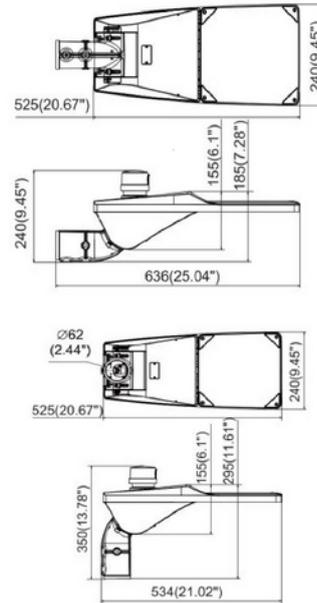


**PRODUCT DATA SHEET**

Joule 8500lm 740 50W P3 Assymmetric IP66 GR Dali2 5m=C Ø60

Art.no: 102011-03-1-ddd

*Lighting Solutions*

# Joule 8500lm 740 50W P3 Assymmetric IP66 GR Dali2 5m=C Ø60



ELECTRICAL DATA	
Protection Class (system)	1
Dimming (system)	DALI2
Voltage (system) [V]	230V 50Hz

TECHNICAL DATA	
IK (system)	IK09
IP (system)	IP66
Outdoor	Yes
Operating temperature (°C)	-30 - 50
Wind force (EPA) (m <sup>2</sup> ) at 0°	0.149

**PRODUCT DATA SHEET**

Joule 8500lm 740 50W P3 Assymetric IP66 GR Dali2 5m=C Ø60

Art.no: 102011-03-1-ddd

*Lighting Solutions*

PHOTOMETRIC DATA	
Efficacy (system) (lm/W)	160
CRI / Ra (>=)	70
CCT (Color Temperature) (K)	4000
Color Code	740
Lightsource Type	LED (replaceable)
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)	Sosen
Protection Class (driver)	1
Standby power P <sub>sb</sub> (W) <	0.5
Flicker metric (P <sub>st</sub> LM) <	0.25
Stroboscopic effect metric (SVM) <	0.014
Max Output Voltage (V)	56
Dimming (driver)	DALI2
Dimming Minimum Level (%)	8.0
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]	350 - 1560
Current setting (driver)	DALI-2
CC (forward voltage driver) (V)	22.0 - 56.0
CV (driver) [V]	44
Output Current Tolerance (%)	5.0
Current Ripple (%)	10.0
Max load pr circuit - B10	31

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Joule 8500lm 740 50W P3 Assymetric IP66 GR Dali2 5m=C Ø60

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DRIVER	
Max load pr circuit - B16	50
Max load pr circuit - C10	31
Max load pr circuit - C16	50
Max load pr circuit - C20	63
Max load pr circuit - C25	79
Max load pr circuit - C32	101
Leakage current (mA)	0.75
Inrush current time (µs)	39.0
Inrush current I <sub>max</sub> (A)	63.6

DIMENSIONS	
Length (product) (mm)	636.0
Width (product) (mm)	185.0
Height (product) (mm)	240.0
Weight (product) (kg)	5.9

MATERIALS AND SURFACES	
Color	Grey
RAL Code	RAL7022
Corrosion Class	C4
Surface treatment	Powdercoated
Housing Material	Aluminium
Housing Material %	68.0
Diffuser Material	Polycarbonate
Diffuser Material%	1.4000000000000001
Recycled Plastic %	100.0
Recycled Aluminium %	100.0
Material 2%	10.0
Material 3%	4.0
Material 4%	3.5000000000000004
Material 5%	9.2
Material 6%	3.3000000000000003
Material 7%	0.6



## PRODUCT DATA SHEET

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*Lighting Solutions*

INSTALLATION AND CONNECTION	
Areas of use	Outdoor, Parking, Street
Mounting	Wall, Mast
Connection (system)	Cable 5m

ENERGY AND CERTIFICATIONS	
Energy Class EPREL	B
CE mark	Yes

## LIGHT DISTRIBUTION

