



PowerFlex (Pro)

Floodlights, LED lighting

5 YEARS
WARRANTY

The MS LUX lighting solutions are the perfect choice.



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PowerFlex (Pro)



Light Data

Luminous flux	27000 - 9000 lm
Correlated color temperature	5000 K (3000/4000 K options)
Luminous efficacy	150 lm/W
Colour rendering index (CRI)	> 70
Protective cover	PC lens
Life Time of LED @Ta=25°C	43,000 h-L90 89,000 h-L80 142,000 h-L70
SDCM (McAdam)	< 5
ULOR	0% (full cutoff)
UV radiation	0%
Warm-up time	< 0,5 s
Lens type	Asymmetric ,symmetric

Electrical Data

Input voltage	120-240 V AC
Frequency	50-60 Hz
Power factor	> 0,95
Electrical protection class	Class I
Ambient temperature	- 30 °C + 50 °C
Overvoltage protection (kV) options	20 kV

Other Data

Power (W)	Luminous flux* (lm)	Luminous efficacy* (lm/W)	CCT	CRI
180	27000	150	5000	>70
240	36000	150	5000	>70
300	45000	150	5000	>70
(Pro) 450	67500	150	5000	>70

Controls and dimming

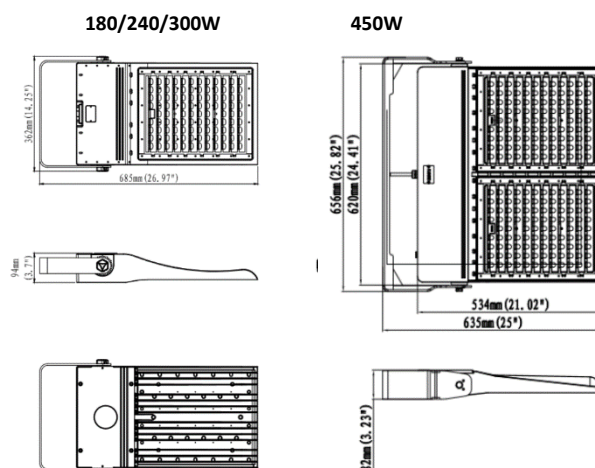
Autonomous control	DALI
Dimming	DALI-2.0
Control range	0-100 %
Dim-to-off	Yes
CLO system (option)	Yes

Mechanical Data

Housing material	Die-cast aluminium
Corrosion protection	Powder coating
Cooling system	Passive
Mech. Impact protection code	IK10
Ingress protection code	IP66
Lens material	PC
Color (RAL)	Black (RAL 9017)
Gasket	Silicone
Max.surface exposed to wind	180-300 W-0,22 m² 450-600 W-0,33 m²

Dimensions

180W (mm)	240W (mm)	300W (mm)	450W (mm)
685x362x94	685x362x94	685x362x94	656x635x82



Typical light distribuiton

