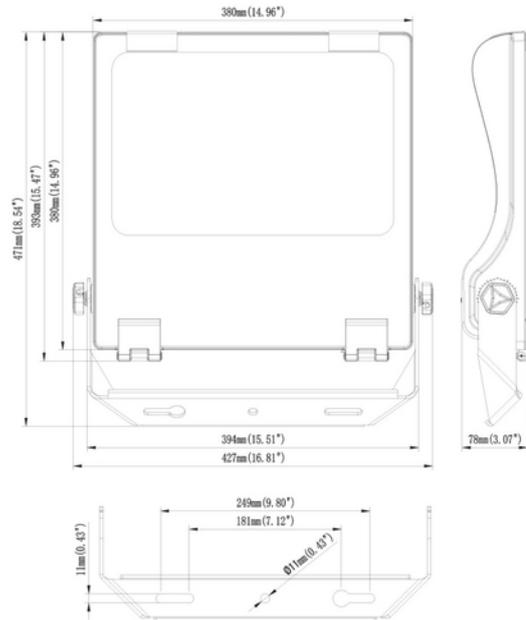


**PRODUCT DATA SHEET**

Iota G2 46000lm 740 Asymmetric 300/225/150/90W BK IP66

Art.no: 102679-02-2

*Lighting Solutions*

Iota G2 46000lm 740 Asymmetric 300/225/150/90W BK IP66



Iota G2 is a highly cost-effective floodlight that comes with a power switch in various sizes, equipped with front clips for easy access to the dip switch. It is equipped with asymmetric optics that make it ideal for a variety of applications. For post mounting, a mounting bracket can be purchased separately. With a solid IP rating of IP66, it is perfect for outdoor use in various environments.

ELECTRICAL DATA	
Protection Class (system)	1
Dimming (system)	None
Voltage (system) [V]	230V 50Hz

TECHNICAL DATA	
IK (system)	IK08
IP (system)	IP66
Outdoor	Yes
Operating temperature (°C)	-30 - 50

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TECHNICAL DATA	
Wind force (EPA) (m ²) at 0°	0.144

PHOTOMETRIC DATA	
Efficacy (system) (lm/W)	147
CRI / Ra (>=)	70
CCT (Color Temperature) (K)	4000
Color Code	740
Lightsource Type	LED (built in)
Socket / Cap-Base	N/A
Lens (Diffuser)	Lens
Lifetime (h)	L80B10: 100 000
MacAdam (SDCM)	5
Manufacturer (light source)	MTC OPTOELECTRONICS
Forward Current LED (min-max) (mA)	20 - 150
Forward Voltage LED (max tp=25) (V)	6.2
Driftspenning LED (min tp=65) (V)	5.6

DRIVER	
Manufacturer (driver)	Up-Shine
Protection Class (driver)	1
Standby power Psb (W) <	0.5
Flicker metric (Pst LM) <	0.014
Stroboscopic effect metric (SVM) <	0.023
Max Output Voltage (V)	54
Dimming (driver)	1-10V
Dimming Minimum Level (%)	10.0
Dimming output type	Amplitude Modulation
IP (driver)	IP67
Expected Lifetime (driver) (h)	90000
Flicker-free	Yes
Constant current or voltage (CC or CV)	CC
CC (driver) [mA]	4100 - 7600
Current setting (driver)	None
CC (forward voltage driver) (V)	32.0 - 54.0
Surge Protection	L-N = 6KV

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DRIVER	
CV (driver) [V]	47
Output Current Tolerance (%)	5.0
Current Ripple (%)	5.0
Max load pr circuit - B10	2
Max load pr circuit - B16	3
Max load pr circuit - C10	3
Max load pr circuit - C16	5
Max load pr circuit - C20	6
Leakage current (mA)	0.75
Inrush current time (μ s)	700.0
Inrush current I _{max} (A)	58.0

DIMENSIONS	
Length (product) (mm)	471.0
Width (product) (mm)	78.0
Height (product) (mm)	427.0
Weight (product) (kg)	8.1

MATERIALS AND SURFACES	
Color	Black
RAL Code	RAL9017
Corrosion Class	C3

INSTALLATION AND CONNECTION	
Areas of use	Outdoor, Sports areas
Mounting	Wall
Connection (system)	Cable 1.5m

ENERGY AND CERTIFICATIONS	
Energy Class EPREL	D
CE mark	Yes