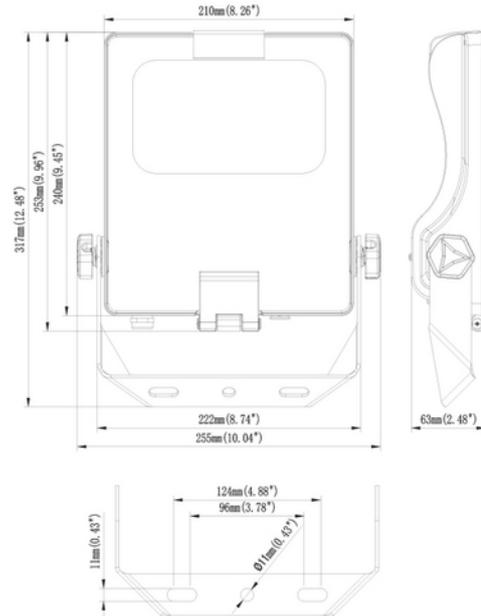


**PRODUCT DATA SHEET**

lota G2 7700lm 740 Asymmetric 50/37,5/25/15W BK IP66

Art.no: 102671-02-2

*Lighting Solutions*

lota G2 7700lm 740 Asymmetric 50/37,5/25/15W BK IP66



lota 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

**PRODUCT DATA SHEET**

Iota G2 7700lm 740 Asymmetric 50/37,5/25/15W BK IP66

Art.no: 102671-02-2

*Lighting Solutions*

TECHNICAL DATA	
Wind force (EPA) (m ²) at 0°	0.05

PHOTOMETRIC DATA	
Efficacy (system) (lm/W)	135
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)	Done
Protection Class (driver)	1
Standby power P _{sb} (W) <	0.5
Flicker metric (P _{st} LM) <	0.075
Stroboscopic effect metric (SVM) <	1.78
Max Output Voltage (V)	58
Dimming (driver)	0-10V
Dimming Minimum Level (%)	7.0
Dimming output type	Amplitude Modulation
IP (driver)	IP67
Expected Lifetime (driver) (h)	50000
Flicker-free	No
Constant current or voltage (CC or CV)	CC
CC (driver) [mA]	500 - 1200
Current setting (driver)	None
CC (forward voltage driver) (V)	32.0 - 58.0
Surge Protection	L-N = 6KV, L-N = 4KV

**PRODUCT DATA SHEET**

Iota G2 7700lm 740 Asymmetric 50/37,5/25/15W BK IP66

Art.no: 102671-02-2

*Lighting Solutions*

DRIVER	
CV (driver) [V]	46
Output Current Tolerance (%)	5.0
Current Ripple (%)	5.0
Max load pr circuit - B10	11
Max load pr circuit - B16	18
Max load pr circuit - C10	18
Max load pr circuit - C16	30
Max load pr circuit - C20	37
Leakage current (mA)	0.7
Inrush current time (μ s)	170.0
Inrush current I _{max} (A)	31.0

DIMENSIONS	
Length (product) (mm)	317.0
Width (product) (mm)	63.0
Height (product) (mm)	255.0
Weight (product) (kg)	2.5

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