

SMD-FR4 -Ringleiterplatte Ø 260 - Ø 500mm, 2-kanalig, 2x 2-polige WAGO® Klemmenleiste mit CAGE CLAMP®S-Anschlusstechnik.

Beide Kanäle können separat geschaltet und gedimmt werden.

SMD-FR4-PCB Ø 260 - Ø 500mm, 2-channel, 2x 2-pole WAGO® terminal strip with CAGE CLAMP®S connection. For each channel separate switching and dimming is possible.



Technische Daten / specifications:

LED-Typ LED type	SMD LED 5630 SMD LED 5630.
Eingangsstrom input current	700mA (je Kanal)
Vorwärtsspannung forward voltage	siehe Übersicht see chart
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 / 1,5mm (+/- 10%) FR4 / 1,5mm (+/- 10%)
Abmessungen (AØxB/ TKØ) dimensions (AØxB/ TKØ)	siehe Übersicht see chart
Leitungsquerschnitt Steckklemme conductor cross section plug terminal	0,2 - 0,75 mm ² AWG 18 – 26

Folgende Angaben bei $t_j = 25^\circ\text{C}$ / following information at $t_j = 25^\circ\text{C}$, Angaben je Kanal/ per channel

Maße ØAxB ØTK Dimension	LED/Kanal LED/channel	Eingangsstrom input current	typ. Nennleistung / Vf typ. rated power / Vf		Lichtstrom luminous flux	Farbtemp. colour temp.	CRI CRI	Artikel-Nr. item no.
Ø260x28mm ØTK-220mm	21	350mA 500mA 700mA 1050mA	3,1W 4,5W 6,5W 10,1W	8,7Vdc 9,0Vdc 9,3Vdc 9,6Vdc max. 10,2Vdc	ca. 470lm ca. 650lm ca. 900lm ca. 1270lm	typ. 2700K	>80	DR5631242700
Ø260x28mm ØTK-220mm	21	350mA 500mA 700mA 1050mA	3,1W 4,5W 6,5W 10,1W	8,7Vdc 9,0Vdc 9,3Vdc 9,6Vdc max. 10,2Vdc	ca. 475lm ca. 660lm ca. 910lm ca. 1290lm	typ. 3000K	>80	DR5631243000
Ø260x28mm ØTK-220mm	21	350mA 500mA 700mA 1050mA	3,1W 4,5W 6,5W 10,1W	8,7Vdc 9,0Vdc 9,3Vdc 9,6Vdc max. 10,2Vdc	ca. 510lm ca. 700lm ca. 980lm ca. 1380lm	typ. 4000K	>80	DR5631244000
Ø260x28mm ØTK-220mm	21	350mA 500mA 700mA 1050mA	3,1W 4,5W 6,5W 10,1W	8,7Vdc 9,0Vdc 9,3Vdc 9,6Vdc max. 10,2Vdc	ca. 510lm ca. 700lm ca. 980lm ca. 1380lm	typ. 4500K	>80	DR5631244500
Ø260x28mm ØTK-220mm	21	350mA 500mA 700mA 1050mA	3,1W 4,5W 6,5W 10,1W	8,7Vdc 9,0Vdc 9,3Vdc 9,6Vdc max. 10,2Vdc	ca. 510lm ca. 710lm ca. 990lm ca. 1390lm	typ. 5000K	>80	DR5631245000
Ø260x28mm ØTK-220mm	21	350mA 500mA 700mA 1050mA	3,1W 4,5W 6,5W 10,1W	8,7Vdc 9,0Vdc 9,3Vdc 9,6Vdc max. 10,2Vdc	ca. 510lm ca. 710lm ca. 990lm ca. 1390lm	typ. 5600K	>80	DR5631245600
Ø260x28mm ØTK-220mm	21	350mA 500mA 700mA 1050mA	3,1W 4,5W 6,5W 10,1W	8,7Vdc 9,0Vdc 9,3Vdc 9,6Vdc max. 10,2Vdc	ca. 510lm ca. 710lm ca. 990lm ca. 1390lm	typ. 6500K	>80	DR5631246500
Ø260x28mm ØTK-220mm	21	350mA 500mA 700mA 1050mA	3,1W 4,5W 6,5W 10,1W	8,7Vdc 9,0Vdc 9,3Vdc 9,6Vdc max. 10,2Vdc	ca. 470lm ca. 650lm ca. 900lm ca. 1270lm	typ. 2700K	>80	DR5631242765
Ø260x28mm ØTK-220mm	21	350mA 500mA 700mA 1050mA	3,1W 4,5W 6,5W 10,1W	8,7Vdc 9,0Vdc 9,3Vdc 9,6Vdc max. 10,2Vdc	ca. 510lm ca. 710lm ca. 990lm ca. 1390lm	typ. 6500K	>80	

Folgende Angaben bei $t_j = 25^\circ\text{C}$ / following information at $t_j = 25^\circ\text{C}$, Angaben je Kanal/ per channel								
Maße $\varnothing \times B$ $\varnothing \text{TK}$ Dimension	LED/Kanal LED/channel	Eingangsstrom input current	typ. Nennleistung / Vf typ. rated power / Vf		Lichtstrom luminous flux	Farbtemp. colour temp.	CRI CRI	Artikel-Nr. item no.
$\varnothing 320 \times 28 \text{mm}$ $\varnothing \text{TK} - 290 \text{mm}$	21	350mA 500mA 700mA 1050mA	3,1W 4,5W 6,5W 10,1W	8,7Vdc 9,0Vdc 9,3Vdc 9,6Vdc max. 10,2Vdc	ca. 470lm ca. 650lm ca. 900lm ca. 1270lm	typ. 2700K	>80	DR5631252700
$\varnothing 320 \times 28 \text{mm}$ $\varnothing \text{TK} - 290 \text{mm}$	21	350mA 500mA 700mA 1050mA	3,1W 4,5W 6,5W 10,1W	8,7Vdc 9,0Vdc 9,3Vdc 9,6Vdc max. 10,2Vdc	ca. 475lm ca. 660lm ca. 910lm ca. 1290lm	typ. 3000K	>80	DR5631253000
$\varnothing 320 \times 28 \text{mm}$ $\varnothing \text{TK} - 290 \text{mm}$	21	350mA 500mA 700mA 1050mA	3,1W 4,5W 6,5W 10,1W	8,7Vdc 9,0Vdc 9,3Vdc 9,6Vdc max. 10,2Vdc	ca. 510lm ca. 700lm ca. 980lm ca. 1380lm	typ. 4000K	>80	DR5631254000
$\varnothing 320 \times 28 \text{mm}$ $\varnothing \text{TK} - 290 \text{mm}$	21	350mA 500mA 700mA 1050mA	3,1W 4,5W 6,5W 10,1W	8,7Vdc 9,0Vdc 9,3Vdc 9,6Vdc max. 10,2Vdc	ca. 510lm ca. 700lm ca. 980lm ca. 1380lm	typ. 4500K	>80	DR5631254500
$\varnothing 320 \times 28 \text{mm}$ $\varnothing \text{TK} - 290 \text{mm}$	21	350mA 500mA 700mA 1050mA	3,1W 4,5W 6,5W 10,1W	8,7Vdc 9,0Vdc 9,3Vdc 9,6Vdc max. 10,2Vdc	ca. 510lm ca. 710lm ca. 990lm ca. 1390lm	typ. 5000K	>80	DR5631255000
$\varnothing 320 \times 28 \text{mm}$ $\varnothing \text{TK} - 290 \text{mm}$	21	350mA 500mA 700mA 1050mA	3,1W 4,5W 6,5W 10,1W	8,7Vdc 9,0Vdc 9,3Vdc 9,6Vdc max. 10,2Vdc	ca. 510lm ca. 710lm ca. 990lm ca. 1390lm	typ. 5600K	>80	DR563125-5600
$\varnothing 320 \times 28 \text{mm}$ $\varnothing \text{TK} - 290 \text{mm}$	21	350mA 500mA 700mA 1050mA	3,1W 4,5W 6,5W 10,1W	8,7Vdc 9,0Vdc 9,3Vdc 9,6Vdc max. 10,2Vdc	ca. 510lm ca. 710lm ca. 990lm ca. 1390lm	typ. 6500K	>80	DR5631256500
$\varnothing 320 \times 28 \text{mm}$ $\varnothing \text{TK} - 290 \text{mm}$	21	350mA 500mA 700mA 1050mA	3,1W 4,5W 6,5W 10,1W	8,7Vdc 9,0Vdc 9,3Vdc 9,6Vdc max. 10,2Vdc	ca. 470lm ca. 650lm ca. 900lm ca. 1270lm	typ. 2700K	>80	DR5631252765
$\varnothing 320 \times 28 \text{mm}$ $\varnothing \text{TK} - 290 \text{mm}$	21	350mA 500mA 700mA 1050mA	3,1W 4,5W 6,5W 10,1W	8,7Vdc 9,0Vdc 9,3Vdc 9,6Vdc max. 10,2Vdc	ca. 510lm ca. 710lm ca. 990lm ca. 1390lm	typ. 6500K	>80	

Folgende Angaben bei $t_j = 25^\circ\text{C}$ / following information at $t_j = 25^\circ\text{C}$, Angaben je Kanal/ per channel								
Maße ØxL ØTK Dimension	LED/Kanal LED/channel	Eingangsstrom input current	typ. Nennleistung / Vf typ. rated power / Vf		Lichtstrom luminous flux	Farbtemp. colour temp.	CRI CRI	Artikel-Nr. item no.
Ø380x28mm ØTK-340mm	28	350mA 500mA 700mA 1050mA	4,0W 6,0W 8,5W 13,4W	11,6Vdc 12,0Vdc 12,4Vdc 12,8Vdc max. 13,6Vdc	ca. 630lm ca. 870lm ca. 1200lm ca. 1690lm	typ. 2700K	>80	DR5631262700
Ø380x28mm ØTK-340mm	28	350mA 500mA 700mA 1050mA	4,0W 6,0W 8,5W 13,4W	11,6Vdc 12,0Vdc 12,4Vdc 12,8Vdc max. 13,6Vdc	ca. 630lm ca. 870lm ca. 1200lm ca. 1690lm	typ. 3000K	>80	DR5631263000
Ø380x28mm ØTK-340mm	28	350mA 500mA 700mA 1050mA	4,0W 6,0W 8,5W 13,4W	11,6Vdc 12,0Vdc 12,4Vdc 12,8Vdc max. 13,6Vdc	ca. 670lm ca. 940lm ca. 1300lm ca. 1830lm	typ. 4000K	>80	DR5631264000
Ø380x28mm ØTK-340mm	28	350mA 500mA 700mA 1050mA	4,0W 6,0W 8,5W 13,4W	11,6Vdc 12,0Vdc 12,4Vdc 12,8Vdc max. 13,6Vdc	ca. 670lm ca. 940lm ca. 1300lm ca. 1830lm	typ. 4500K	>80	DR5631264500
Ø380x28mm ØTK-340mm	28	350mA 500mA 700mA 1050mA	4,0W 6,0W 8,5W 13,4W	11,6Vdc 12,0Vdc 12,4Vdc 12,8Vdc max. 13,6Vdc	ca. 680lm ca. 950lm ca. 1310lm ca. 1860lm	typ. 5000K	>80	DR5631265000
Ø380x28mm ØTK-340mm	28	350mA 500mA 700mA 1050mA	4,0W 6,0W 8,5W 13,4W	11,6Vdc 12,0Vdc 12,4Vdc 12,8Vdc max. 13,6Vdc	ca. 680lm ca. 950lm ca. 1310lm ca. 1860lm	typ. 5600K	>80	DR5631265600
Ø380x28mm ØTK-340mm	28	350mA 500mA 700mA 1050mA	4,0W 6,0W 8,5W 13,4W	11,6Vdc 12,0Vdc 12,4Vdc 12,8Vdc max. 13,6Vdc	ca. 680lm ca. 950lm ca. 1310lm ca. 1860lm	typ. 6500K	>80	DR5631266500
Ø380x28mm ØTK-340mm	28	350mA 500mA 700mA 1050mA	4,0W 6,0W 8,5W 13,4W	11,6Vdc 12,0Vdc 12,4Vdc 12,8Vdc max. 13,6Vdc	ca. 630lm ca. 870lm ca. 1200lm ca. 1690lm	typ. 2700K	>80	DR5631262765
Ø380x28mm ØTK-340mm	28	350mA 500mA 700mA 1050mA	4,0W 6,0W 8,5W 13,4W	11,6Vdc 12,0Vdc 12,4Vdc 12,8Vdc max. 13,6Vdc	ca. 680lm ca. 950lm ca. 1310lm ca. 1860lm	typ. 6500K	>80	

Folgende Angaben bei $t_j = 25^\circ\text{C}$ / following information at $t_j = 25^\circ\text{C}$, Angaben je Kanal/ per channel								
Maße ØxH ØTK Dimension	LED/Kanal LED/channel	Eingangsstrom input current	typ. Nennleistung / Vf typ. rated power / Vf		Lichtstrom luminous flux	Farbtemp. colour temp.	CRI CRI	Artikel-Nr. item no.
Ø440x28mm ØTK-400mm	35	350mA 500mA 700mA 1050mA	5,1W 7,5W 10,8W 16,8W	14,5Vdc 15,0Vdc 15,5Vdc 16,0Vdc max. 17,0Vdc	ca. 785lm ca. 1080lm ca. 1500lm ca. 2100lm	typ. 2700K	>80	DR5631272700
Ø440x28mm ØTK-400mm	35	350mA 500mA 700mA 1050mA	5,1W 7,5W 10,8W 16,8W	14,5Vdc 15,0Vdc 15,5Vdc 16,0Vdc max. 17,0Vdc	ca. 790lm ca. 1090lm ca. 1520lm ca. 2140lm	typ. 3000K	>80	DR5631273000
Ø440x28mm ØTK-400mm	35	350mA 500mA 700mA 1050mA	5,1W 7,5W 10,8W 16,8W	14,5Vdc 15,0Vdc 15,5Vdc 16,0Vdc max. 17,0Vdc	ca. 850lm ca. 1170lm ca. 1620lm ca. 2300lm	typ. 4000K	>80	DR5631274000
Ø440x28mm ØTK-400mm	35	350mA 500mA 700mA 1050mA	5,1W 7,5W 10,8W 16,8W	14,5Vdc 15,0Vdc 15,5Vdc 16,0Vdc max. 17,0Vdc	ca. 850lm ca. 1170lm ca. 1620lm ca. 2300lm	typ. 4500K	>80	DR5631274500
Ø440x28mm ØTK-400mm	35	350mA 500mA 700mA 1050mA	5,1W 7,5W 10,8W 16,8W	14,5Vdc 15,0Vdc 15,5Vdc 16,0Vdc max. 17,0Vdc	ca. 850lm ca. 1180lm ca. 1640lm ca. 2320lm	typ. 5000K	>80	DR5631275000
Ø440x28mm ØTK-400mm	35	350mA 500mA 700mA 1050mA	5,1W 7,5W 10,8W 16,8W	14,5Vdc 15,0Vdc 15,5Vdc 16,0Vdc max. 17,0Vdc	ca. 850lm ca. 1180lm ca. 1640lm ca. 2320lm	typ. 5600K	>80	DR5631275600
Ø440x28mm ØTK-400mm	35	350mA 500mA 700mA 1050mA	5,1W 7,5W 10,8W 16,8W	14,5Vdc 15,0Vdc 15,5Vdc 16,0Vdc max. 17,0Vdc	ca. 850lm ca. 1180lm ca. 1640lm ca. 2320lm	typ. 6500K	>80	DR5631276500
Ø440x28mm ØTK-400mm	35	350mA 500mA 700mA 1050mA	5,1W 7,5W 10,8W 16,8W	14,5Vdc 15,0Vdc 15,5Vdc 16,0Vdc max. 17,0Vdc	ca. 785lm ca. 1080lm ca. 1500lm ca. 2100lm	typ. 2700K	>80	DR5631272765
Ø440x28mm ØTK-400mm	35	350mA 500mA 700mA 1050mA	5,1W 7,5W 10,8W 16,8W	14,5Vdc 15,0Vdc 15,5Vdc 16,0Vdc max. 17,0Vdc	ca. 850lm ca. 1180lm ca. 1640lm ca. 2320lm	typ. 6500K	>80	

Folgende Angaben bei $t_j = 25^\circ\text{C}$ / following information at $t_j = 25^\circ\text{C}$, Angaben je Kanal/ per channel

Maße ØxH ØTK Dimension	LED/Kanal LED/chan nel	Eingangsstrom input current	typ. Nennleistung / Vf typ. rated power / Vf		Lichtstrom luminous flux	Farbtemp. colour temp.	CRI CRI	Artikel-Nr. item no.
Ø500x28mm ØTK-460mm	35	350mA	5,1W	14,5Vdc	ca. 785lm	typ. 2700K	>80	DR5631282700
		500mA	7,5W	15,0Vdc	ca. 1080lm			
Ø500x28mm ØTK-460mm	35	700mA	10,8W	15,5Vdc	ca. 1500lm	typ. 3000K	>80	DR5631283000
		1050mA	16,8W	16,0Vdc max. 17,0Vdc	ca. 2100lm			
Ø500x28mm ØTK-460mm	35	350mA	5,1W	14,5Vdc	ca. 790lm	typ. 4000K	>80	DR5631284000
		500mA	7,5W	15,0Vdc	ca. 1090lm			
Ø500x28mm ØTK-460mm	35	700mA	10,8W	15,5Vdc	ca. 1520lm	typ. 4500K	>80	DR5631284500
		1050mA	16,8W	16,0Vdc max. 17,0Vdc	ca. 2140lm			
Ø500x28mm ØTK-460mm	35	350mA	5,1W	14,5Vdc	ca. 850lm	typ. 5000K	>80	DR5631285000
		500mA	7,5W	15,0Vdc	ca. 1180lm			
Ø500x28mm ØTK-460mm	35	700mA	10,8W	15,5Vdc	ca. 1640lm	typ. 5600K	>80	DR5631285600
		1050mA	16,8W	16,0Vdc max. 17,0Vdc	ca. 2320lm			
Ø500x28mm ØTK-460mm	35	350mA	5,1W	14,5Vdc	ca. 850lm	typ. 6500K	>80	DR5631286500
		500mA	7,5W	15,0Vdc	ca. 1180lm			
Ø500x28mm ØTK-460mm	35	700mA	10,8W	15,5Vdc	ca. 1640lm	typ. 2700K	>80	DR5631282765
		1050mA	16,8W	16,0Vdc max. 17,0Vdc	ca. 2100lm			
Ø500x28mm ØTK-460mm	35	350mA	5,1W	14,5Vdc	ca. 850lm	typ. 6500K	>80	DR5631282765
		500mA	7,5W	15,0Vdc	ca. 1180lm			
Ø500x28mm ØTK-460mm	35	700mA	10,8W	15,5Vdc	ca. 1640lm	typ. 6500K	>80	DR5631282765
		1050mA	16,8W	16,0Vdc max. 17,0Vdc	ca. 2320lm			

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.

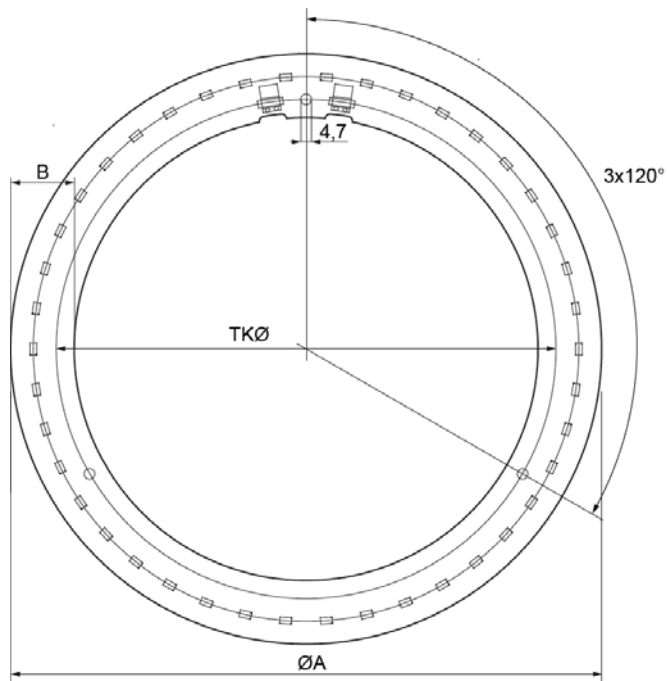
Ökodesign-Richtlinie / ecodesign directive

Einstufung durchgeführt gemäß
classification according to

2009/125/EG
2009/125/EC

Energieeffizienzklasse
energy efficiency class

A+



LEaD LiGHT

Experts in LED

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