

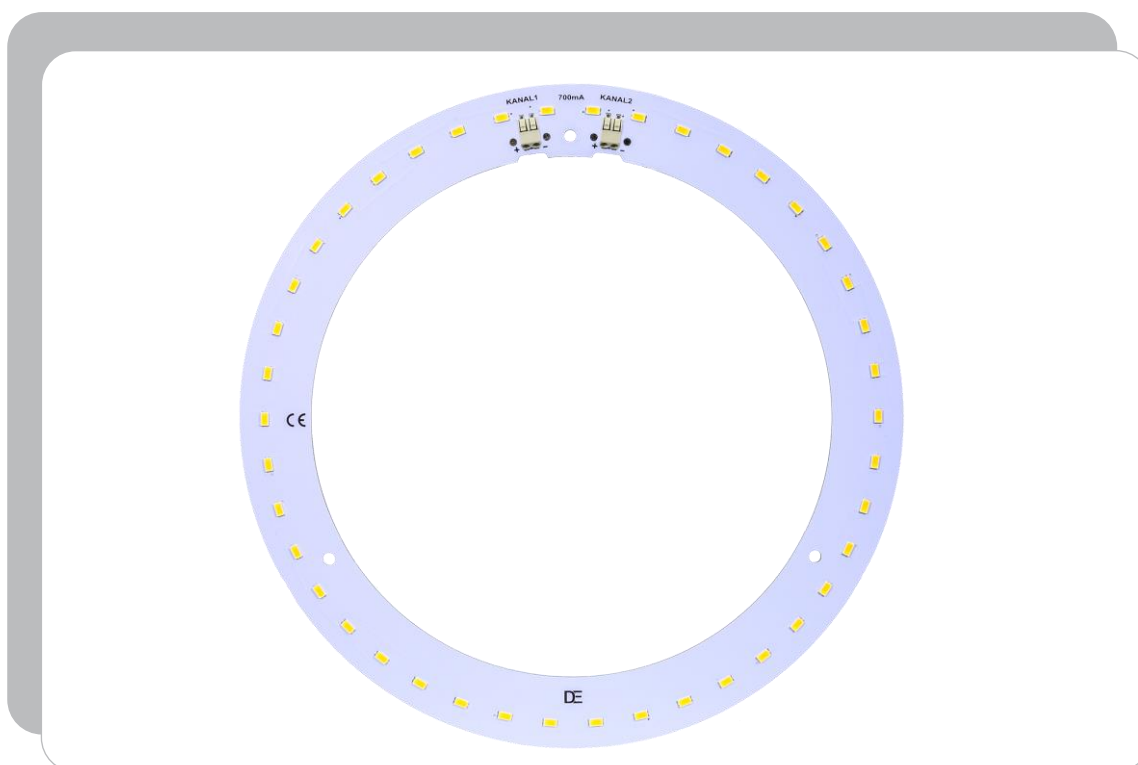
## LED-Leiterplatten

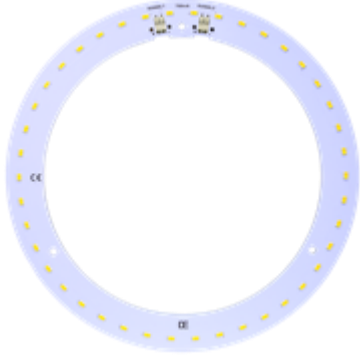
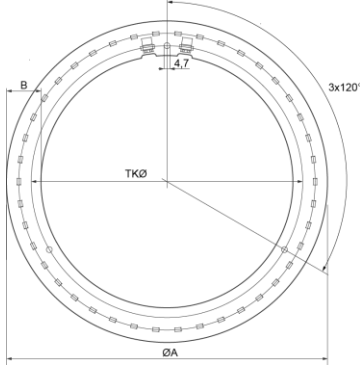




### SMD-FR4-Ringleiterplatte EVENT, 2-Kanal,

Ø260x28mm; Ø320x28mm; Ø380x28mm; Ø400x28mm;

Ø500x28mm



<b>Drees GmbH</b> <b>Sundern / GERMANY</b>	<b>SMD-FR4 Leiterplatten</b> <b>EVENT</b> <b>Ø 260 - Ø 500mm</b> <b>563-124/-125/-126/-127-xxxx</b>	Kategorie: LED-Leiterplatten
		2016-09-01
		R003
		
<p>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.</p>		
<b>IP00</b>   <b>CE</b>		
<b>Technische Daten / specifications:</b>		
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 <sup>2</sup> 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	3,1W	8,7Vdc	ca. 470lm	typ. 2700K	>80	563-124-2700
		500mA	4,5W	9,0Vdc	ca. 650lm			
Ø260x28mm ØTK-220mm	21	700mA	6,5W	9,3Vdc	ca. 900lm	typ. 3000K	>80	563-124-3000
		1050mA	10,1W	9,6Vdc max. 10,2Vdc	ca. 1270lm			
Ø260x28mm ØTK-220mm	21	350mA	3,1W	8,7Vdc	ca. 475lm	typ. 4000K	>80	563-124-4000
		500mA	4,5W	9,0Vdc	ca. 660lm			
Ø260x28mm ØTK-220mm	21	700mA	6,5W	9,3Vdc	ca. 910lm	typ. 4500K	>80	563-124-4500
		1050mA	10,1W	9,6Vdc max. 10,2Vdc	ca. 1290lm			
Ø260x28mm ØTK-220mm	21	350mA	3,1W	8,7Vdc	ca. 510lm	typ. 5000K	>80	563-124-5000
		500mA	4,5W	9,0Vdc	ca. 700lm			
Ø260x28mm ØTK-220mm	21	700mA	6,5W	9,3Vdc	ca. 710lm	typ. 5600K	>80	563-124-5600
		1050mA	10,1W	9,6Vdc max. 10,2Vdc	ca. 990lm			
Ø260x28mm ØTK-220mm	21	350mA	3,1W	8,7Vdc	ca. 510lm	typ. 6500K	>80	563-124-6500
		500mA	4,5W	9,0Vdc	ca. 710lm			
Ø260x28mm ØTK-220mm	21	700mA	6,5W	9,3Vdc	ca. 990lm	typ. 2700K	>80	563-124-2765
		1050mA	10,1W	9,6Vdc max. 10,2Vdc	ca. 1390lm			
Ø260x28mm ØTK-220mm	21	350mA	3,1W	8,7Vdc	ca. 510lm	typ. 6500K	>80	563-124-6500
		500mA	4,5W	9,0Vdc	ca. 710lm			
Ø260x28mm ØTK-220mm	21	700mA	6,5W	9,3Vdc	ca. 990lm	typ. 2700K	>80	563-124-2765
		1050mA	10,1W	9,6Vdc max. 10,2Vdc	ca. 1390lm			

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	563-125-2700
$\varnothing 320 \times 28 \text{mm}$ $\varnothing \text{TK-}290 \text{mm}$	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	563-125-3000
$\varnothing 320 \times 28 \text{mm}$ $\varnothing \text{TK-}290 \text{mm}$	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	563-125-4000
$\varnothing 320 \times 28 \text{mm}$ $\varnothing \text{TK-}290 \text{mm}$	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	563-125-4500
$\varnothing 320 \times 28 \text{mm}$ $\varnothing \text{TK-}290 \text{mm}$	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	563-125-5000
$\varnothing 320 \times 28 \text{mm}$ $\varnothing \text{TK-}290 \text{mm}$	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	563-125-5600
$\varnothing 320 \times 28 \text{mm}$ $\varnothing \text{TK-}290 \text{mm}$	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	563-125-6500
$\varnothing 320 \times 28 \text{mm}$ $\varnothing \text{TK-}290 \text{mm}$	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	563-125-2765
$\varnothing 320 \times 28 \text{mm}$ $\varnothing \text{TK-}290 \text{mm}$	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 $\varnothing \times B$ $\varnothing \text{TK}$ 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.
$\varnothing 380 \times 28 \text{mm}$ $\varnothing \text{TK-340mm}$	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	563-126-2700
$\varnothing 380 \times 28 \text{mm}$ $\varnothing \text{TK-340mm}$	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	563-126-3000
$\varnothing 380 \times 28 \text{mm}$ $\varnothing \text{TK-340mm}$	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	563-126-4000
$\varnothing 380 \times 28 \text{mm}$ $\varnothing \text{TK-340mm}$	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	563-126-4500
$\varnothing 380 \times 28 \text{mm}$ $\varnothing \text{TK-340mm}$	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	563-126-5000
$\varnothing 380 \times 28 \text{mm}$ $\varnothing \text{TK-340mm}$	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	563-126-5600
$\varnothing 380 \times 28 \text{mm}$ $\varnothing \text{TK-340mm}$	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	563-126-6500
$\varnothing 380 \times 28 \text{mm}$ $\varnothing \text{TK-340mm}$	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	563-126-2765
$\varnothing 380 \times 28 \text{mm}$ $\varnothing \text{TK-340mm}$	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 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.
Ø440x28mm ØTK-400mm	35	350mA	5,1W	14,5Vdc	ca. 785lm	typ. 2700K	>80	563-127-2700
		500mA	7,5W	15,0Vdc	ca. 1080lm			
Ø440x28mm ØTK-400mm	35	700mA	10,8W	15,5Vdc	ca. 1500lm	typ. 2700K	>80	563-127-2700
		1050mA	16,8W	16,0Vdc max. 17,0Vdc	ca. 2100lm			
Ø440x28mm ØTK-400mm	35	350mA	5,1W	14,5Vdc	ca. 790lm	typ. 3000K	>80	563-127-3000
		500mA	7,5W	15,0Vdc	ca. 1090lm			
Ø440x28mm ØTK-400mm	35	700mA	10,8W	15,5Vdc	ca. 1520lm	typ. 3000K	>80	563-127-3000
		1050mA	16,8W	16,0Vdc max. 17,0Vdc	ca. 2140lm			
Ø440x28mm ØTK-400mm	35	350mA	5,1W	14,5Vdc	ca. 850lm	typ. 4000K	>80	563-127-4000
		500mA	7,5W	15,0Vdc	ca. 1170lm			
Ø440x28mm ØTK-400mm	35	700mA	10,8W	15,5Vdc	ca. 1620lm	typ. 4000K	>80	563-127-4000
		1050mA	16,8W	16,0Vdc max. 17,0Vdc	ca. 2300lm			
Ø440x28mm ØTK-400mm	35	350mA	5,1W	14,5Vdc	ca. 850lm	typ. 4500K	>80	563-127-4500
		500mA	7,5W	15,0Vdc	ca. 1170lm			
Ø440x28mm ØTK-400mm	35	700mA	10,8W	15,5Vdc	ca. 1620lm	typ. 4500K	>80	563-127-4500
		1050mA	16,8W	16,0Vdc max. 17,0Vdc	ca. 2300lm			
Ø440x28mm ØTK-400mm	35	350mA	5,1W	14,5Vdc	ca. 850lm	typ. 5000K	>80	563-127-5000
		500mA	7,5W	15,0Vdc	ca. 1180lm			
Ø440x28mm ØTK-400mm	35	700mA	10,8W	15,5Vdc	ca. 1640lm	typ. 5000K	>80	563-127-5000
		1050mA	16,8W	16,0Vdc max. 17,0Vdc	ca. 2320lm			
Ø440x28mm ØTK-400mm	35	350mA	5,1W	14,5Vdc	ca. 850lm	typ. 5600K	>80	563-127-5600
		500mA	7,5W	15,0Vdc	ca. 1180lm			
Ø440x28mm ØTK-400mm	35	700mA	10,8W	15,5Vdc	ca. 1640lm	typ. 5600K	>80	563-127-5600
		1050mA	16,8W	16,0Vdc max. 17,0Vdc	ca. 2320lm			
Ø440x28mm ØTK-400mm	35	350mA	5,1W	14,5Vdc	ca. 850lm	typ. 6500K	>80	563-127-6500
		500mA	7,5W	15,0Vdc	ca. 1180lm			
Ø440x28mm ØTK-400mm	35	700mA	10,8W	15,5Vdc	ca. 1640lm	typ. 6500K	>80	563-127-6500
		1050mA	16,8W	16,0Vdc max. 17,0Vdc	ca. 2320lm			
Ø440x28mm ØTK-400mm	35	350mA	5,1W	14,5Vdc	ca. 785lm	typ. 2700K	>80	563-127-2765
		500mA	7,5W	15,0Vdc	ca. 1080lm			
Ø440x28mm ØTK-400mm	35	700mA	10,8W	15,5Vdc	ca. 1500lm	typ. 2700K	>80	563-127-2765
		1050mA	16,8W	16,0Vdc max. 17,0Vdc	ca. 2100lm			
Ø440x28mm ØTK-400mm	35	350mA	5,1W	14,5Vdc	ca. 850lm	typ. 6500K	>80	563-127-2765
		500mA	7,5W	15,0Vdc	ca. 1180lm			
Ø440x28mm ØTK-400mm	35	700mA	10,8W	15,5Vdc	ca. 1640lm	typ. 6500K	>80	563-127-2765
		1050mA	16,8W	16,0Vdc max. 17,0Vdc	ca. 2320lm			

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/chan nel	Eingangsstrom input current	typ. Nennleistung / Vf typ. rated power / Vf		Lichtstrom luminous flux	Farbtemp. colour temp.	CRI CRI	Artikel-Nr. item no.
$\varnothing 500 \times 28 \text{mm}$ $\varnothing \text{TK}-460 \text{mm}$	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	563-128-2700
$\varnothing 500 \times 28 \text{mm}$ $\varnothing \text{TK}-460 \text{mm}$	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	563-128-3000
$\varnothing 500 \times 28 \text{mm}$ $\varnothing \text{TK}-460 \text{mm}$	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	563-128-4000
$\varnothing 500 \times 28 \text{mm}$ $\varnothing \text{TK}-460 \text{mm}$	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	563-128-4500
$\varnothing 500 \times 28 \text{mm}$ $\varnothing \text{TK}-460 \text{mm}$	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	563-128-5000
$\varnothing 500 \times 28 \text{mm}$ $\varnothing \text{TK}-460 \text{mm}$	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	563-128-5600
$\varnothing 500 \times 28 \text{mm}$ $\varnothing \text{TK}-460 \text{mm}$	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	563-128-6500
$\varnothing 500 \times 28 \text{mm}$ $\varnothing \text{TK}-460 \text{mm}$	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	563-128-2765
$\varnothing 500 \times 28 \text{mm}$ $\varnothing \text{TK}-460 \text{mm}$	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	

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 **2009/125/EG**  
classification according to **2009/125/EC**

Energieeffizienzklasse **A+**  
energy efficiency class

