

# 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.

EASY  
LED

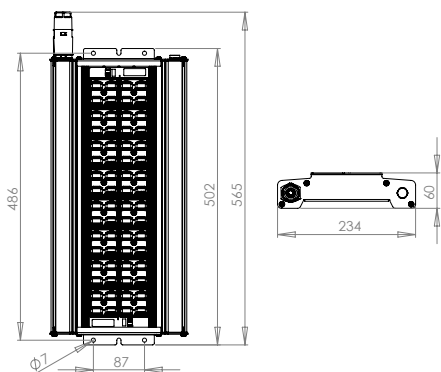
MISS  
NOTHING.

# TECHNICAL INFORMATION

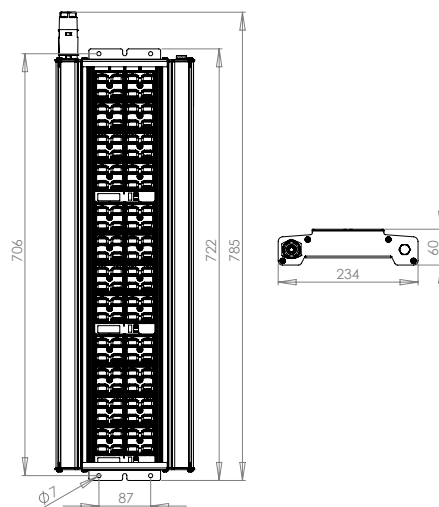
<b>Housing:</b>	Anodized aluminium. Tempered glass (DODO450/500 also available with polycarbonate)
<b>Optics:</b>	A wide range of optics available; Wide, Medium, Narrow, Oval, SP-A, SP-UP-F. Special optics for special requirements.
<b>Flicker Free:</b>	Dimming 1 - 100%
<b>Protection rating:</b>	IP66
<b>Temperature range:</b>	Designed for operating temperatures of up to -40...50 °C (95 % RH)
<b>Automatic thermal protection:</b>	Inbuilt protection with output current dimming and advanced hysteresis
<b>LED unit lumen maintenance L90B10, C10:</b>	80 000 h
<b>Remaining luminous flux after 80 000 h:</b>	0.90
<b>Control:</b>	DALI-2 or alternatively DALI D4i
<b>Connection:</b>	1x IPD 5PE2,5 + preinstalled cable Optio preinstalled cable with schuko plug Optio 2x IPD 5PE2,5 connectors for serial 1L installation
<b>Input voltage:</b>	230 VAC (operation voltage range 120...277 VAC)
<b>Input frequency:</b>	50/60 Hz
<b>Power Factor (PF) typical:</b>	> 0,95
<b>Surge protection:</b>	4 kV L-GND / N-GND, 4 kV L-N
<b>Luminaire protection class:</b>	CL I
<b>Installation direction:</b>	No direction limitations. Not to be installed inside insulation to enable cooling.
<b>Delivery:</b>	Fully assembled
<b>Luminaire luminous efficacy:</b>	Up to 160 lm/W
<b>CRI:</b>	4 000K/CRI >80 3 000K & 5 700K available



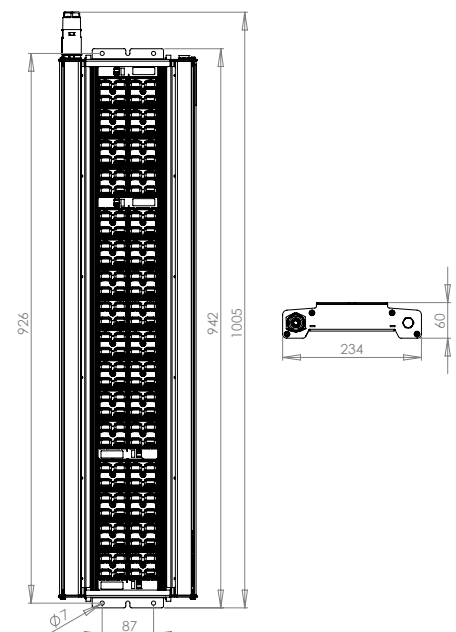
DODO® 450 & 500



DODO® 650 & 700



DODO® 900



# PRODUCT RANGE



	DODO® 450	DODO® 500	DODO® 650	DODO® 700	DODO® 900
<b>LEDs</b>	32	64	64	90	128
<b>Weight</b>	4,4 kg	4,6 kg	6,5 kg	6,7 kg	8,8 kg
<b>Dimensions (L x W x H)</b>	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
<b>Dali addresses</b>	1	1	1	1	2
<b>Temperature range (90 % RH)</b>	<b>75:</b> -40°C ...+50°C	<b>99:</b> -40°C ...+50°C	<b>120:</b> -40°C ...+50°C	<b>120:</b> -40°C ...+50°C	<b>180:</b> -40°C ...+50°C
	<b>90:</b> -40°C ...+45°C	<b>120:</b> -40°C ...+45°C	<b>170:</b> -40°C ...+40°C	<b>180:</b> -40°C ...+40°C	<b>260:</b> -40°C ...+40°C
	<b>102:</b> -40°C ...+40°C	<b>150:</b> -40°C ...+40°C	<b>190:</b> -40°C ...+35°C	<b>210:</b> -40°C ...+35°C	<b>300:</b> -40°C ...+35°C
<b>Maintenance free operating life</b>	100kh	100kh	90kh	80kh	100kh

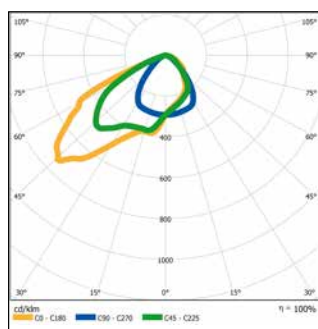
Version	75	90	102	99	120	150	120	170	190	135	180	210	180	260	300
<b>System power</b>	78 W	93 W	104 W	101 W	121 W	150 W	123 W	174 W	191 W	138 W	182 W	212 W	184 W	261 W	301 W
<b>Current</b>	0,3 A	0,42 A	0,47 A	0,45 A	0,53 A	0,66 A	0,54 A	0,77 A	0,88 A	0,6 A	0,8 A	0,95 A	0,83 A	1,17 A	1,33 A
<b>Luminous Flux*</b>	11 400	13 200	14 000	16 100	18 800	22 400	20 000	25 200	27 400	20 850	28 150	31 750	29 600	39 800	44 500

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

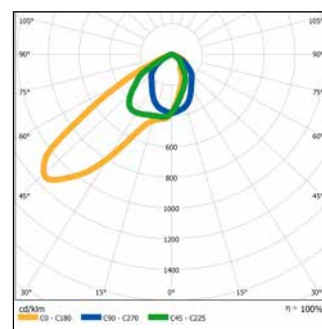
\*Luminous flux for 840 (MacAdam 3), dependent on choice of optical solution. For latest values, ask for light distribution files.

# LIGHT DISTRIBUTION

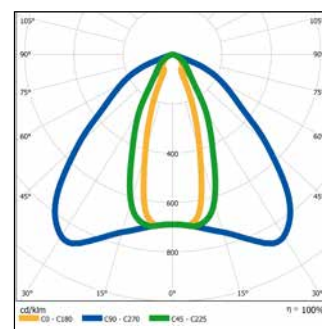
SP UP F



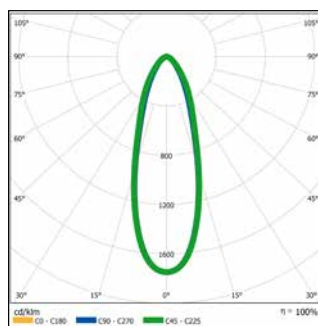
SP A



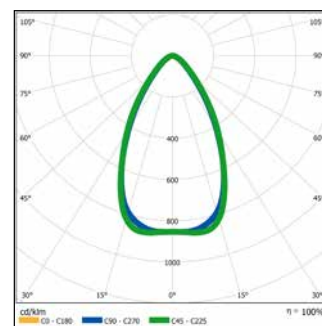
OVAL



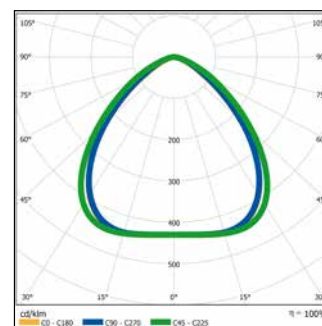
NARROW



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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