



SMD-FR4-Leiterplatte 280x 24mm // 560x 24mm mit AVX-Steckklemme
SMD-FR4-PCB 280x 24mm // 560x 24mm with AVX plug terminal

IP00   

Technische Daten / specifications:

LED-Typ LED type	5630
Eingangsstrom input current	typ. 700mA, max. 1050mA
Abstrahlwinkel beam angle	120°
Dimmbarkeit dimmability	dimmbar dimmable
Umgebungstemperatur (ta) ambient temperature (ta)	-20°C – +45°C
Gehäusetemperatur (tc) case temperature (tc)	max. 65°C
Schutzklasse safety class	III
Schutzart protection class	IP00
Material /-stärke material / thickness	FR4 weiß / 1,5mm (+/- 10%) FR4 white / 1,5mm (+/- 10%)
Abmessungen (LxB) dimensions (LxW)	280x24mm // 560x24mm
Leitungsquerschnitt Steckklemme conductor cross section plug terminal	0,14 - 1,00mm² AWG 18 - 26

Folgende Angaben bei $t_j = 25^\circ\text{C}$ / following information at $t_j = 25^\circ\text{C}$

L x B L x W	LED-Anzahl LED quantity	Eingangsstrom input current	typ. Nennleistung / Vf typ. rated power / Vf		Lichtstrom luminous flux	Farbtemp. colour temp.	CRI CRI	Artikel-Nr. item no.
280 x 24mm	28	350mA	4,0W	11,6Vdc	ca. 625lm	typ. 2700K	>80	DR5633102700
		500mA	6,0W	12,0Vdc	ca. 865lm			
		700mA	8,7W	12,4Vdc	ca. 1200lm			
		1050mA	13,5W	12,8Vdc	ca. 1700lm			
280 x 24mm	28	350mA	4,0W	11,6Vdc	ca. 635lm	typ. 3000K	>80	DR5633103000
		500mA	6,0W	12,0Vdc	ca. 880lm			
		700mA	8,7W	12,4Vdc	ca. 1220lm			
		1050mA	13,5W	12,8Vdc	ca. 1735lm			
280 x 24mm	28	350mA	4,0W	11,6Vdc	ca. 685lm	typ. 4000K	>80	DR5633104000
		500mA	6,0W	12,0Vdc	ca. 950lm			
		700mA	8,7W	12,4Vdc	ca. 1320lm			
		1050mA	13,5W	12,8Vdc	ca. 1870lm			
280 x 24mm	28	350mA	4,0W	11,6Vdc	ca. 685lm	typ. 4500K	>80	DR5633104500
		500mA	6,0W	12,0Vdc	ca. 950lm			
		700mA	8,7W	12,4Vdc	ca. 1320lm			
		1050mA	13,5W	12,8Vdc	ca. 1870lm			
280 x 24mm	28	350mA	4,0W	11,6Vdc	ca. 685lm	typ. 5000K	>80	DR5633105000
		500mA	6,0W	12,0Vdc	ca. 950lm			
		700mA	8,7W	12,4Vdc	ca. 1320lm			
		1050mA	13,5W	12,8Vdc	ca. 1870lm			
280 x 24mm	28	350mA	4,0W	11,6Vdc	ca. 685lm	typ. 5600K	>80	DR5633105600
		500mA	6,0W	12,0Vdc	ca. 950lm			
		700mA	8,7W	12,4Vdc	ca. 1320lm			
		1050mA	13,5W	12,8Vdc	ca. 1870lm			
280 x 24mm	28	350mA	4,0W	11,6Vdc	ca. 685lm	typ. 6500K	>80	DR5633106500
		500mA	6,0W	12,0Vdc	ca. 950lm			
		700mA	8,7W	12,4Vdc	ca. 1320lm			
		1050mA	13,5W	12,8Vdc	ca. 1870lm			

Folgende Angaben bei $t_j = 25^\circ\text{C}$ / following information at $t_j = 25^\circ\text{C}$

L x B L x W	LED-Anzahl LED quantity	Eingangsstrom input current	typ. Nennleistung / Vf typ. rated power / Vf		Lichtstrom luminous flux	Farbtemp. colour temp.	CRI CRI	Artikel-Nr. item no.
560 x 24mm	56	350mA	8,0W	23,2Vdc	ca. 1250lm	typ. 2700K	>80	DR5633112700
		500mA	12,0W	24,0Vdc	ca. 1730lm			
		700mA	17,4W	24,8Vdc	ca. 2400lm			
		1050mA	27,0W	25,6Vdc	ca. 3395lm			
560 x 24mm	56	350mA	8,0W	23,2Vdc	ca. 1270lm	typ. 3000K	>80	DR5633113000
		500mA	12,0W	24,0Vdc	ca. 1760lm			
		700mA	17,4W	24,8Vdc	ca. 2440lm			
		1050mA	27,0W	25,6Vdc	ca. 3465lm			
560 x 24mm	56	350mA	8,0W	23,2Vdc	ca. 1370lm	typ. 4000K	>80	DR5633114000
		500mA	12,0W	24,0Vdc	ca. 1900lm			
		700mA	17,4W	24,8Vdc	ca. 2640lm			
		1050mA	27,0W	25,6Vdc	ca. 3735lm			
560 x 24mm	56	350mA	8,0W	23,2Vdc	ca. 1370lm	typ. 4500K	>80	DR5633114500
		500mA	12,0W	24,0Vdc	ca. 1900lm			
		700mA	17,4W	24,8Vdc	ca. 2640lm			
		1050mA	27,0W	25,6Vdc	ca. 3735lm			
560 x 24mm	56	350mA	8,0W	23,2Vdc	ca. 1370lm	typ. 5000K	>80	DR5633115000
		500mA	12,0W	24,0Vdc	ca. 1900lm			
		700mA	17,4W	24,8Vdc	ca. 2640lm			
		1050mA	27,0W	25,6Vdc	ca. 3735lm			
560 x 24mm	56	350mA	8,0W	23,2Vdc	ca. 1370lm	typ. 5600K	>80	DR5633115600
		500mA	12,0W	24,0Vdc	ca. 1900lm			
		700mA	17,4W	24,8Vdc	ca. 2640lm			
		1050mA	27,0W	25,6Vdc	ca. 3735lm			
560 x 24mm	56	350mA	8,0W	23,2Vdc	ca. 1370lm	typ. 6500K	>80	DR5633116500
		500mA	12,0W	24,0Vdc	ca. 1900lm			
		700mA	17,4W	24,8Vdc	ca. 2640lm			
		1050mA	27,0W	25,6Vdc	ca. 3735lm			

Bei Einbau der Leiterplatte muss darauf geachtet werden, dass eine ausreichende Wärmeableitung stattfinden kann.

When installing the PCB sufficient heat dissipation has to be guaranteed.

Ökodesign-Richtlinie / ecodesign directive

Einstufung durchgeführt gemäß
classification according to

2009/125/EG
2009/125/EC

Energieeffizienzklasse
energy efficiency class

A++

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