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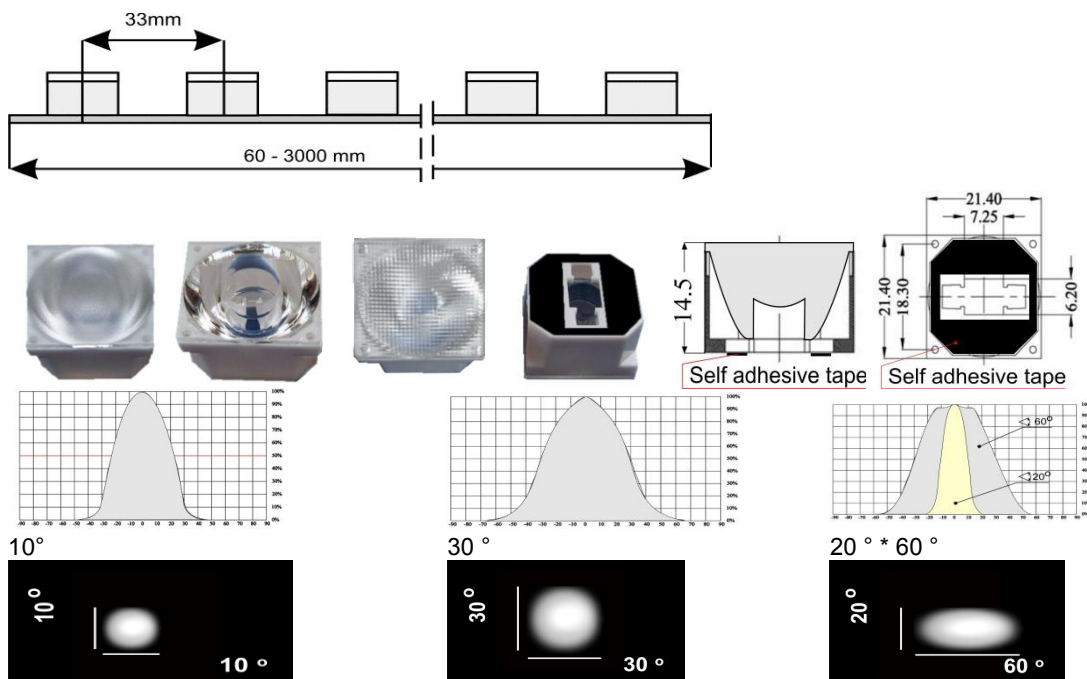
# LED Linsen | LED Lenses

## Anwendungen | Applications Lichtleisten mit Linsen | Light Bars with Lenses

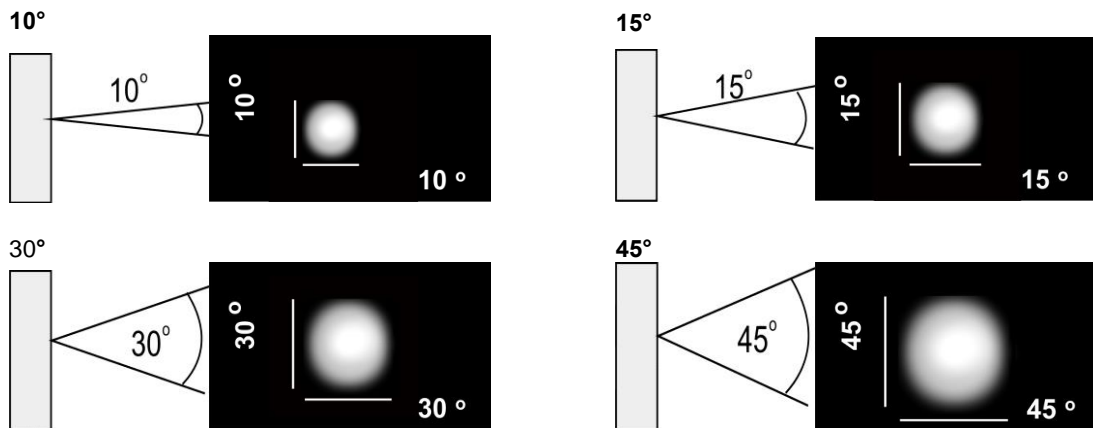


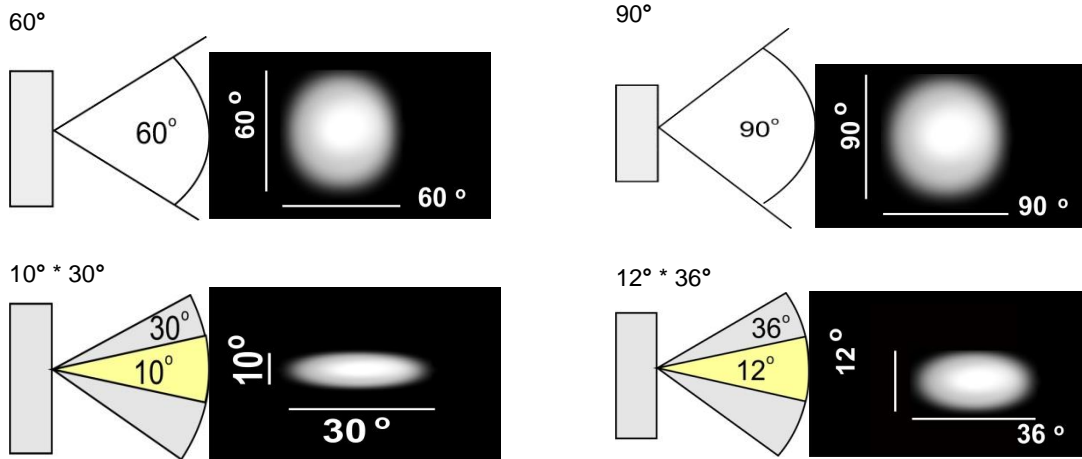
Auf Anfrage | On Request

L = 60 - 3000 mm

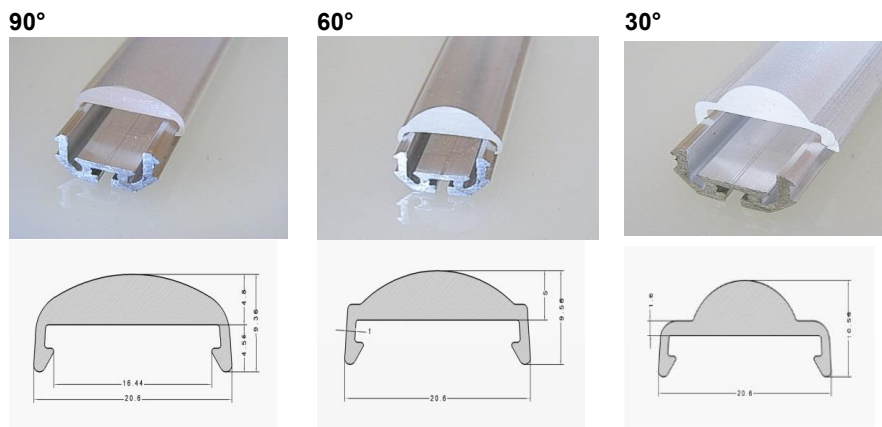


Strip	Watt/m	Lm/m	Lm/Watt
MDZ-A17	12,9	1350	105
MDZ-A19	16,3	1842	113

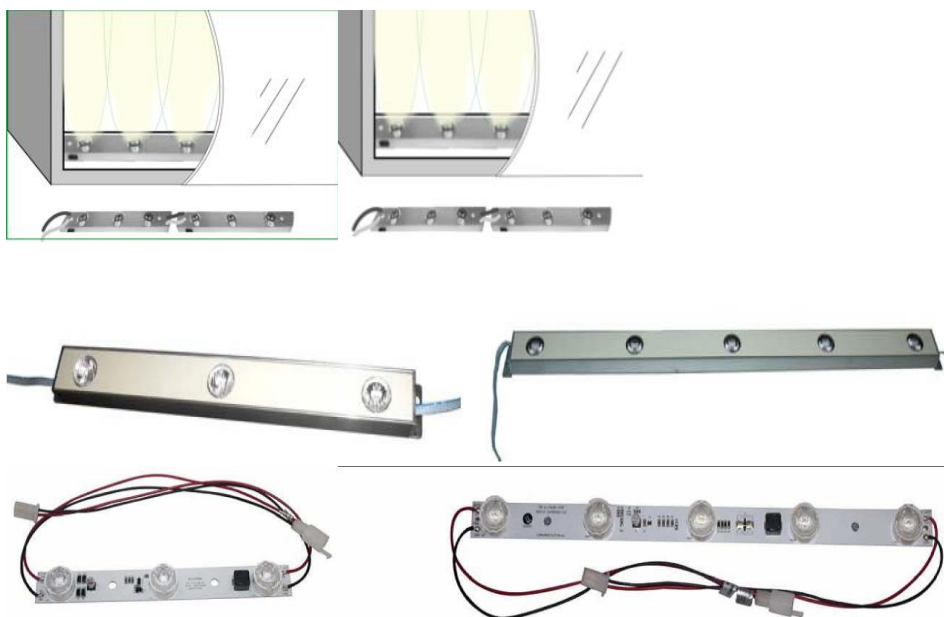




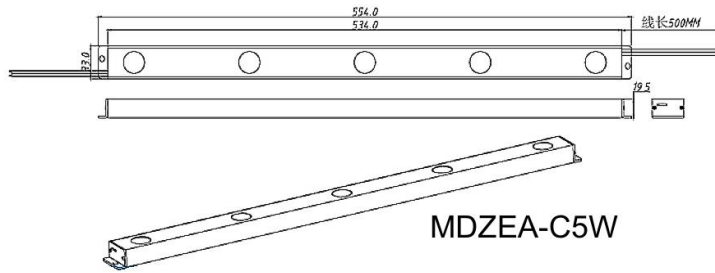
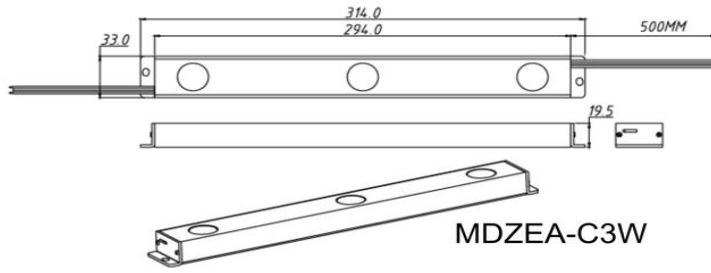
**Lichtleisten mit Linien LinsenLight | Bars with Linear Lenses**



**Posterbox Module für Leuchtkasten CREE LED Wasserdicht IP 65  
Posterbox Modules for Light Boxes CREE LED Waterproof IP 65**



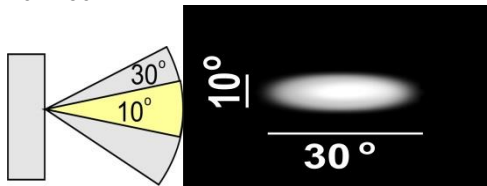
## CREE 3W Chip LED



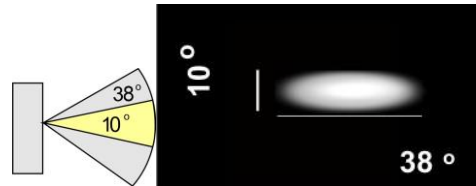
## Lichtbundel Winkel | Light Beam Angle

Typisch | Typical

10° \* 30°

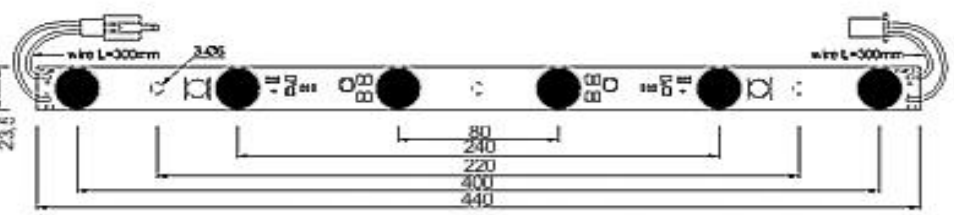
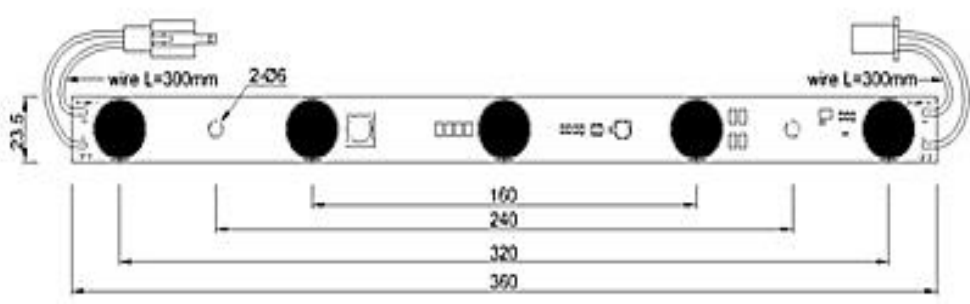
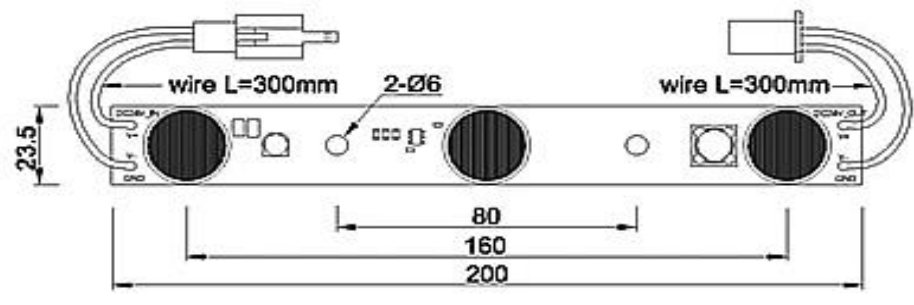
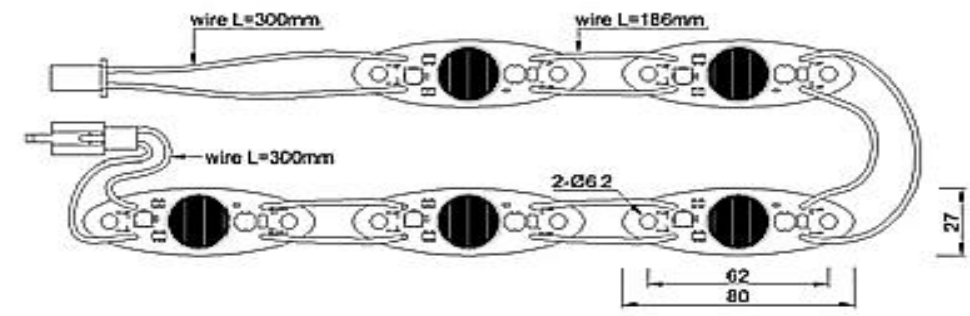
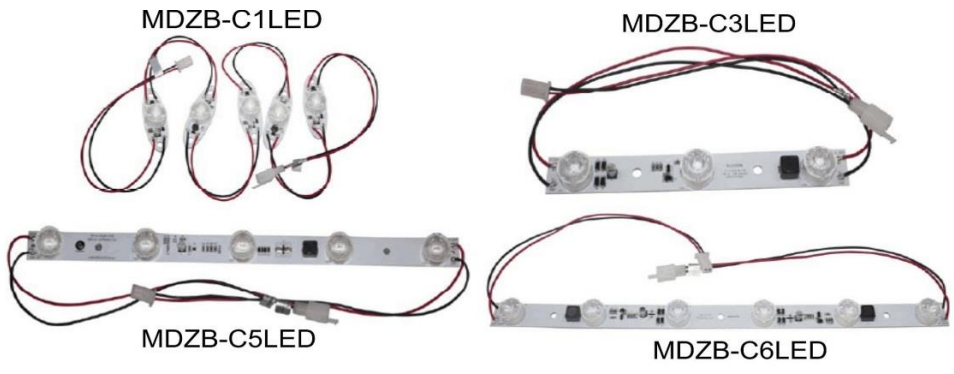


10° \* 38°

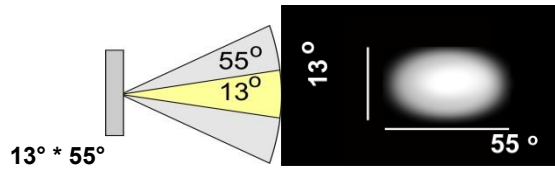


		MDZEA-C3LED	MDZEA-C5LED
<b>Maße   Dimensions [mm]</b>		314 x 33 x 19,5	554 x 33 x 19,5
<b>Leistung   Power [W]</b>		7,5 W	12,5 W
<b>Spannung   Voltage [V]</b>		24 V	24 V
<b>LED Menge   LED Quantity</b>		3	5
<b>LED Typ   LED Type</b>		CREE-XP Q5	CREE-XP Q5
<b>Lichtstrom   Luminous flux</b>	Warm White 2800-3300 K		
	Middle White 4000-4500 K	365lm	
	White 5500-6000 K		602lm

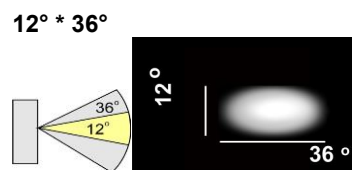
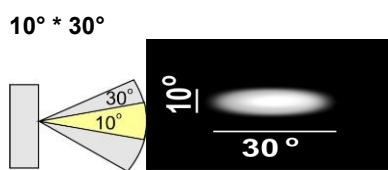
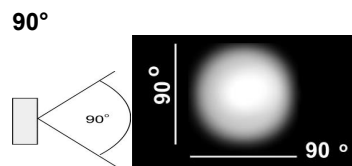
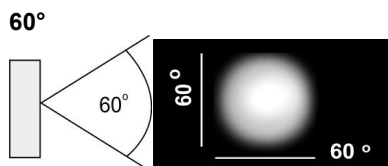
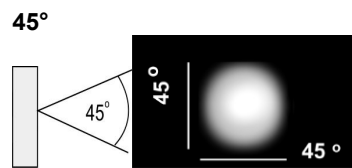
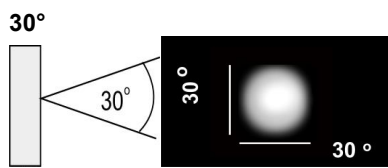
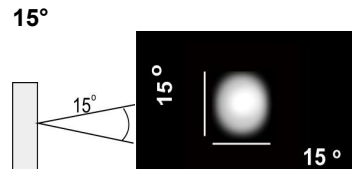
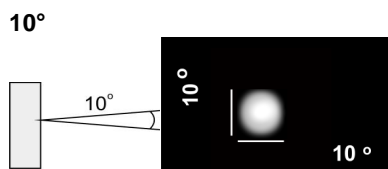
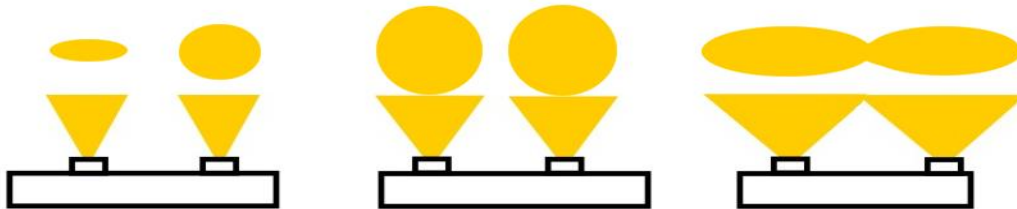
**Posterbox Module für Leuchtkasten CREE LED**  
**Posterbox Module for Light Boxes CREE LED**



Typisch | Typical

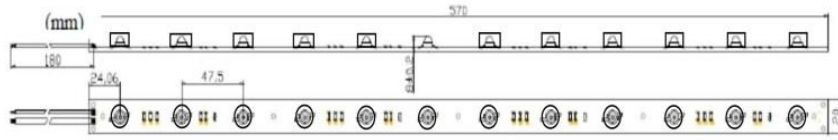


Auf Anfrage | On Request

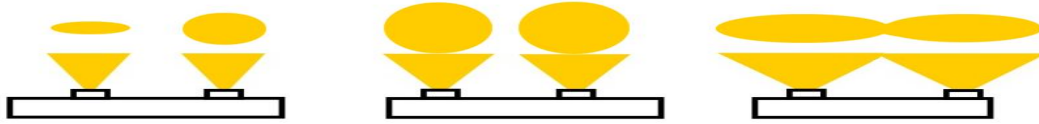


		MDZB-C1LED	MDZB-C3LED	MDZB-C5LED	MDZB-C6LED
<b>Maße   Dimensions [mm]</b>		80 x2 x14	200x23,5x14	360x23,5x14	440x23,5x14
<b>Leistung   Power [W]</b>		≤ 2,6 W	≤ 9 W		≤ 17W
<b>Spannung   Voltage [V]</b>		24 V	24 V	24 V	24 V
<b>LED Menge   LED Quantity</b>		1	3	5	6
<b>LED Typ   LED Type</b>		CREE-XP Q5	CREE-XP Q5	CREE-XP Q5	CREE-XP Q5
<b>Lichtstrom Luminous flux</b>	Warm White2800-3300 K				
	Middle White4000-4500 K				
	White 5500-6000 K	156 lm	663 lm	736 lm	1176 lm

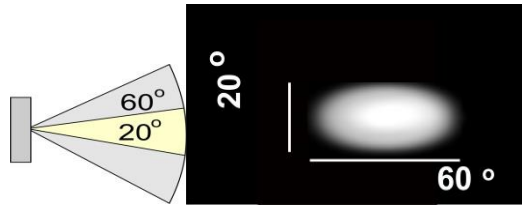
**MDZ11-HP1 A Mit Linsen | With Lenses**



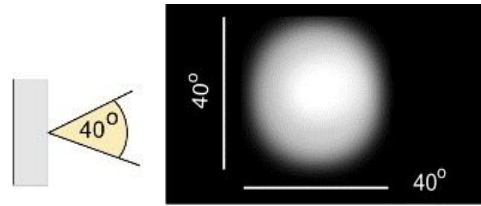
**Typisch | Typical**



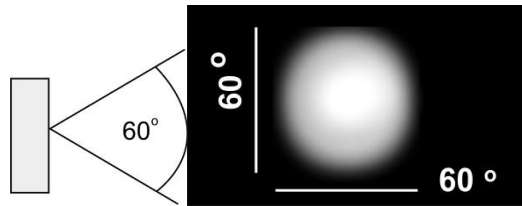
20° \* 60°



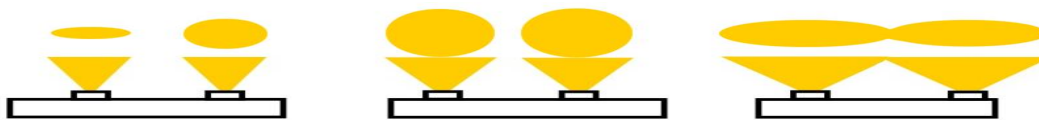
40°



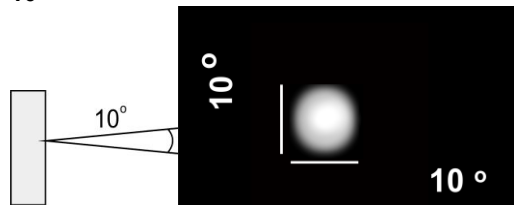
60°



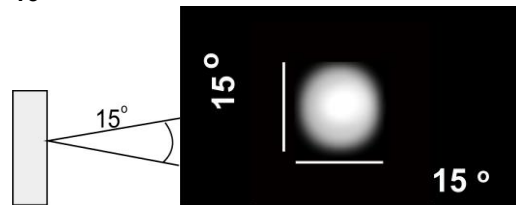
**Auf Anfrage | On Request**



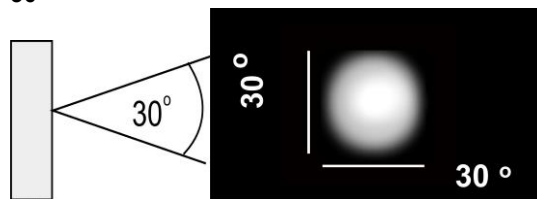
10°



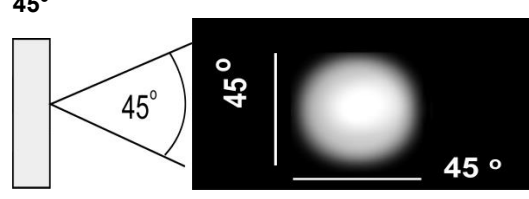
15°



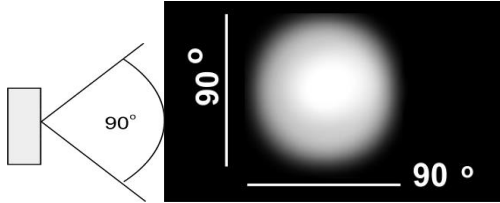
30°



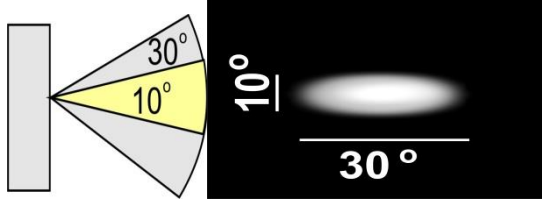
45°



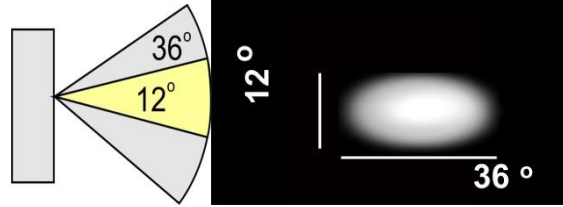
90°



10° \* 30°

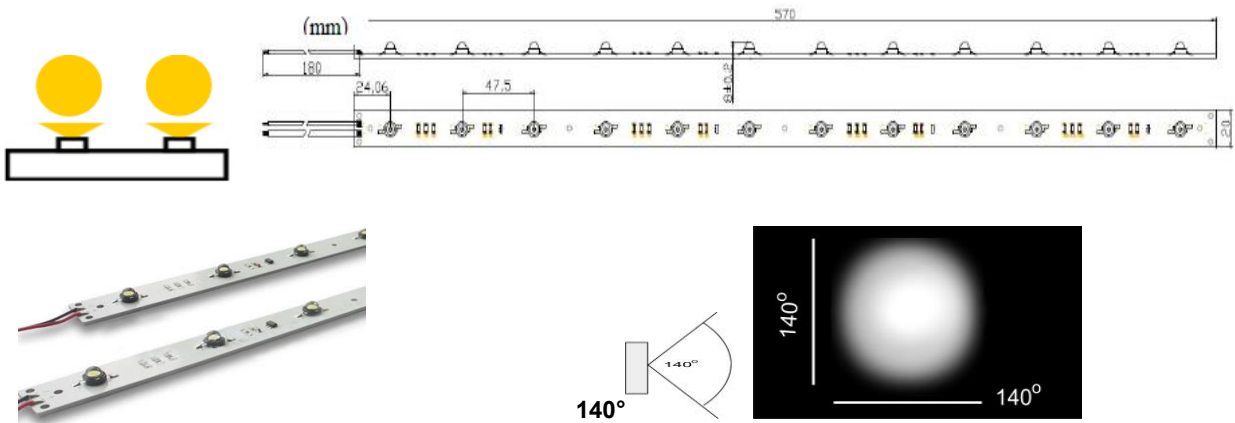


12° \* 36°



	MDZ11-HP1VA	MDZ11-HP1 PGA	MDZ11-HP1BA	MDZ11-HP1YA	MDZ11-HP1CWA	MDZ11-HP1WWA
<b>Maße   Dimensions [mm]</b>	570X20	570X20	570X20	570X20	570X20	570X20
<b>Leistung   Power [W]</b>	12 W	12 W	12 W	12 W	12 W	12 W
<b>Spannung   Voltage [V]</b>	12 V	12 V	12 V	12 V	12 V	12 V
<b>LED Menge   LED Quantity</b>	12	12	12	12	12	12
<b>LED Typ   LED Type</b>	12 X 1W	12 X 1W	12 X 1W	12 X 1W	12 X 1W	12 X 1W
<b>Lichtstrom Luminous flux</b>	RED 480 lm	GREEN 610 lm	BLUE 95 lm	YELLOW 380 lm	COOL WHITE 660 lm	WARM WHITE 610 lm

## MDZ11-HP1 ohne Linsen | Without Lenses



	MDZ11-HP1V	MDZ11-HP1 PG	MDZ11-HP1B	MDZ11-HP1Y	MDZ11-HP1CW	MDZ11-HP1WW
<b>Maße   Dimensions [mm]</b>	570X20	570X20	570X20	570X20	570X20	570X20
<b>Leistung   Power [W]</b>	12 W	12 W	12 W	12 W	12 W	12 W
<b>Spannung   Voltage [V]</b>	12 V	12 V	12 V	12 V	12 V	12 V
<b>LED Menge LED Quantity</b>	12	12	12	12	12	12
<b>LED Typ   LED Type</b>	12 X 1W	12 X 1W	12 X 1W	12 X 1W	12 X 1W	12 X 1W
<b>Lichtstrom Luminous flux</b>	RED 480 lm	GREEN 610 lm	BLUE 95 lm	YELLOW 380 lm	COOL WHITE 660 lm	WARM WHITE 610 lm