



SMD-FR4-Leiterplatte 280x 40mm; 560x 40mm mit 2-poliger WAGO-Klemmenleiste
SMD-FR4 PCB 280x 40mm; 560x 40mm with 2 pole WAGO terminal



Technische Daten / specifications:

LED-Typ LED type	5630
Eingangsstrom input current	typ. 700mA , max. 1050 mA
Abstrahlwinkel beam angle	120°
Dimmbarkeit dimmbility	dimmbar dimmbable
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 / 1,5mm (+/- 10%) FR4 / 1,5mm (+/- 10%)
Abmessungen (LxB) dimensions (LxW)	280x40mm // 560x40mm
Leitungsquerschnitt Steckklemme conductor cross section plug terminal	0,2 - 0,75mm ²

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 40mm	28	350mA	4,0W	11,6Vdc	ca. 625lm	typ. 2700K	>80	DR5633142700
		500mA	6,0W	12,0Vdc	ca. 865lm			
		700mA	8,7W	12,4Vdc	ca. 1200lm			
		1050mA	13,5W	12,8Vdc	ca. 1700lm			
280 x 40mm	28	350mA	4,0W	11,6Vdc	ca. 630lm	typ. 3000K	>80	DR5633143000
		500mA	6,0W	12,0Vdc	ca. 875lm			
		700mA	8,7W	12,4Vdc	ca. 1215lm			
		1050mA	13,5W	12,8Vdc	ca. 1715lm			
280 x 40mm	28	350mA	4,0W	11,6Vdc	ca. 630lm	typ. 3500K	>80	DR5633143500
		500mA	6,0W	12,0Vdc	ca. 875lm			
		700mA	8,7W	12,4Vdc	ca. 1215lm			
		1050mA	13,5W	12,8Vdc	ca. 1715lm			
280 x 40mm	28	350mA	4,0W	11,6Vdc	ca. 675lm	typ. 4000K	>80	DR5633144000
		500mA	6,0W	12,0Vdc	ca. 940lm			
		700mA	8,7W	12,4Vdc	ca. 1300lm			
		1050mA	13,5W	12,8Vdc	ca. 1835lm			
280 x 40mm	28	350mA	4,0W	11,6Vdc	ca. 675lm	typ. 4500K	>80	DR5633144500
		500mA	6,0W	12,0Vdc	ca. 940lm			
		700mA	8,7W	12,4Vdc	ca. 1300lm			
		1050mA	13,5W	12,8Vdc	ca. 1835lm			
280 x 40mm	28	350mA	4,0W	11,6Vdc	ca. 685lm	typ. 5000K	>80	DR5633145000
		500mA	6,0W	12,0Vdc	ca. 950lm			
		700mA	8,7W	12,4Vdc	ca. 1320lm			
		1050mA	13,5W	12,8Vdc	ca. 1870lm			
280 x 40mm	28	350mA	4,0W	11,6Vdc	ca. 685lm	typ. 5600K	>80	DR5633145600
		500mA	6,0W	12,0Vdc	ca. 950lm			
		700mA	8,7W	12,4Vdc	ca. 1320lm			
		1050mA	13,5W	12,8Vdc	ca. 1870lm			
280 x 40mm	28	350mA	4,0W	11,6Vdc	ca. 685lm	typ. 6500K	>80	DR5633146500
		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 40mm	56	350mA	8,0W	23,2Vdc	ca. 1250lm	typ. 2700K	>80	DR5633152700
		500mA	12,0W	24,0Vdc	ca. 1730lm			
		700mA	17,4W	24,8Vdc	ca. 2400lm			
		1050mA	27,0W	25,6Vdc	ca. 3395lm			
560 x 40mm	56	350mA	8,0W	23,2Vdc	ca. 1260lm	typ. 3000K	>80	DR5633153000
		500mA	12,0W	24,0Vdc	ca. 1750lm			
		700mA	17,4W	24,8Vdc	ca. 2430lm			
		1050mA	27,0W	25,6Vdc	ca. 3430lm			
280 x 40mm	28	350mA	8,0W	11,6Vdc	ca. 1260lm	typ. 3500K	>80	DR5633153500
		500mA	12,0W	12,0Vdc	ca. 1750lm			
		700mA	17,4W	12,4Vdc	ca. 2430lm			
		1050mA	27,0W	12,8Vdc	ca. 3430lm			
560 x 40mm	56	350mA	8,0W	23,2Vdc	ca. 1350lm	typ. 4000K	>80	DR5633154000
		500mA	12,0W	24,0Vdc	ca. 1880lm			
		700mA	17,4W	24,8Vdc	ca. 2600lm			
		1050mA	27,0W	25,6Vdc	ca. 3670lm			
560 x 40mm	56	350mA	8,0W	23,2Vdc	ca. 1350lm	typ. 4500K	>80	DR5633154500
		500mA	12,0W	24,0Vdc	ca. 1880lm			
		700mA	17,4W	24,8Vdc	ca. 2600lm			
		1050mA	27,0W	25,6Vdc	ca. 3670lm			
560 x 40mm	56	350mA	8,0W	23,2Vdc	ca. 1370lm	typ. 5000K	>80	DR5633155000
		500mA	12,0W	24,0Vdc	ca. 1900lm			
		700mA	17,4W	24,8Vdc	ca. 2640lm			
		1050mA	27,0W	25,6Vdc	ca. 3740lm			
560 x 40mm	56	350mA	8,0W	23,2Vdc	ca. 1370lm	typ. 5600K	>80	DR5633155600
		500mA	12,0W	24,0Vdc	ca. 1900lm			
		700mA	17,4W	24,8Vdc	ca. 2640lm			
		1050mA	27,0W	25,6Vdc	ca. 3740lm			
560 x 40mm	56	350mA	8,0W	23,2Vdc	ca. 1370lm	typ. 6500K	>80	DR5633156500
		500mA	12,0W	24,0Vdc	ca. 1900lm			
		700mA	17,4W	24,8Vdc	ca. 2640lm			
		1050mA	27,0W	25,6Vdc	ca. 3740lm			

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+ (-2700, -3000, -3500) ; **A++** (-4000, -4500, -5000, -5600, -6500)

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