

LED Downlights

Platin Series

Housing and Trim: Die-cast aluminium
 Mounting type: Recess
 Heat Management: Die-cast aluminium heat sink
 Reflector: Aluminium
 Diffuser: Clear glass or Frosted Glass

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%
 Warranty: 5 years



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

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

Model	Wattage	Voltage	Frequency	Power Factor	Colour	Colour Temperature	Module Luminous Flux (Lm)	Module Efficacy Lm/W	Typ. Beam Angle	Typ. CRI Ra	Energy Efficiency	Dimension (Dia x H) mm	Dimension (Cut out) mm
P4-3-4W P5-3-4W	4.2W	220-240	50/60Hz	0.95	Warm white	2700K	615	148	110	>82	A+	110 x 59 110 x 110 x 59	90 90 x 90
		220-240	50/60Hz	0.95	Warm white	3000K	645	155	110	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	665	160	110	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	670	161	110	>82	A+		
P4-3-7W P5-3-7W	7.3W	220-240	50/60Hz	0.95	Warm white	2700K	965	133	110	>82	A+	110 x 59 110 x 110 x 59	90 90 x 90
		220-240	50/60Hz	0.95	Warm white	3000K	1015	140	110	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	1045	144	110	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	1055	145	110	>82	A+		
P4-4-10W P5-4-10W	10.3W	220-240	50/60Hz	0.95	Warm white	2700K	1505	146	110	>82	A+	127 x 70 127 x 127 x 70	110 110 x 110
		220-240	50/60Hz	0.95	Warm white	3000K	1585	154	110	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	1630	158	110	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	1645	160	110	>82	A+		
P4-4-12W P5-4-12W	12.2W	220-240	50/60Hz	0.95	Warm white	2700K	1720	141	110	>82	A+	127 x 70 127 x 127 x 70	110 110 x 110
		220-240	50/60Hz	0.95	Warm white	3000K	1810	149	110	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	1865	153	110	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	1885	155	110	>82	A+		

*Colour tolerance: 3 MacAdam **Production tolerance of Luminous flux and efficiency: ±10% ***Min. CRI ±3% ****Power consumption: ±10%
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 GERMAN Technology
 Comfort COB - Up to 3800lm
 Long service life time : 50,000 hours (L80/B10)
 Ambient temperature - 40°C to +40°C

Drivers: 400mA / 500mA / 600mA / 700mA
 (optional: Dimmable available)
 Power factor at full load : 0.97
 SELV , Low Ripple current < 1% ,THD <15%
 Warranty: 5 years



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P4-4-14W P5-4-14W	14.1W	220-240	50/60Hz	0.95	Warm white	2700K	1930	137	110	>82	A+	127 x 70 127 x 127 x 70	110 110 x 110
		220-240	50/60Hz	0.95	Warm white	3000K	2030	144	110	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	2090	148	110	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	2110	149	110	>82	A+		
P4-4-17W P5-4-17W	17.3W	220-240	50/60Hz	0.95	Warm white	2700K	2585	149	110	>82	A+	127 x 70 127 x 127 x 70	110 110 x 110
		220-240	50/60Hz	0.95	Warm white	3000K	2725	158	110	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	2805	162	110	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5000K	2860	165	110	>82	A+		
P4-6-21W P5-6-21W	21.2W	220-240	50/60Hz	0.95	Warm white	2700K	3030	143	110	>82	A+	165 x 81 165 x 165 x 81	145 145 x 145
		220-240	50/60Hz	0.95	Warm white	3000K	3185	151	110	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	3280	155	110	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5000K	3345	158	110	>82	A+		
P4-6-25W P5-6-25W	25.1W	220-240	50/60Hz	0.95	Warm white	2700K	3445	137	110	>82	A+	165 x 81 165 x 165 x 81	145 145 x 145
		220-240	50/60Hz	0.95	Warm white	3000K	3625	144	110	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	3730	148	110	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5000K	3805	151	110	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	3765	150	110	>82	A+		

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 Heat Management: Die-cast aluminium heat sink
 Reflector: Aluminium
 Diffuser: Clear glass or Frosted Glass

LED Modules
 GERMAN Technology
 Comfort COB - Up to 5500lm
 Long service life time : 50,000 hours (L80/B10)
 Ambient temperature - 40°C to +40°C

Drivers: 900mA / 1050mA / 1100mA / 1200mA
 (optional: Dimmable available)
 Power factor at full load : 0.97
 SELV , Low Ripple current < 1% ,THD <15%
 Warranty: 5 years



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Model	Wattage	Voltage	Frequency	Power Factor	Colour	Colour Temperature	Module Luminous Flux (Lm)	Module Efficacy (lm/W)	Typ. Beam Angle	Typ. CRI Ra	Energy Efficiency	Dimension (Dia x H) mm	Dimension (Cut out) mm
P4-8-32W P5-8-32W	32.0W	220-240	50/60Hz	0.95	Warm white	2700K	4455	139	110	>82	A+	220 x 90 220 x 220 x 90	200 200 x 200
		220-240	50/60Hz	0.95	Warm white	3000K	4690	147	110	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	4830	151	110	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5000K	4920	154	110	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	4875	152	110	>82	A+		
P4-8-38W P5-8-38W	38.0W	220-240	50/60Hz	0.95	Warm white	2700K	5045	133	110	>82	A+	220 x 90 220 x 220 x 90	200 200 x 200
		220-240	50/60Hz	0.95	Warm white	3000K	5310	140	110	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	5465	144	110	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5000K	5575	147	110	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	5520	145	110	>82	A+		
P4-8-40W P5-8-40W	40.1W	220-240	50/60Hz	0.95	Warm white	2700K	5230	130	110	>82	A+	220 x 90 220 x 220 x 90	200 200 x 200
		220-240	50/60Hz	0.95	Warm white	3000K	5505	137	110	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	5670	141	110	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5000K	5780	144	110	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	5725	143	110	>82	A+		
P4-8-44W P5-8-44W	44.2W	220-240	50/60Hz	0.95	Warm white	2700K	5590	127	110	>82	A+	220 x 90 220 x 220 x 90	200 200 x 200
		220-240	50/60Hz	0.95	Warm white	3000K	5885	133	110	>82	A+		
		220-240	50/60Hz	0.95	Neutral white	4000K	6060	137	110	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5000K	6175	140	110	>82	A+		
		220-240	50/60Hz	0.95	Cool white	5700K	6120	139	110	>82	A+		

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