

# WELUX LED Floodlight

## Lithium B Series

Housing and Trim: Aluminium  
 Mounting type: Surface  
 Heat Management: Die-cast aluminium heat sink  
 Reflector: Aluminium  
 Beam angle: 40/90°  
 Diffuser: Clear PMMA  
 IP rating: 65

LED Modules  
 Osram/Philips  
 Long service life time: > 50,000 hours (L80)  
 THD <20%

Drivers: Vossloh-Schwabe / Meanwell  
 (optional: Dimmable available)  
 Power factor at full load : > 0.9

Standards  
 EN 620301: LED modules for general lighting - Safety specification  
 EN 62471: Photobiological safety of lamps and systems  
 EN 55015: Radio disturbance emissions  
 EN 61000-3-2 Limited for harmonic emissions  
 EN 61547: Immunity requirements

Warranty: 3 years

Application: Commercial Building, Facade Building, Factories, Tunnel, etc.



Model	Wattage	Voltage	Frequency	Power Factor	Colour	Colour Temperature	Luminous Flux (Lm)	Efficacy Lm/W	Typ. Beam Angle	Typ. CRI Ra	Energy Efficiency	Dimension (L x W x H) mm	Weight kg
EA-TL-50W-5B	50W	220-240	50/60Hz	0.95	Warm white	2700K	5000	100	40, 90	>80	A+	298 x 140 x 138	3.2
		220-240	50/60Hz	0.95	Warm white	3000K	5000	100	40, 90	>80	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	5000	100	40, 90	>80	A+		
		220-240	50/60Hz	0.95	Cool white	5000K	5000	100	40, 90	>80	A+		
		220-240	50/60Hz	0.95	Cool white	6500K	5000	100	40, 90	>80	A+		
EA-TL-100W-5B	100W	220-240	50/60Hz	0.95	Warm white	2700K	10000	100	40, 90	>80	A+	298 x 230 x 138	4.0
		220-240	50/60Hz	0.95	Warm white	3000K	10000	100	40, 90	>80	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	10000	100	40, 90	>80	A+		
		220-240	50/60Hz	0.95	Cool white	5000K	10000	100	40, 90	>80	A+		
		220-240	50/60Hz	0.95	Cool white	6500K	10000	100	40, 90	>80	A+		
EA-TL-150W-5B	150W	220-240	50/60Hz	0.95	Warm white	2700K	15000	100	40, 90	>80	A+	298 x 340 x 138	5.2
		220-240	50/60Hz	0.95	Warm white	3000K	15000	100	40, 90	>80	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	15000	100	40, 90	>80	A+		
		220-240	50/60Hz	0.95	Cool white	5000K	15000	100	40, 90	>80	A+		
		220-240	50/60Hz	0.95	Cool white	6500K	15000	100	40, 90	>80	A+		

\*Colour tolerance: 5 MacAdam    \*\*Production tolerance of luminous flux and efficiency: ±10%    \*\*\*Min. CRI ±3%    \*\*\*\*Power consumption: ±10%  
 The values contained in this data sheet can change due to technical innovations without notifications, therefore kindly refer to us when during order.