

FDV

Arena 5G Standard 650W

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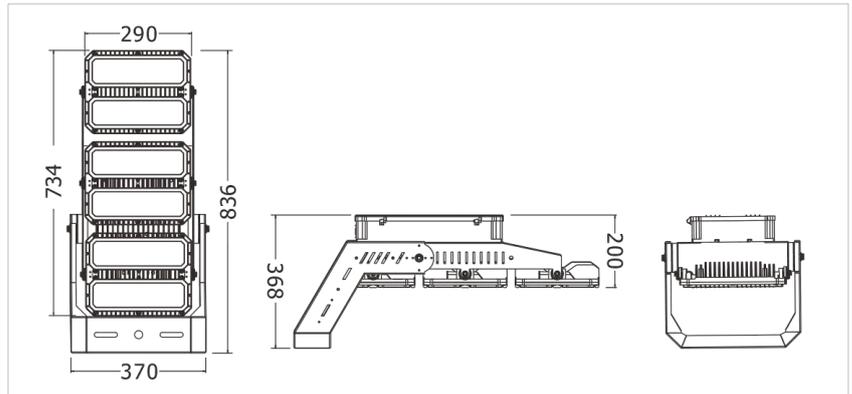
LUMILEDS



MW



AkzoNobel



Lysteknikk

Type lyskilde	LED					
Spenning	100-240VAC 50/60Hz					
Fargetemperatur	4000K					
Fargegjengivelse (CRI)	Ra>80					
Levetid (IEC 62717 Ta25)(LED)	100 000h L80B50					
Levetid (IEC 62717 Ta25)(driver)	50 000h 1%					
MacAdams faktor	<3					
Driftstemperatur	-20°C <ta< 50°C					
Lysspredning	110°	15°	25°/60°/90°	130x25°/130x40°/ 130x60°	80x30°	100x60°
Lumileds SMD type	SMD 3030	SMD 5050	SMD 5050	SMD 5050	SMD 3535	SMD 5050
Watt	624-658W	567-617W	612-663W	612-663W	612-663W	612-663W
Systemeffekt (W)	670-707W	609-663W	658-713W	658-713W	658-713W	658-713W
Effektiv lysstrøm (lm)	98500-105300 lm	82700-86300 lm	95400-103400 lm	88800-99800 lm	89800-97500 lm	94300-100800 lm
Effekt	147lm/W	136lm/W	145lm/W	135lm/W	136lm/W	143lm/W
Optikk	Glass	PC	PC	PC	PC	PC

LED Driver

Type	Velg mellom LED drivere (DALI eller 0-10V)
Driftsstrøm	1050mA Konstantstrøm

FDV

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Antall av product til Circuit Breaker

Type	B10	B16	C10	C16	D10	D16
antall	0	0	1	2	1	2

Beskyttelse

Isolasjonsklasse	Klasse I
IP-grad (armaturhus)	IP66
IP-grad (driver)	IP65
IK-grad	IK10

Energi og godkjenning

Inneholder lyskilde med Energiklasse	D
Godkjenning	CE, RoHS
Safety standard	IEC 60598-2-5:2015, IEC 60598-1:2014+A1:2017, IEC 62031:2008+A1:2012+A2:2014, EN60598-2-5:2015, EN60598-1:2015+A1:2018, EN 62031:2008+A1:2013+A2:2015, EN 62493:2015, AS/NZS 60598.2.5:2002, AS/NZS 60598.1:2017
EMC standard	EN 61000-3-3:2013+A1:2019, EN 61547:2009, EN IEC 55015:2019+A11:2020, EN 61000-3-2:2019

Materialer og overflater

Armaturhus	Aluminium die-cast
Farge	Sort (AkzoNobel)
Optikk	Glass eller Polycarbonate

Montering/Tilkobling

Montering	Utenpåliggende, Utendørs
Kabel	1m H07RN-F 3X1,5mm ²

Dimensjoner (mm)

Bredde (W)	290 mm
Høyde (H)	836 mm
Depth (D)	368 mm
Vekt	20,50 kgs

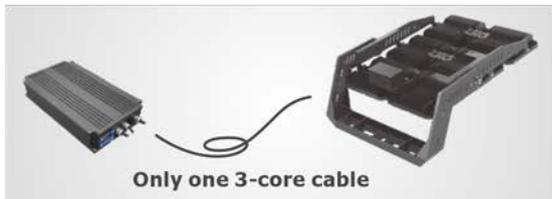


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Forpakning

Dimensjon	790x495x340 mm
Vekt	21,50 kgs

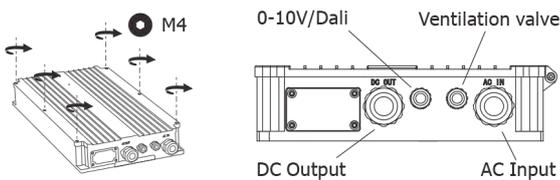
Driver løsning



(1) Connection of luminaire

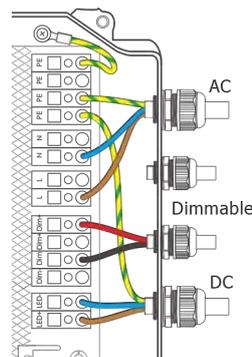


Cable gland of control gear



Connection	Cable Gland	Toque (N*m)	Cable Diameter (mm)	Cable Section (mm ²)
AC Input	M20	5.5	10-12	1.5 (2.5 optional)
DC Output	M20	5.5	10-12	1.5 (2.5 optional)
Dimmable	M16	2.5	7-10	1.0-1.5

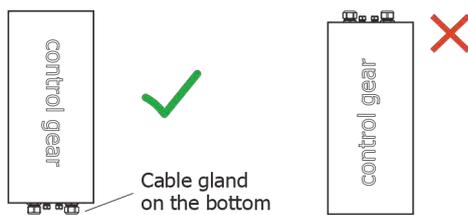
(2) control gear (0-10V/Dali)



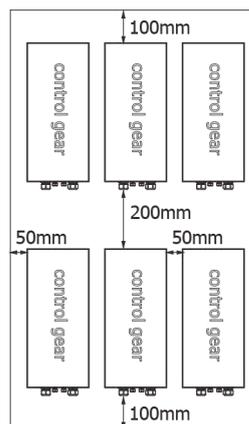
Note: According to the actual needs, the number of connectors will increase or decrease.

Different dimming function cannot be used at the same time.

Installation of control gear (driver box)



Cable gland on the bottom



The minimum distances between control gear or wall

Effective projected area (EPA=SCx)

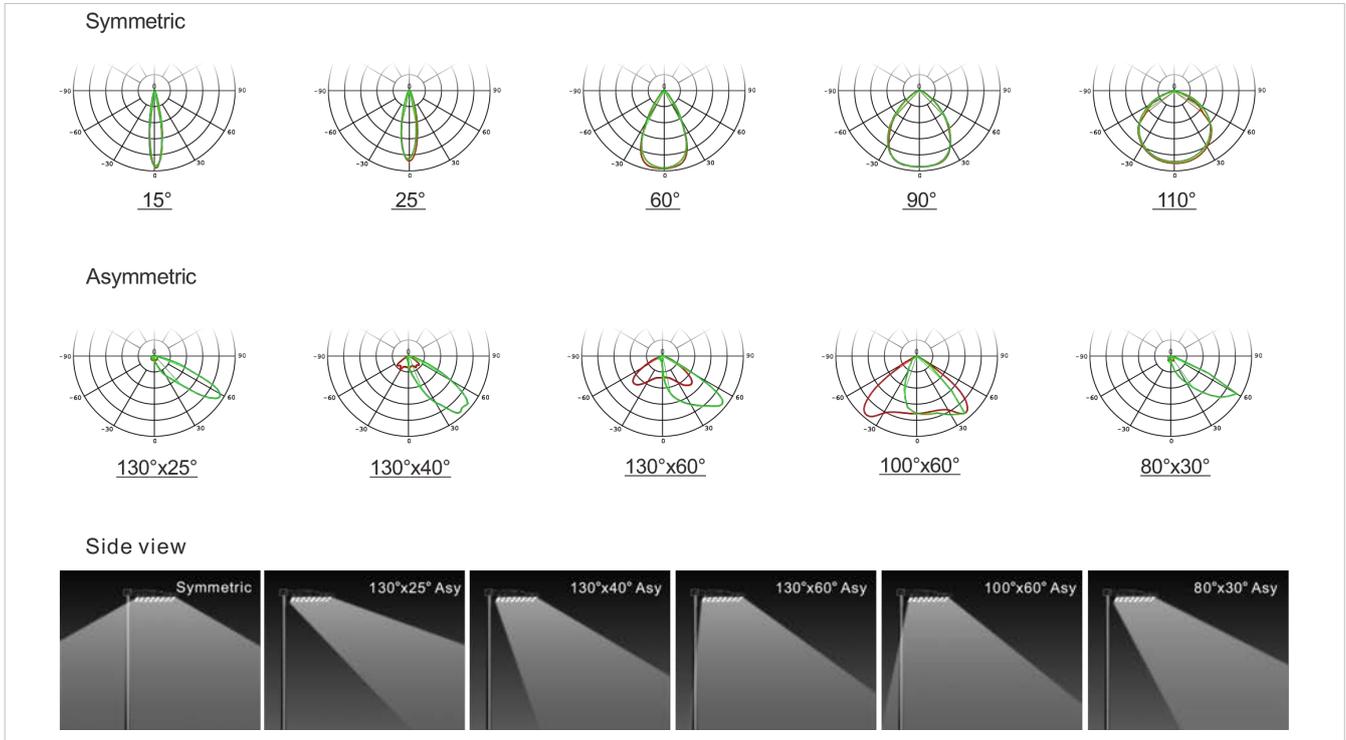
Model	Tilt angle	0°	10°	20°	30°	45°	60°
650W		0.059 m ²	0.100 m ²	0.085 m ²	0.102 m ²	0.110 m ²	0.143 m ²



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Luminous intensity distribution diagram



Installation

230W bracket **450W / 650W bracket** **900W~1350W bracket**

Selection of mounting holes

- 1 x Screw
- 2 x Screw
- 2 x Screw

✔ Position allowed
This Modular floodlight can be installed on pole, wall, ceiling or on a horizontal surface.

✘ Position not allowed
Note: Considering the heat dissipation, load bearing and dust accumulation, some installation methods are not allowed.