

LEDOLUX

POLAND

Intelligent LED street luminaire

PIKE J DOB

7 YEARS
WARRANTY

ELECTRICAL CHARACTERISTICS

Driver	Ledolux DOB
Power supply	85-265V~ 50/60Hz
Protection	Surge protection 10kV Thermal protection
Driver efficiency	98%
Power factor (cosφ)	≥0.98
Control options	1-10V, Rabbit, Smart City
Protection class	II (option I)

LUMINOUS CHARACTERISTICS

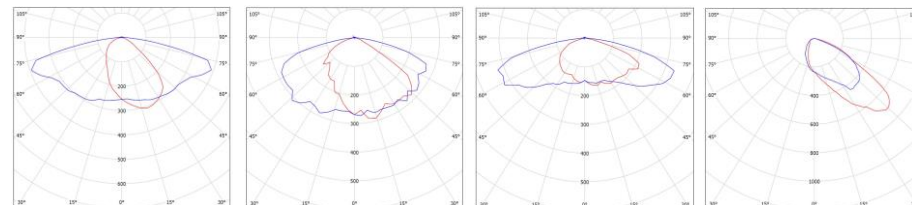
Light source	Lumileds LEDs
Efficacy	150lm/W
Beam angle	TYP2-M, TYP3-M, TYP4-S, PP
Colour temperature	4000K
CRI	>75

GENERAL CHARACTERISTICS

Type of housing	Die -cast aluminium
Type of diffuser	Tempered glass
Protection degree IP	IP66
Impact resistance degree IK	IK08
Operating temperature	-40°C ÷ +50°C
Lifetime (L80B10)	>120 000h
Installation	On pole or boom
Mounting height	4-16m
Application	Street lighting, bicycle paths, squares, exterior lighting, pedestrian crossings
Certificates	CE, RoHS, ZETOM

Power	Luminous flux	Rated current	Inrush current	Weight	Dimensions
35W	5 250lm	0.16A	~0.20A	3.0kg	L430xW215xH80mm
50W	7 500lm	0.24A	~0.30A	4.7kg	L520xW260xH90mm
70W	10 500lm	0.32A	~0.40A	4.7kg	L520xW260xH90mm
100W	15 000lm	0.45A	~0.55A	6.0kg	L600xW300xH100mm
150W	22 500lm	0.68A	~0.83A	6.0kg	L600xW300xH100mm

PHOTOMETRY



TYP2-M

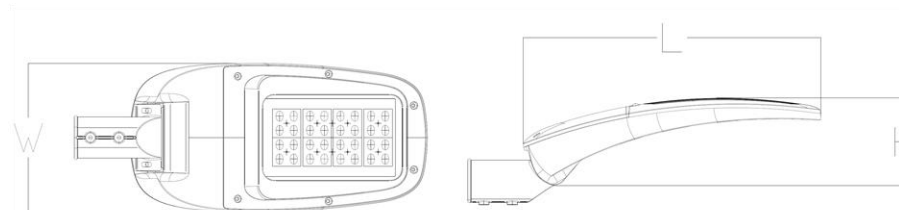
TYP3-M

TYP4-S

PP

Pedestrian crossings

TECHNICAL DRAWING



ACCESSORIES

1. Adjustable mounting bracket for pole or boom (standard accessories)

For mounting the luminaire on a boom or directly on a pole $\varnothing 45 \div 60$ mm,
tilt range $-15^\circ \div +15^\circ$.

PIKE J DOB DATASHEET - We reserve the right to make design changes to luminaires. The current parameters of the product and the General Warranty Conditions are available on the website www.ledolux.pl.

The parameters in the data sheet are given for $T_a = 25^\circ\text{C}$, lumen output tolerance $\pm 10\%$. The rated power of the luminaire (P) is equal to the input power (P_{in}), power tolerance $\pm 5\%$.
For the extended warranty period, a half-period warranty inspection is required, standard warranty periods and other conditions are described in the GWC. Creation date: 2022-08-17.

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