 kg
2225334/1/... <sup>2</sup>	CUDDLE II LED REG D4I D 60	60 W	67 W	830 mA	2700 K	9300 lm	7950 lm	119 lm/W	1 ↓	6.7 kg
2225334/3/... <sup>2</sup>	CUDDLE II LED REG D4I D 60	60 W	67 W	830 mA	3500 K	9850 lm	8400 lm	125 lm/W	1 ↓	6.7 kg
2225334/4/... <sup>2</sup>	CUDDLE II LED REG D4I D 60	60 W	67 W	830 mA	4000 K	10450 lm	8900 lm	133 lm/W	1 ↓	6.7 kg
2225334/6/... <sup>2</sup>	CUDDLE II LED REG D4I D 60	60 W	67 W	830 mA	5000 K	10450 lm	8900 lm	133 lm/W	1 ↓	6.7 kg
2225335/1/... <sup>2</sup>	CUDDLE II LED REG D4I D 72	72 W	79 W	1000 mA	2700 K	10700 lm	9100 lm	115 lm/W	1 ↓	6.7 kg
2225335/3/... <sup>2</sup>	CUDDLE II LED REG D4I D 72	72 W	79 W	1000 mA	3500 K	11350 lm	9700 lm	123 lm/W	1 ↓	6.7 kg
2225335/4/... <sup>2</sup>	CUDDLE II LED REG D4I D 72	72 W	79 W	1000 mA	4000 K	12100 lm	10300 lm	130 lm/W	1 ↓	6.7 kg
2225335/6/... <sup>2</sup>	CUDDLE II LED REG D4I D 72	72 W	79 W	1000 mA	5000 K	12100 lm	10300 lm	130 lm/W	1 ↓	6.7 kg
2225337/1/... <sup>2</sup>	CUDDLE II LED REG D4I D 96	96 W	105 W	500 mA	2700 K	16000 lm	13650 lm	130 lm/W	1 ↓	9 kg
2225337/3/... <sup>2</sup>	CUDDLE II LED REG D4I D 96	96 W	105 W	500 mA	3500 K	16950 lm	14450 lm	138 lm/W	1 ↓	9 kg
2225337/4/... <sup>2</sup>	CUDDLE II LED REG D4I D 96	96 W	105 W	500 mA	4000 K	18000 lm	15350 lm	146 lm/W	1 ↓	9 kg
2225337/6/... <sup>2</sup>	CUDDLE II LED REG D4I D 96	96 W	105 W	500 mA	5000 K	18000 lm	15350 lm	146 lm/W	1 ↓	9 kg
2225339/1/... <sup>2</sup>	CUDDLE II LED REG D4I D 120	120 W	129 W	625 mA	2700 K	19250 lm	16400 lm	127 lm/W	1 ↓	9 kg
2225339/3/... <sup>2</sup>	CUDDLE II LED REG D4I D 120	120 W	129 W	625 mA	3500 K	20500 lm	17450 lm	135 lm/W	1 ↓	9 kg
2225339/4/... <sup>2</sup>	CUDDLE II LED REG D4I D 120	120 W	129 W	625 mA	4000 K	21700 lm	18500 lm	143 lm/W	1 ↓	9 kg
2225339/6/... <sup>2</sup>	CUDDLE II LED REG D4I D 120	120 W	129 W	625 mA	5000 K	21700 lm	18500 lm	143 lm/W	1 ↓	9 kg
2225341/1/... <sup>2</sup>	CUDDLE II LED REG D4I D 144	144 W	154 W	750 mA	2700 K	22350 lm	19050 lm	124 lm/W	1 ↓	9 kg
2225341/3/... <sup>2</sup>	CUDDLE II LED REG D4I D 144	144 W	154 W	750 mA	3500 K	23750 lm	20250 lm	131 lm/W	1 ↓	9 kg
2225341/4/... <sup>2</sup>	CUDDLE II LED REG D4I D 144	144 W	154 W	750 mA	4000 K	25150 lm	21450 lm	139 lm/W	1 ↓	9 kg
2225341/6/... <sup>2</sup>	CUDDLE II LED REG D4I D 144	144 W	154 W	750 mA	5000 K	25150 lm	21450 lm	139 lm/W	1 ↓	9 kg
2225346/1/... <sup>2</sup>	CUDDLE II LED REG D4I D 192	192 W	205 W	1000 mA	2700 K	27850 lm	23750 lm	116 lm/W	1 ↓	9 kg
2225346/3/... <sup>2</sup>	CUDDLE II LED REG D4I D 192	192 W	205 W	1000 mA	3500 K	29600 lm	25250 lm	123 lm/W	1 ↓	9 kg
2225346/4/... <sup>2</sup>	CUDDLE II LED REG D4I D 192	192 W	205 W	1000 mA	4000 K	31350 lm	26700 lm	130 lm/W	1 ↓	9 kg
2225346/6/... <sup>2</sup>	CUDDLE II LED REG D4I D 192	192 W	205 W	1000 mA	5000 K	31350 lm	26700 lm	130 lm/W	1 ↓	9 kg
2225533/1/... <sup>2</sup>	CUDDLE II LED REG D4I x2 48	48 W	55 W	700 mA	2700 K	8150 lm	6950 lm	126 lm/W	1 ↑ / 1 ↓	6.7 kg
2225533/3/... <sup>2</sup>	CUDDLE II LED REG D4I x2 48	48 W	55 W	700 mA	3500 K	8650 lm	7350 lm	134 lm/W	1 ↑ / 1 ↓	6.7 kg
2225533/4/... <sup>2</sup>	CUDDLE II LED REG D4I x2 48	48 W	55 W	700 mA	4000 K	9150 lm	7800 lm	142 lm/W	1 ↑ / 1 ↓	6.7 kg
2225533/6/... <sup>2</sup>	CUDDLE II LED REG D4I x2 48	48 W	55 W	700 mA	5000 K	9150 lm	7800 lm	142 lm/W	1 ↑ / 1 ↓	6.7 kg
2225534/1/... <sup>2</sup>	CUDDLE II LED REG D4I x2 60	60 W	67 W	830 mA	2700 K	9300 lm	7950 lm	119 lm/W	1 ↑ / 1 ↓	6.7 kg
2225534/3/... <sup>2</sup>	CUDDLE II LED REG D4I x2 60	60 W	67 W	830 mA	3500 K	9850 lm	8400 lm	125 lm/W	1 ↑ / 1 ↓	6.7 kg
2225534/4/... <sup>2</sup>	CUDDLE II LED REG D4I x2 60	60 W	67 W	830 mA	4000 K	10450 lm	8900 lm	133 lm/W	1 ↑ / 1 ↓	6.7 kg
2225534/6/... <sup>2</sup>	CUDDLE II LED REG D4I x2 60	60 W	67 W	830 mA	5000 K	10450 lm	8900 lm	133 lm/W	1 ↑ / 1 ↓	6.7 kg
2225535/1/... <sup>2</sup>	CUDDLE II LED REG D4I x2 72	72 W	79 W	1000 mA	2700 K	10700 lm	9100 lm	115 lm/W	1 ↑ / 1 ↓	6.7 kg
2225535/3/... <sup>2</sup>	CUDDLE II LED REG D4I x2 72	72 W	79 W	1000 mA	3500 K	11350 lm	9700 lm	123 lm/W	1 ↑ / 1 ↓	6.7 kg
2225535/4/... <sup>2</sup>	CUDDLE II LED REG D4I x2 72	72 W	79 W	1000 mA	4000 K	12100 lm	10300 lm	130 lm/W	1 ↑ / 1 ↓	6.7 kg
2225535/6/... <sup>2</sup>	CUDDLE II LED REG D4I x2 72	72 W	79 W	1000 mA	5000 K	12100 lm	10300 lm	130 lm/W	1 ↑ / 1 ↓	6.7 kg
2225537/1/... <sup>2</sup>	CUDDLE II LED REG D4I x2 96	96 W	105 W	500 mA	2700 K	16000 lm	13650 lm	130 lm/W	1 ↑ / 1 ↓	9 kg
2225537/3/... <sup>2</sup>	CUDDLE II LED REG D4I x2 96	96 W	105 W	500 mA	3500 K	16950 lm	14450 lm	138 lm/W	1 ↑ / 1 ↓	9 kg
2225537/4/... <sup>2</sup>	CUDDLE II LED REG D4I x2 96	96 W	105 W	500 mA	4000 K	18000 lm	15350 lm	146 lm/W	1 ↑ / 1 ↓	9 kg
2225537/6/... <sup>2</sup>	CUDDLE II LED REG D4I x2 96	96 W	105 W	500 mA	5000 K	18000 lm	15350 lm	146 lm/W	1 ↑ / 1 ↓	9 kg
2225539/1/... <sup>2</sup>	CUDDLE II LED REG D4I x2 120	120 W	129 W	625 mA	2700 K	19250 lm	16400 lm	127 lm/W	1 ↑ / 1 ↓	9 kg
2225539/3/... <sup>2</sup>	CUDDLE II LED REG D4I x2 120	120 W	129 W	625 mA	3500 K	20500 lm	17450 lm	135 lm/W	1 ↑ / 1 ↓	9 kg
2225539/4/... <sup>2</sup>	CUDDLE II LED REG D4I x2 120	120 W	129 W	625 mA	4000 K	21700 lm	18500 lm	143 lm/W	1 ↑ / 1 ↓	9 kg
2225539/6/... <sup>2</sup>	CUDDLE II LED REG D4I x2 120	120 W	129 W	625 mA	5000 K	21700 lm	18500 lm	143 lm/W	1 ↑ / 1 ↓	9 kg
2225541/1/... <sup>2</sup>	CUDDLE II LED REG D4I x2 144	144 W	154 W	750 mA	2700 K	22350 lm	19050 lm	124 lm/W	1 ↑ / 1 ↓	9 kg
2225541/3/... <sup>2</sup>	CUDDLE II LED REG D4I x2 144	144 W	154 W	750 mA	3500 K	23750 lm	20250 lm	131 lm/W	1 ↑ / 1 ↓	9 kg
2225541/4/... <sup>2</sup>	CUDDLE II LED REG D4I x2 144	144 W	154 W	750 mA	4000 K	25150 lm	21450 lm	139 lm/W	1 ↑ / 1 ↓	9 kg
2225541/6/... <sup>2</sup>	CUDDLE II LED REG D4I x2 144	144 W	154 W	750 mA	5000 K	25150 lm	21450 lm	139 lm/W	1 ↑ / 1 ↓	9 kg

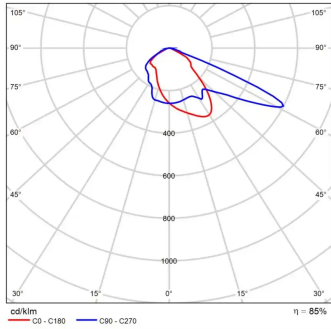
Data di aggiornamento: 19-05-2026

Zakład Produkcji Sprzętu Oświetleniowego „ROSA” Sp. z o.o.  
43-109 Tychy, ul. Strefowa 1 tel. +48 32 73 88 901

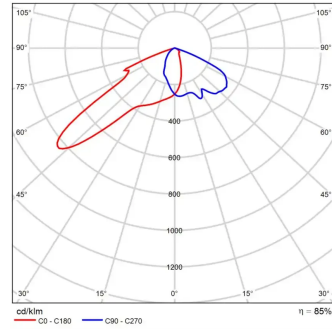
[www.rosa.pl](http://www.rosa.pl)



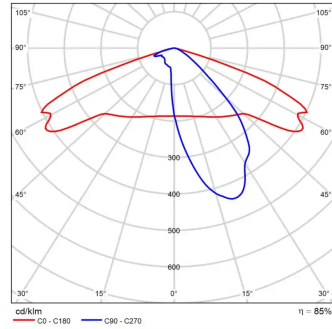
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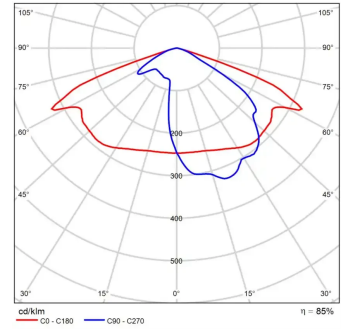
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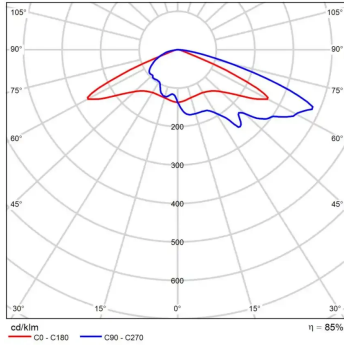
T2



T3



T4



## 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,
- Modulo LED dotato di protezione termica implementata tramite termistore NTC,
- Regolazione potenza/fluxo luminoso dell'apparecchio - possibilità di impostare un valore diverso da quello di catalogo, nel range 30-100% della potenza o del flusso nominale

## 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	4	9	13	23	37	46	58
	C	4	9	13	23	37	46	58
CUDDLE II LED D4i 96, 120, 144W	B	1	3	5	8	14	17	21
	C	1	4	7	11	19	23	29
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 REG D4i 48W	4	9	13	23	37	46	58
CUDDLE II LED REG D4i 60W	4	9	13	23	37	46	58
CUDDLE II LED REG D4i 72W	4	9	13	23	37	46	58
CUDDLE II LED REG D4i 96W	2	4	7	11	19	23	29
CUDDLE II LED REG D4i 120W	2	4	7	11	19	23	29
CUDDLE II LED REG D4i 144W	2	4	7	11	19	23	29
CUDDLE II LED REG 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