

PAD ECO 3-ZB18 - 450S CRI80

TECHNICAL DATASHEET

Compliance with :

EN60598-1, EN60598-2-3, EN61547, EN62031, EN55015, EN61000-3-2, EN61000-3-3, EN61347-2-13, EN62471



Protections and certifications

Protection degree (EN 60529)	IP65
IK code (EN 62262)	IK08
Insulation class	I

Power supply

Voltage	220-230V~ 50/60Hz
Power factor	>0,95
THD	<15%
Driver efficiency (full load)	>92,5%
Surge protection	4kV

Wire, weight, mounting

Connection	H05RN-F
Optional connection	IP68 connector
Length out of the lamp [mm]	0,3m
Weight [Kg]	3
Fixing	Suspended or surface mounted (Option)

Thermal features

Working temperature [°C]	-25 ÷ +50
Humidity range [%]	10 ÷ 90

Mechanical features

Body material	Die cast aluminum
Body Color	Black
Glass type	PC
Glass Thickness [mm]	Optic

Optical features

LED manufacturer	Custom
Driver manufacturer	MOSO (power selectable)
Beam angles	Symmetric
Color Rendering Index (CRI)	>80
Total failure rate	F10 @ 70000h , <0,02% @ 1000h
Led lifetime [hrs] @Tc	L90B10 >60'000

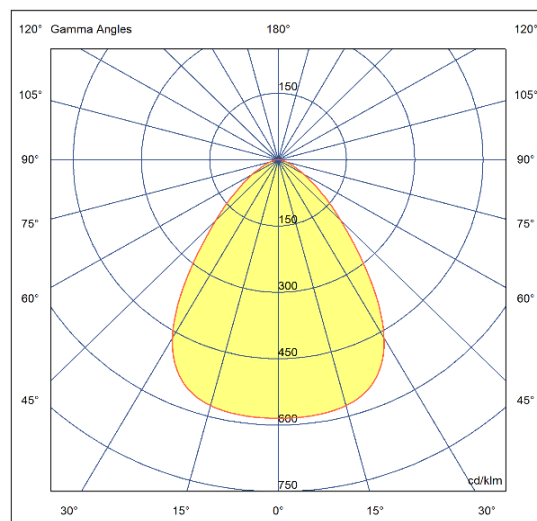
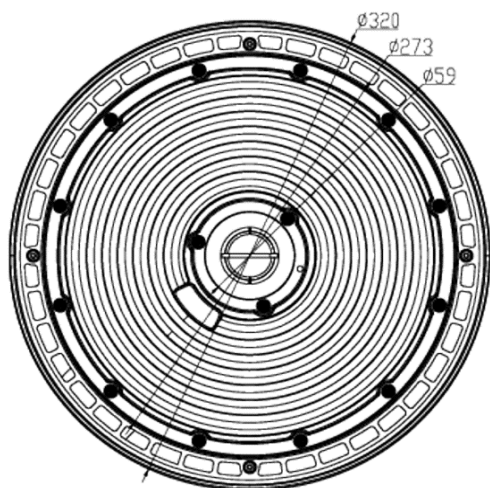
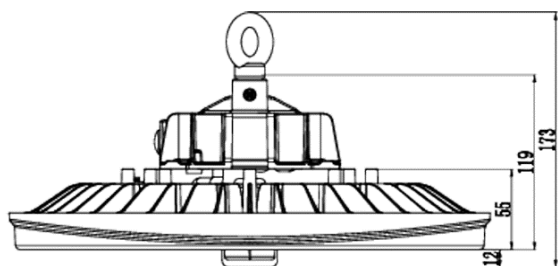
Dimming

Integrated dimming	-
DALI	Excluded
1-10V	Included
Lineswitch/StepDim	Excluded
Wireless	Excluded
Zhaga Book 18	Included

Optical features

Configuration (LED number - Type - Current)	Total lamp flux [lm]*	lm/w tot.	Current [A]	Total power consumption [W]	Optical power [W]	Led Module Temperature T _p (T _a =25°C) [°C]	Driver Temperatur T _c (T _a =25°C) [°C]	Flux maintenance @T _p @L90B10
PAD ECO 3 120N	21114	176	0,52 ±5%	120 ±5%	110 ±5%	50 ±5%	35 ±5%	60'000
PAD ECO 3 150N	25693	171	0,64 ±5%	150 ±5%	138 ±5%	52 ±5%	38 ±5%	60'000
PAD ECO 3 195N	34089	175	0,84 ±5%	195 ±5%	179 ±5%	53 ±5%	39 ±5%	60'000

Note: The luminous flux is related to the T_p temperature of the LED module ($T_a = 25^\circ \text{C}$)



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Rev.10

Detas S.p.A. - DLEDS Division

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