

WELUX LED Downlights

Osche Series

Housing and Trim: Die-cast aluminium
 Mounting type: Surface
 Heat Management: Die-cast aluminium heat sink
 Reflector: Aluminium
 Diffuser: Prismatic

LED Modules
 GERMAN Technology
 Comfort COB - Up to 1800lm
 Long service life time : 50,000 hours (L80/B10)
 Ambient temperature - 40°C to +40°C

Drivers: 150mA / 250mA / 300mA / 350mA
 (optional: Dimmable available)
 Power factor at full load : 0.97
 SELV , Low Ripple current < 1% ,THD <15%
 Energy efficiency : A+
 Warranty: 5 years



Powered by:



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

Application: Commercial Building, Lobby, Conventional Hall, Ballroom, Concourse

Model	Module Wattage	System Wattage	Voltage	Frequency	Power Factor	Colour	Colour Temperature	Module Luminous Flux (Lm)	Module Efficacy Lm/W	Typ. Beam Angle	Typ. CRI Ra	Dimension (Dia x H) mm
OXS-3-5W	4.2W	5.6W	220-240	50/60Hz	0.95	Warm white	2700K	615	148	12° 24° 36°	>82	110 x 120
			220-240	50/60Hz	0.95	Warm white	3000K	645	155	12° 24° 36°	>82	
			220-240	50/60Hz	0.95	Neutral white	4000K	665	160	12° 24° 36°	>82	
			220-240	50/60Hz	0.95	Cool white	5700K	670	161	12° 24° 36°	>82	
OXS-3-9W	8.4W	9.5W	220-240	50/60Hz	0.95	Warm white	2700K	1275	151	12° 24° 36°	>82	110 x 120
			220-240	50/60Hz	0.95	Warm white	3000K	1345	159	12° 24° 36°	>82	
			220-240	50/60Hz	0.95	Neutral white	4000K	1385	164	12° 24° 36°	>82	
			220-240	50/60Hz	0.95	Cool white	5700K	1395	165	12° 24° 36°	>82	
OXS-3-11W	10.3W	11.5W	220-240	50/60Hz	0.95	Warm white	2700K	1505	146	12° 24° 36°	>82	110 x 120
			220-240	50/60Hz	0.95	Warm white	3000K	1585	154	12° 24° 36°	>82	
			220-240	50/60Hz	0.95	Neutral white	4000K	1630	158	12° 24° 36°	>82	
			220-240	50/60Hz	0.95	Cool white	5700K	1645	160	12° 24° 36°	>82	
OXS-3-14W	12.2W	14.5W	220-240	50/60Hz	0.95	Warm white	2700K	1720	141	12° 24° 36°	>82	110 x 120
			220-240	50/60Hz	0.95	Warm white	3000K	1810	149	12° 24° 36°	>82	
			220-240	50/60Hz	0.95	Neutral white	4000K	1865	153	12° 24° 36°	>82	
			220-240	50/60Hz	0.95	Cool white	5700K	1885	155	12° 24° 36°	>82	

*Colour tolerance: 3 MacAdam **Production tolerance of luminous flux and efficiency: ±10% ***Min. CRI ±3% ****Power consumption: ±10%
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OXS-4-19W	17.3W	19.5W	220-240	50/60Hz	0.95	Warm white	2700K	2585	149	12° 24° 36°	>82	133 x 153
			220-240	50/60Hz	0.95	Warm white	3000K	2725	158	12° 24° 36°	>82	
			220-240	50/60Hz	0.95	Neutral white	4000K	2805	162	12° 24° 36°	>82	
			220-240	50/60Hz	0.95	Cool white	5000K	2860	165	12° 24° 36°	>82	
			220-240	50/60Hz	0.95	Cool white	5700K	2830	164	12° 24° 36°	>82	
OXS-4-24W	21.2W	24.0W	220-240	50/60Hz	0.95	Warm white	2700K	3030	143	12° 24° 36°	>82	133 x 153
			220-240	50/60Hz	0.95	Warm white	3000K	3185	151	12° 24° 36°	>82	
			220-240	50/60Hz	0.95	Neutral white	4000K	3280	155	12° 24° 36°	>82	
			220-240	50/60Hz	0.95	Cool white	5000K	3345	158	12° 24° 36°	>82	
			220-240	50/60Hz	0.95	Cool white	5700K	3315	157	12° 24° 36°	>82	
OXS-4-27W	25.2W	27.5W	220-240	50/60Hz	0.95	Warm white	2700K	3445	137	12° 24° 36°	>82	133 x 153
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			220-240	50/60Hz	0.95	Cool white	5000K	3805	151	12° 24° 36°	>82	
			220-240	50/60Hz	0.95	Cool white	5700K	3765	150	12° 24° 36°	>82	

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VS Comfort COB & Driver

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