



AD ZONE M500

PRODUCT DATASHEET

Energy efficient floodlight for outdoor areas and high premises. Overheat protection as standard. A wide range of customization options.



TECHNICAL DATA

Overall information

Nominal power	440 W
Luminous flux	54 000 lm
Luminous efficacy	123 lm/W
Color temperature	5000 K (optional 2200 K, 2700 K, 4000 K)
CRI	> 70 (optional > 80)
Operating voltage	198...264 Vac
Mains frequency	50...60 Hz
Power factor λ	> 0.97
Operating temperature (Ta)	-40°C - +35°C (overheat protected after Ta >+35°C)
IP Rating	IP65
Protection class IK (shock resistance)	IK08
Surge Protection	L-N 4kV, L-GND/N-GND 6kV
Frame material	Aluminium
Frame color	Black
Lighting control	ON/OFF, DALI (DALI-2)
Operating hours	> 50 000 hours
Guarantee	5 years
Country of origin	Finland

Dimensions, weight & connection

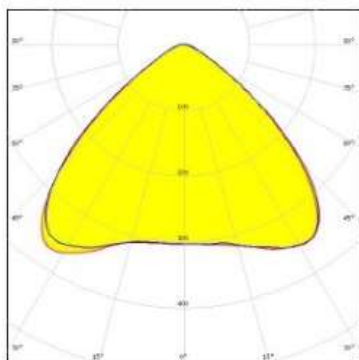
Lenght	510 mm
Width	380 mm
Height	160 mm
Weigth	15 kg
Type of connection	H07RN-F Cable, 3-pole / H07RN-F Cable, 5-pole (DALI)
Connection	Pre-installed 5 m cable (Phoenix IPD -connector optional, Pre-installed cable lenght customizable)

Mount

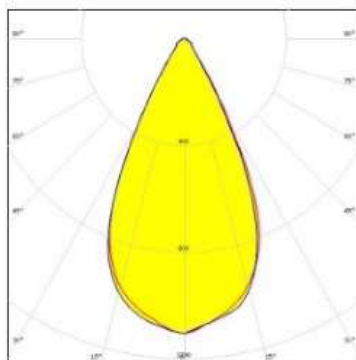
Mounting type	Surface
Mounting location	Mast, beam, wall, crane
Mount	1 pcs M20 bolt A4-80, 2 pcs bolt M10 A4-80

Light distribution patterns

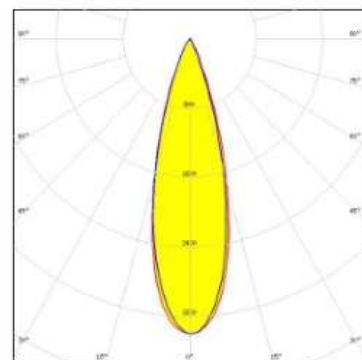
~100°
Efficiency: ~94 %



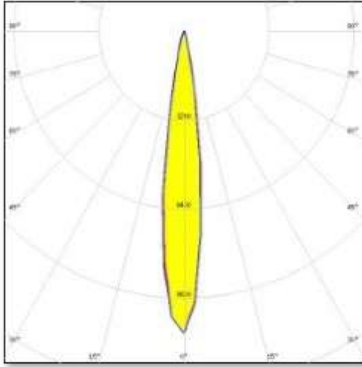
~50°
Efficiency: ~96 %



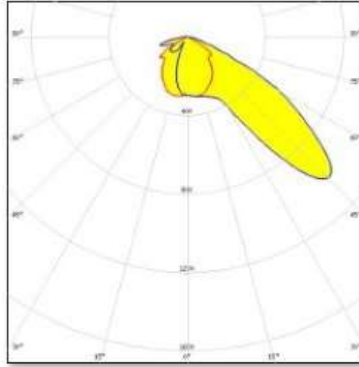
~25°
Efficiency: ~93 %



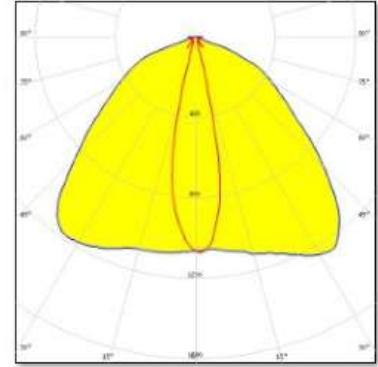
~15°
Efficiency: ~90 %



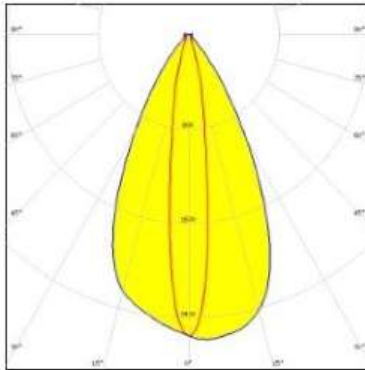
Narrow forward throw
Efficiency: ~91 %



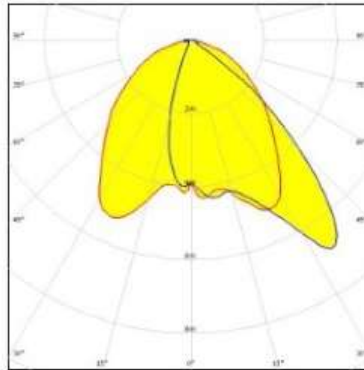
~20° + 115° oval beam
for aisle lighting
Efficiency: ~94 %



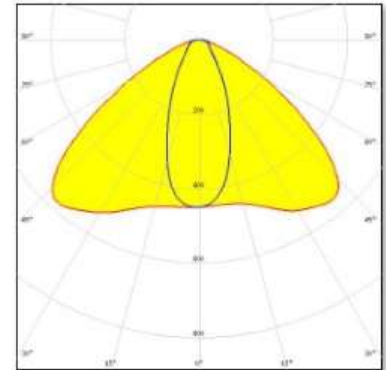
~15 + 50° oval beam
Efficiency: ~90 %



Beam for shorter
illumination distances
Efficiency: ~96 %



A wide oval beam
pattern for area lighting
Efficiency: ~93 %



Beam for wide areas
Efficiency: ~94 %

