


DODO®

INDUSTRY & SPORTS



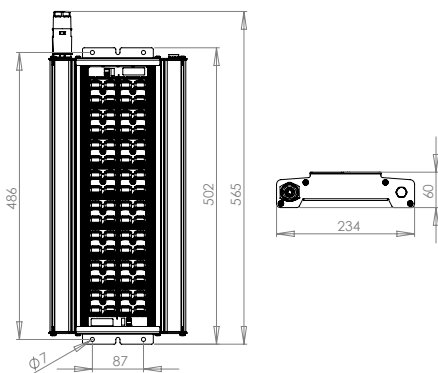
Easy LED DODO® product series is designed to withstand the demanding and diverse conditions of industrial facilities. It fills in the appropriate environmental and lighting standards. Wide range of optics, several power versions and three frame sizes guarantee DODO's versatility. In addition to industrial lighting, DODO is perfect for sport lighting as well. Ask more and find the best lighting solution for your needs.

TECHNICAL INFORMATION

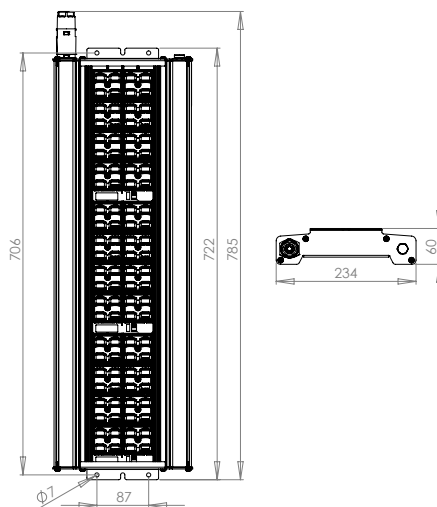
Housing:	Anodized recycled aluminium Tempered glass (DODO450/500 also available with polycarbonate)
Optics:	A wide range of optics available; (Wide, Medium, Narrow, Oval, SP-A, SP-UP-F, Clear) Special optics for special requirements.
Flicker Free:	HDFF - Flicker Free dimming. Dimming down to 2 %
Protection rating:	IP66, Ball safety approved (DIN 18032-3)
Temperature range:	Designed for operating temperatures of up to -40...50 °C (95 % RH)
Automatic thermal protection:	Inbuilt protection with output current dimming and advanced hysteresis
LED unit lumen maintenance L90, C10:	100 000 h
Remaining luminous flux after 100 000 h:	0.90
Control:	DALI-2 or alternatively DALI D4i
Connection:	1x IPD 5PE2,5 + preinstalled cable Optio preinstalled cable with schuko plug Optio 2x IPD 5PE2,5 connectors for serial 1L installation
Input voltage:	230 VAC (operation voltage range 120...277 VAC)
Input frequency:	50/60 Hz
Power Factor (PF) typical:	> 0,95
Surge protection:	4 kV L-GND / N-GND, 4 kV L-N
Luminaire protection class:	CL I
Installation direction:	No direction limitations. Not to be installed inside insulation to enable cooling.
Delivery:	Fully assembled
Luminaire luminous efficacy:	Up to 160 lm/W
CRI:	4 000K/CRI >80 3 000K & 5 700K available



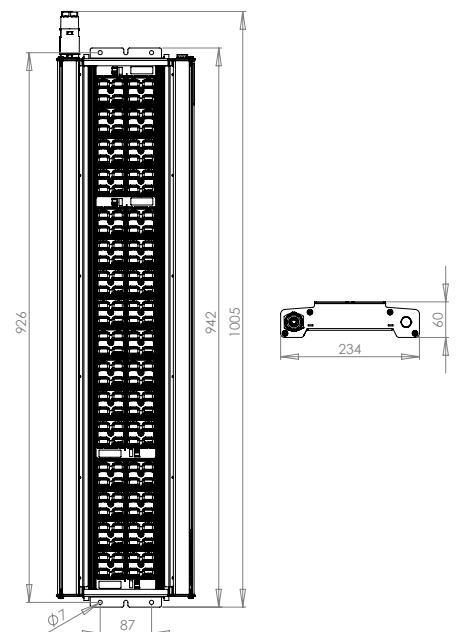
DODO® 450 & 500



DODO® 650 & 700



DODO® 900



PRODUCT RANGE



	DODO® 450	DODO® 500	DODO® 650	DODO® 700	DODO® 900
LEDs	32	64	64	90	128
Weight	4,4 kg	4,6 kg	6,5 kg	6,7 kg	8,8 kg
Dimensions (L x W x H)	502 x 234 x 60 mm	502 x 234 x 60 mm	722 x 234 x 60 mm	722 x 234 x 60 mm	942 x 234 x 60 mm
Dali addresses	1	1	1	1	2
Temperature range (95% RH)	75: -40°C ...+50°C	99: -40°C ...+50°C	120: -40°C ...+50°C	120: -40°C ...+50°C	180: -40°C ...+50°C
	90: -40°C ...+45°C	120: -40°C ...+45°C	170: -40°C ...+40°C	180: -40°C ...+40°C	260: -40°C ...+40°C
	102: -40°C ...+40°C	150: -40°C ...+40°C	190: -40°C ...+35°C	210: -40°C ...+35°C	300: -40°C ...+35°C
Maintenance free operating life	100kh	100kh	90kh	95kh	100kh

Version	75	90	100	100	120	150	120	170	190	125	180	210	180	260	300
System power	75 W	90 W	102 W	99 W	120 W	150 W	120 W	170 W	192 W	127 W	182 W	210 W	180 W	260 W	300 W
Current	0,34 A	0,41 A	0,46 A	0,45 A	0,53 A	0,66 A	0,6 A	0,8 A	0,9 A	0,6 A	0,8 A	1,0 A	0,8 A	1,2 A	1,4 A
Luminous Flux*	11 400	13 200	14 100	16 100	18 800	22 400	19 000	25 200	27 400	20 800	28 000	31 600	29 600	39 800	44 500

LUMINAIRE DIMMING RANGE

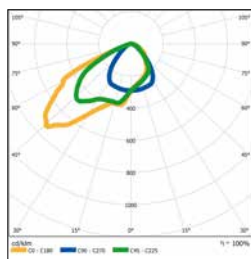
HDFP minimum level	80%	70%	65%	70%	60%	50%	60%	50%	45%	30%	25%	20%	55%	45%	40%
Light minimum level	2%	2%	1%	2%	2%	2%	2%	2%	2%	3%	2%	2%	2%	2%	2%
Power minimum level	2 W			3 W			5 W			6 W			6 W		

*Values shown are nominal values and are subject to +/- 10 % tolerance.

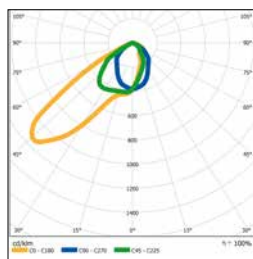
*Luminous flux for 840 (MacAdam 3), dependent on choice of optical solution. For latest values, ask for light distribution files.

LIGHT DISTRIBUTION

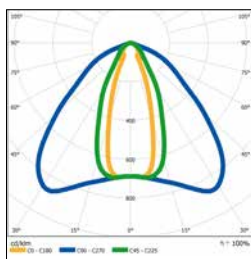
SP UP F



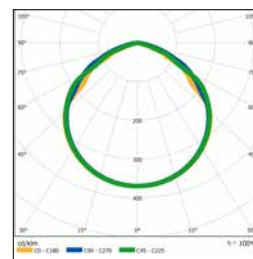
SP A



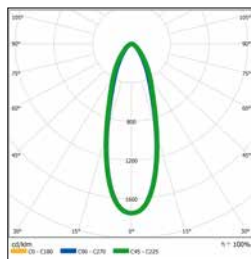
OVAL



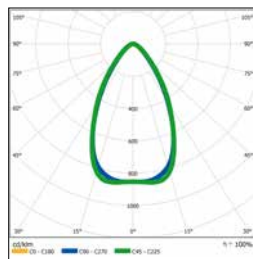
CLEAR



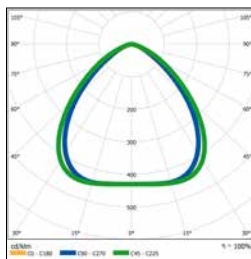
NARROW



MEDIUM



WIDE



DODO®

- a wide range of optics available
- versatile power and size options
- for both indoor and outdoor use
- practical design
- anodized housing made of recycled aluminium
- energy-efficient



EASY
LED

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