

**PRODUCT DATA SHEET**Z Line 7600lm 830 42W Wide Beam 5x2,5mm² Steel 1420mm DALI

Art.no: 102081-2-01-1-ddd

*Lighting Solutions*

Z Line 7600lm 830 42W Wide Beam 5x2,5mm² Steel 1420mm DALI



Z Line is an LED fixture designed with a focus on energy savings and efficient installation. It utilizes the latest LED technology, providing up to 180 lm/W. The fixture features a 2,5mm² throughwiring and quick connections on both ends, making installation simple and fast without the need to open the fixture. The fixture is made of galvanized steel and is available in two lengths; 1420mm with 42W in 3000K and 4000K, 1700mm with 42W and 72W in 3000K and 4000K. All versions can be ordered with DALI2.

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

TECHNICAL DATA	
IK (system)	IK02
IP (system)	IP23

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TECHNICAL DATA	
Product Family	Z Line
Outdoor	No
Operating temperature (°C)	0 - 40
Through-wiring (mm ²)	5x2,5

PHOTOMETRIC DATA	
Efficacy (system) (lm/W)	173
CRI / Ra (>=)	80
CCT (Color Temperature) (K)	3000
Color Code	830
Lightsource Type	LED (built in)
Lifetime (h)	L80B10: 100 000
MacAdam (SDCM)	3

DRIVER	
Manufacturer (driver)	Osram
Protection Class (driver)	1
Standby power P _{sb} (W) <	0.25
Flicker metric (P _{st} LM) <	1.0
Stroboscopic effect metric (SVM) <	0.4
Max Output Voltage (V)	240
Dimming (driver)	DALI
Dimming Minimum Level (%)	1.0
Dimming output type	Amplitude Modulation
IP (driver)	IP20
Expected Lifetime (driver) (h)	100000
Flicker-free	Yes
Constant current or voltage (CC or CV)	CC
CC (driver) [mA]	120 - 550
CC (forward voltage driver) (V)	112.0 - null
Output Current Tolerance (%)	3.0
Current Ripple (%)	1.0
Max load pr circuit - B10	15
Max load pr circuit - B16	24
Max load pr circuit - C10	25

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DRIVER	
Max load pr circuit - C16	40
Max load pr circuit - C20	50
Max load pr circuit - C25	62
Max load pr circuit - C32	80
Leakage current (mA)	0.5
Inrush current time (µs)	300.0
Inrush current I _{max} (A)	25.0

DIMENSIONS	
Length (product) (mm)	1420.0
Width (product) (mm)	86.0
Height (product) (mm)	69.0
Weight (product) (kg)	3.35

MATERIALS AND SURFACES	
Color	Steel
Housing Material	Steel

INSTALLATION AND CONNECTION	
Areas of use	Generally, Industrial
Mounting	Surface, Ceiling
Connection (system)	QuickConnect

ENERGY AND CERTIFICATIONS	
CE mark	Yes