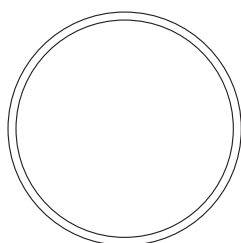
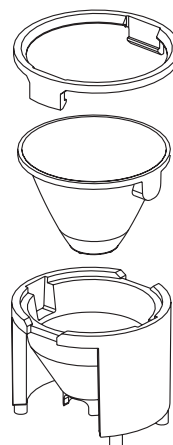



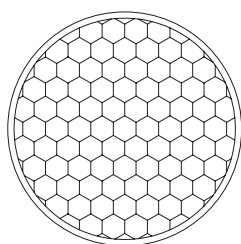



### KEPL269 Series

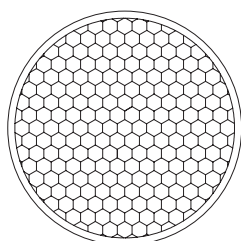
- ▶ Available in different beams
- ▶ High efficiency
- ▶ Patent pending
- ▶ Thermally stable (PC)
- ▶ Standard colour of collimator lenses white
- ▶ Collimator lenses are available in 9 colour options
- ▶ No vibration problems
- ▶ Custom version without mould cos




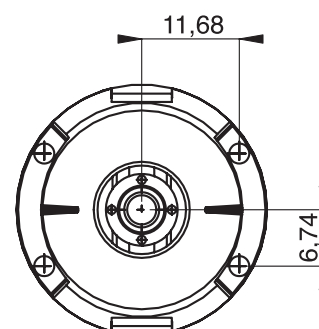
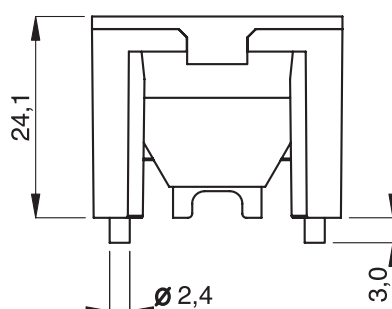
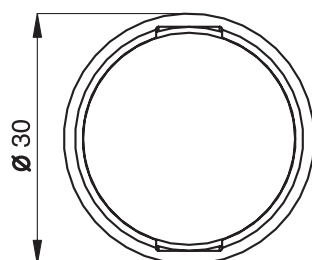
Part Number	Type	LED type	Degree		
					
			WHITE		
<b>KEPL 26906</b>	Narrow Beam	Z POWER LED™	7	9	11



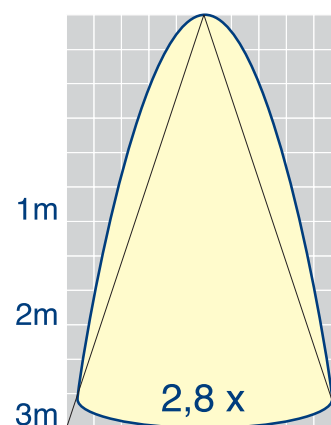
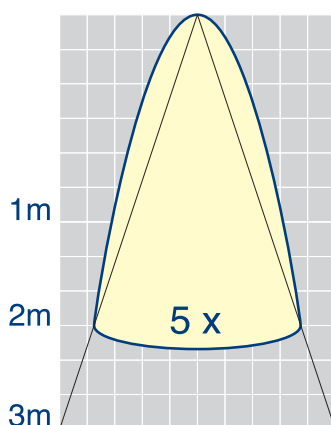
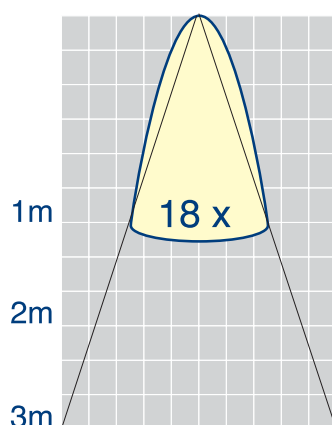
Part Number	Type	LED type	Degree		
					
			WHITE		
<b>KEPL 26925</b>	Medium Beam	Z POWER LED™	22	24	26



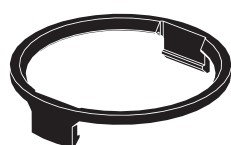
Part Number	Type	LED type	Degree		
					
			WHITE		
<b>KEPL 26940</b>	Wide Beam	Z POWER LED™	30	32	34



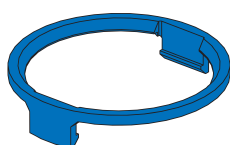
**Illuminance chart at various distances with Z POWER LED™**



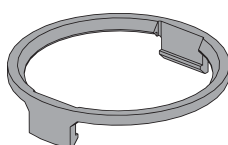
**On request**



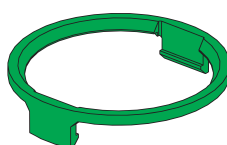
**KEPL269XX/01**



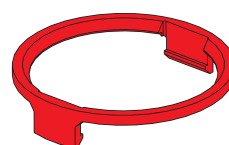
**KEPL269XX/02**



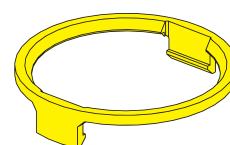
**KEPL269XX/03**



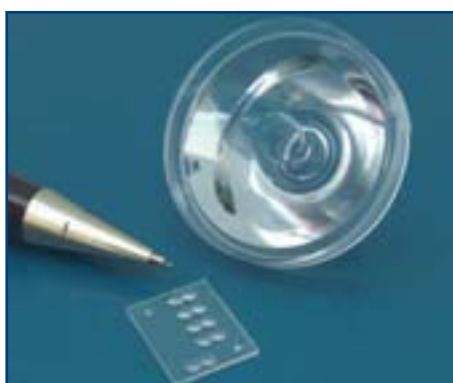
**KEPL269XX/04**



**KEPL269XX/05**



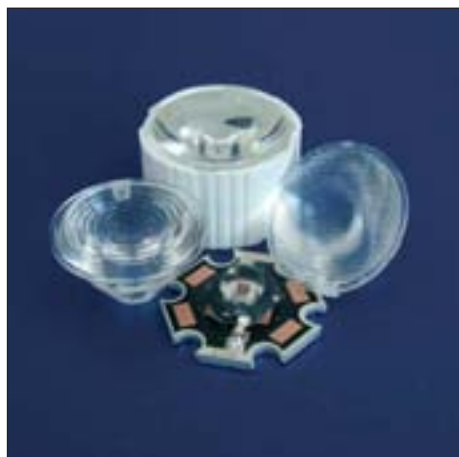
**KEPL269XX/06**



**– If you need more exact data, please contact Khatod for advice.**

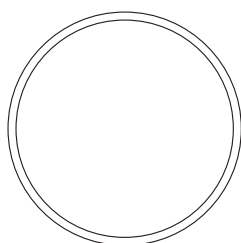
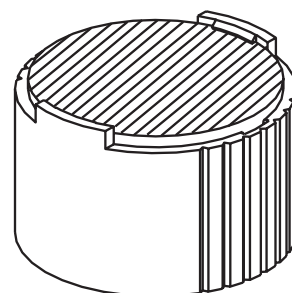
- X is the value of the measurement of the brightness of the LED at 1 meter of distance, without optic devices in front of the LED. Illuminance depends on: LED tolerances and LED flux binning.
- All characteristics shown on catalogue are not fixed and they could change without advise.
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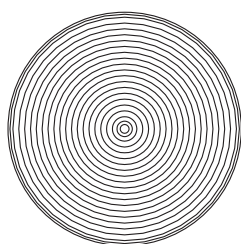



### KEPL198 Series

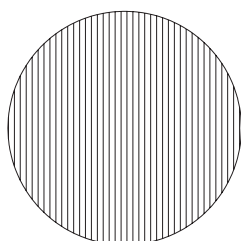
- ▶ Available in different beams
- ▶ Low profile High efficiency
- ▶ Thermally stable (PC)
- ▶ Standard colour of collimator lenses white
- ▶ Collimator lenses are available in 9 colour options
- ▶ Custom version without mould cost




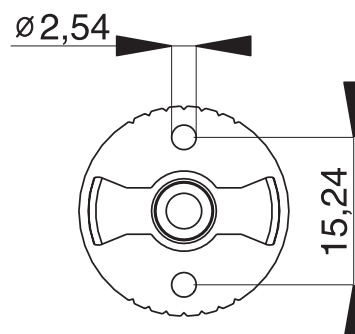
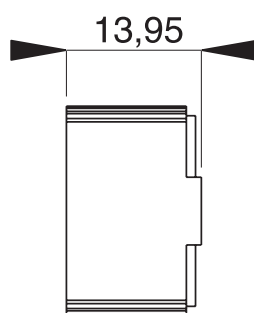
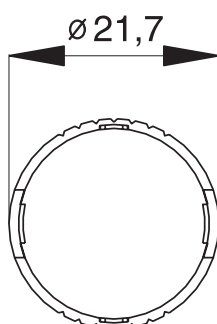
Part Number	Type	LED type	Degree		
					
			WHITE		
<b>KEPL 19806</b>	Narrow Beam	Z POWER LED™	10	12	14



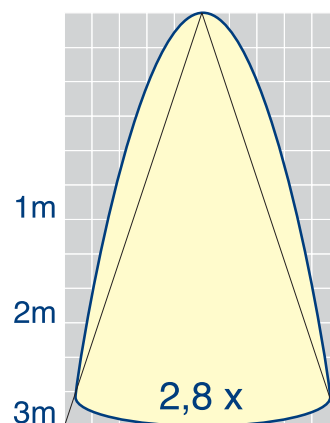
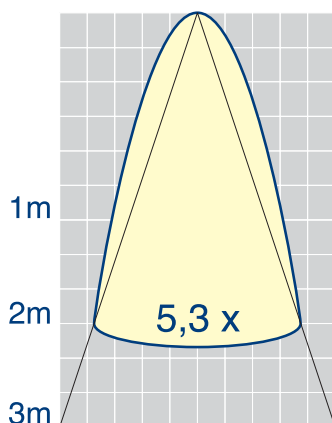
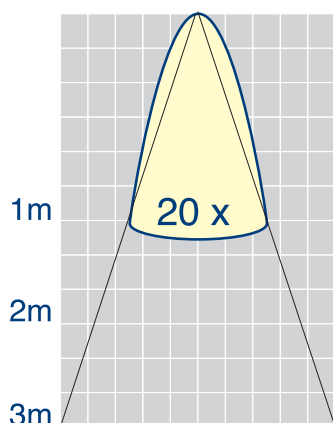
Part Number	Type	LED type	Degree		
					
			WHITE		
<b>KEPL 19825</b>	Medium Beam	Z POWER LED™	16	18	20



Part Number	Type	LED type	Degree		
					
			WHITE		
<b>KEPL 19840</b>	Elliptical Beam	Z POWER LED™	8x85	10x95	12x105



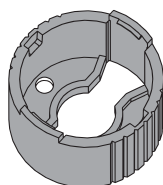
**Illuminance chart at various distances with Z POWER LED™**



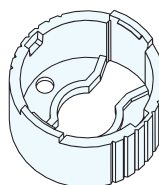
**On request**



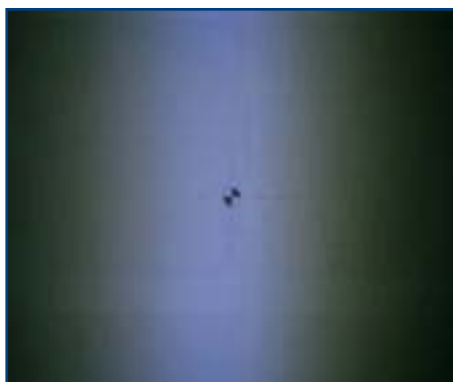
**KEPL198XX/01**



**KEPL198XX/02**



**KEPL198XX/03**



– **If you need more exact data, please contact Khatod for advice.**

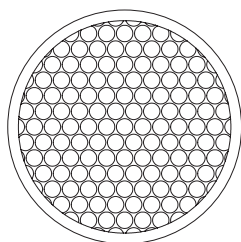
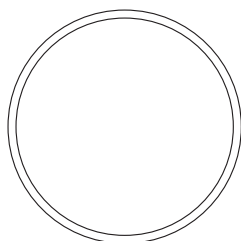
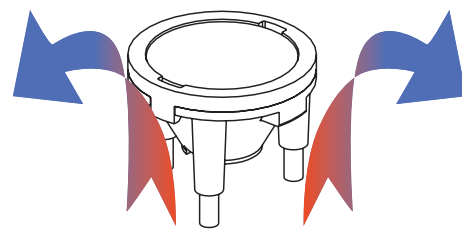
- X is the value of the measurement of the brightness of the LED at 1 meter of distance, without optic devices in front of the LED. Illuminance depends on: LED tolerances and LED flux binning.
- All characteristics shown on catalogue are not fixed and they could change without advise.
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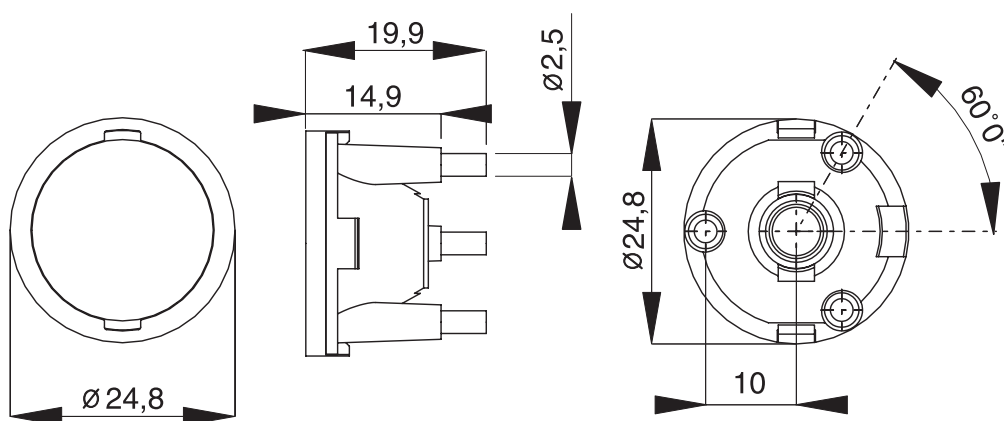
### KEPL23 Series

- ▶ Available in different beams
- ▶ High efficiency
- ▶ Patent pending
- ▶ Thermally stable (PC)
- ▶ Standard colour of collimator lenses white
- ▶ Collimator lenses are available in 9 colour options
- ▶ No vibration problems
- ▶ Custom version without mould cost

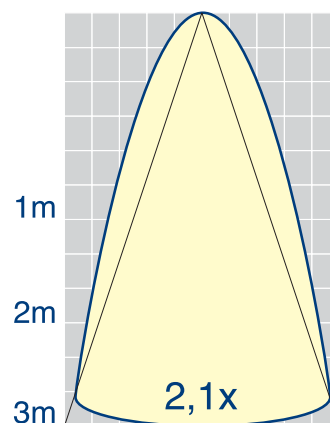
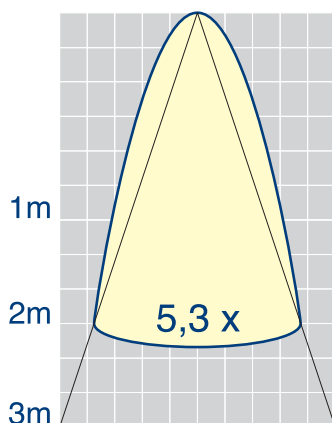
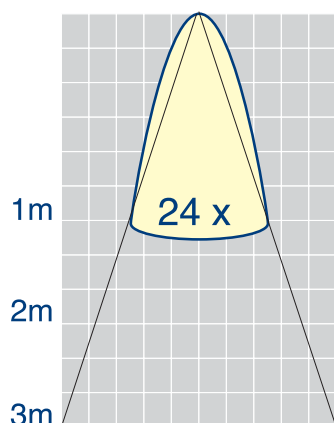


Part Number	Type	LED type	Degree		
					
			WHITE		
<b>KEPL 2306</b>	Narrow Beam	Z POWER LED™	6	8	10

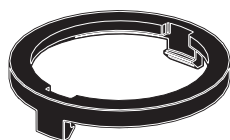
Part Number	Type	LED type	Degree		
					
			WHITE		
<b>KEPL 2325</b>	Medium Beam	Z POWER LED™	21	23	25



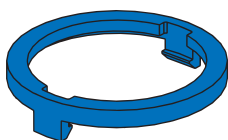
**Illuminance chart at various distances with Z POWER LED™**



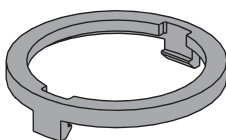
**On request**



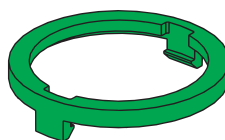
**KEPL23XX/01**



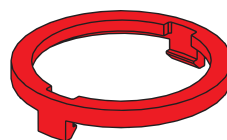
**KEPL23XX/02**



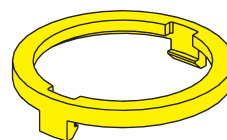
**KEPL23XX/03**



**KEPL23XX/04**



**KEPL23XX/05**



**KEPL23XX/06**



– **If you need more exact data, please contact Khatod for advice.**

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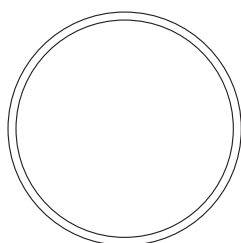
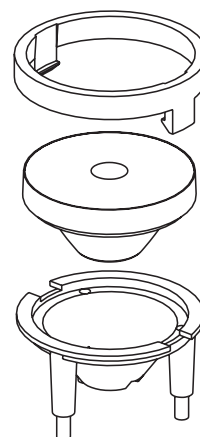
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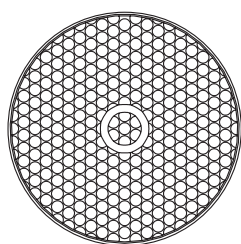



### KEPL304 Series

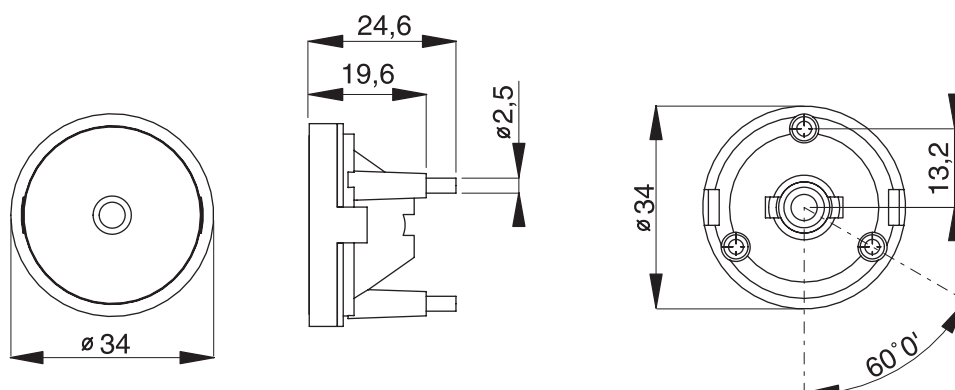
- ▶ Available in different beams
- ▶ High efficiency
- ▶ Patent pending
- ▶ Thermally stable (PC)
- ▶ Standard colour of collimator lenses white
- ▶ Collimator lenses are available in 9 colour options
- ▶ No vibration problems
- ▶ Custom version without mould cost



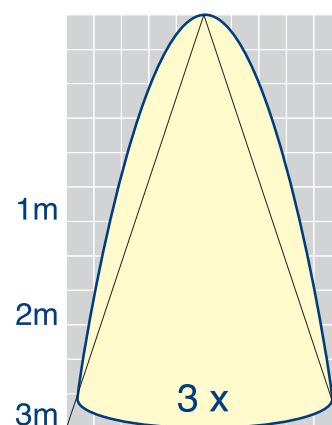
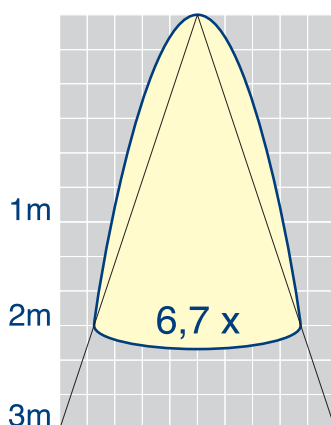
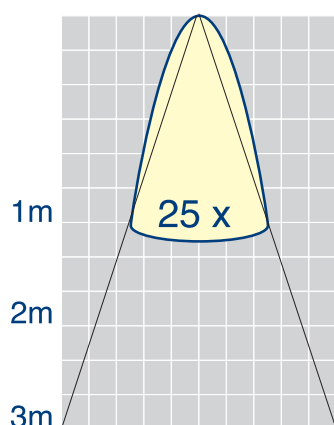
Part Number	Type	LED type	Degree		
					
			WHITE		
<b>KEPL 30406</b>	Narrow Beam	Z POWER LED™	9	11	13



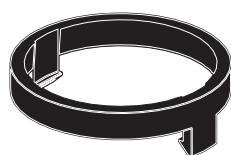
Part Number	Type	LED type	Degree		
					
			WHITE		
<b>KEPL 30425</b>	Medium Beam	Z POWER LED™	22	24	26



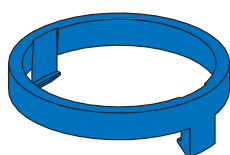
**Illuminance chart at various distances with Z POWER LED™**



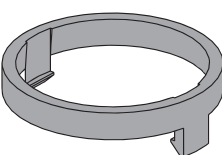
**On request**



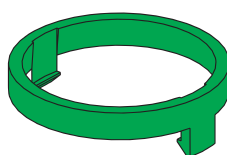
**KEPL304XX/01**



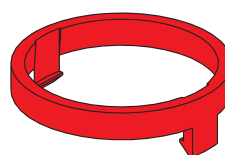
**KEPL304XX/02**



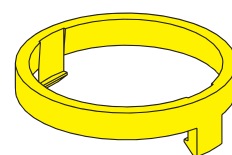
**KEPL304XX/03**



**KEPL304XX/04**



**KEPL304XX/05**



**KEPL304XX/06**



– **If you need more exact data, please contact Khatod for advice.**

- X is the value of the measurement of the brightness of the LED at 1 meter of distance, without optic devices in front of the LED. Illuminance depends on: LED tolerances and LED flux binning.
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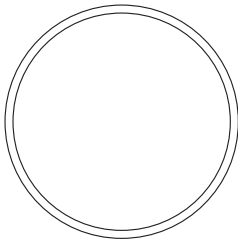
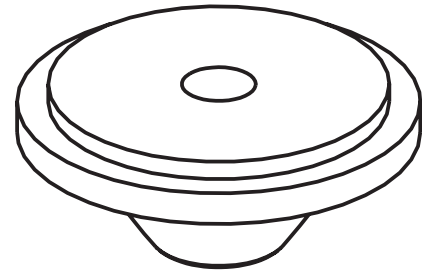
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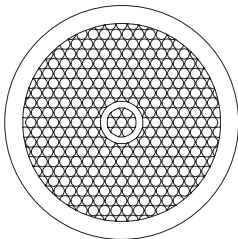



### KEPL35 Series

- ▶ Available in different beams
- ▶ High efficiency
- ▶ Patent pending
- ▶ Low profile
- ▶ Collimator lenses are available on request
- ▶ Standard for MR16

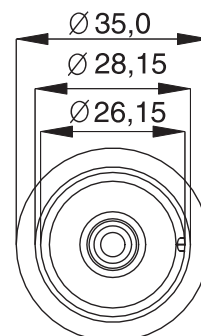
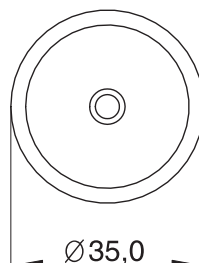
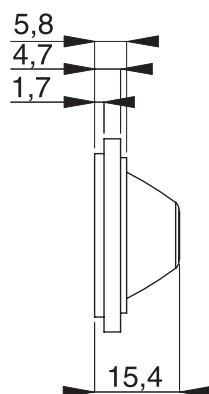


Part Number	Type	LED type	Degree		
			 WHITE		
<b>KEPL 3506</b>	Narrow Beam	LUXEON™ 1 W	10	13	15
<b>KEPL 3506</b>	Narrow Beam	LUXEON™ 3 W	9	11	13
<b>KEPL 3506</b>	Narrow Beam	Z POWER LED™	10	12	14
<b>KEPL 3506</b>	Narrow Beam	Golden DRAGON™	6	8	10
<b>KEPL 3506</b>	Narrow Beam	XLAMP™	16	19	21

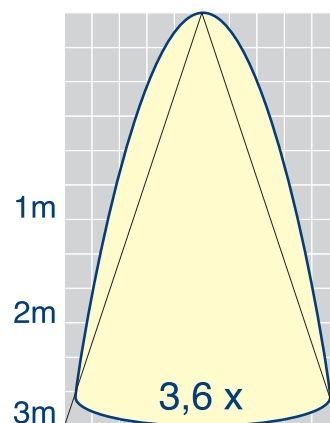
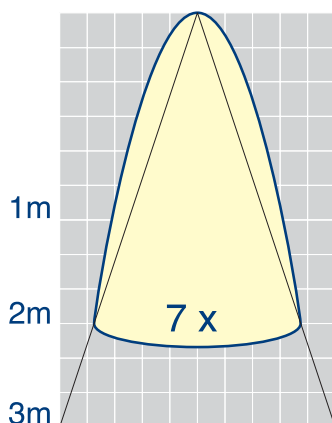
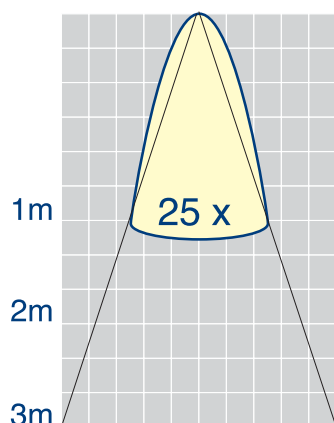


Part Number	Type	LED type	Degree		
			 WHITE		
<b>KEPL 3525</b>	Medium Beam	LUXEON™ 1 W	9	21	23
<b>KEPL 3525</b>	Medium Beam	LUXEON™ 3 W	25	27	29
<b>KEPL 3525</b>	Medium Beam	Z POWER LED™	19	21	23
<b>KEPL 3525</b>	Medium Beam	Golden DRAGON™	12	15	17
<b>KEPL 3525</b>	Medium Beam	CREE LED™	36	38	41

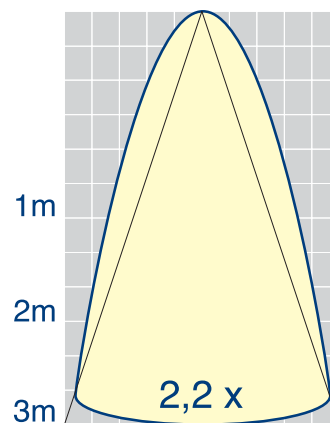
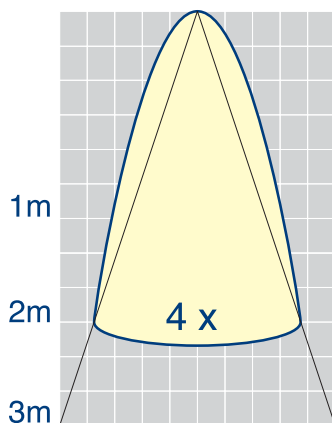
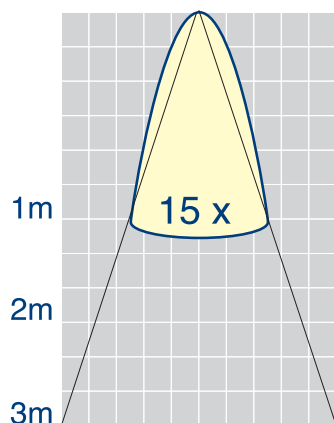
- **If you need more exact data, please contact Khatod for advice.**
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Illuminance depends on: LED tolerances and LED flux binning.



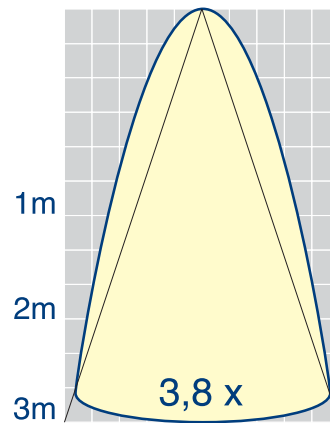
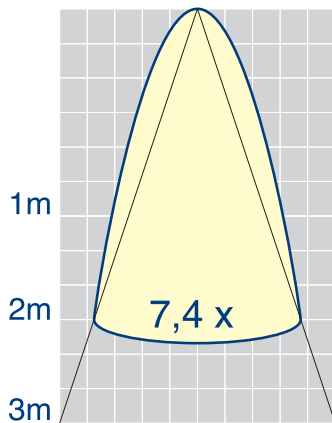
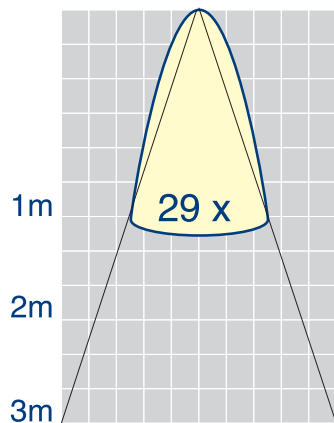
**Illuminance chart at various distances with LUXEON™ LED**



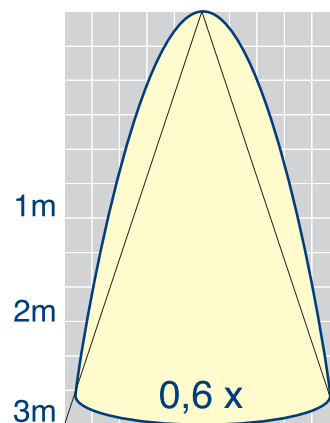
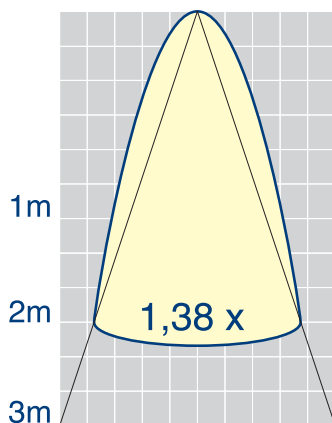
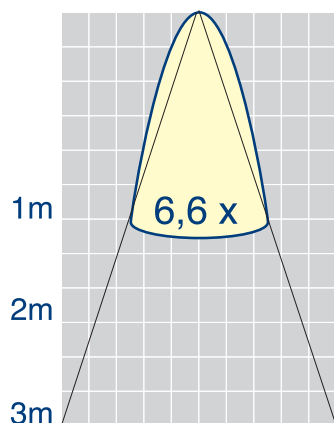
**Illuminance chart at various distances with Z POWER LED™**



**Illuminance chart at various distances with GOLDEN DRAGON™ LED**



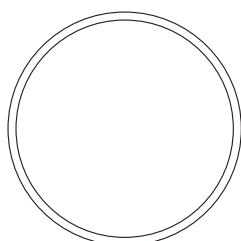
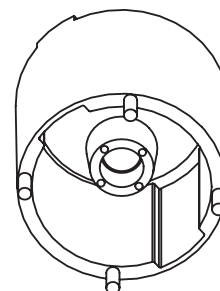
**Illuminance chart at various distances with XLAMP™**




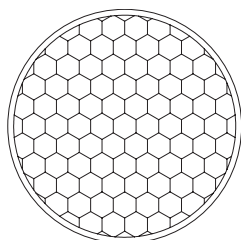



## KEPL296 Series

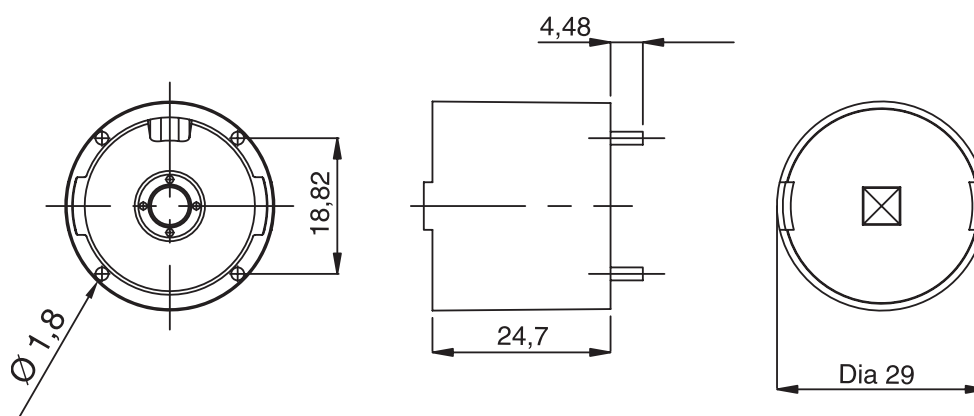
- ▶ Available in different beams
- ▶ High efficiency
- ▶ Low profile
- ▶ Patent pending
- ▶ Thermally stable (PC)
- ▶ Standard colour of collimator lenses white
- ▶ Collimator lenses are available in 9 colour options.
- ▶ Custom version without mould cost
- ▶ Available on request for different Power LED manufacturer

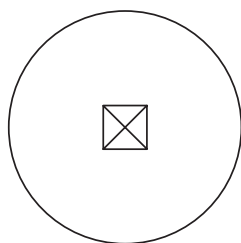



Part Number	Type	LED type	Degree		
			 WHITE		
<b>KEPL 29606</b>	Narrow Beam	Z POWER LED™	7	9	11
<b>KEPL 29606</b>	Narrow Beam	Golden DRAGON™	6	8	10
<b>KEPL 29606</b>	Narrow Beam	XLAMP™	10	12	14

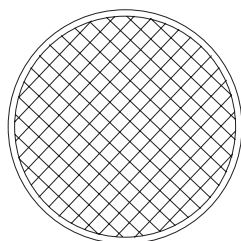



Part Number	Type	LED type	Degree		
			 WHITE		
<b>KEPL 29625</b>	Wide Beam	Z POWER LED™	22	24	26
<b>KEPL 29625</b>	Wide Beam	Golden DRAGON™	16	18	20
<b>KEPL 29625</b>	Wide Beam	XLAMP™	15	18	20

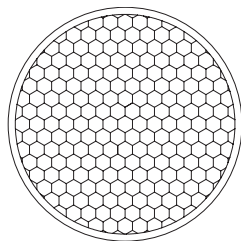





Part Number	Type	LED type	Degree		
			 WHITE		
<b>KEPL 296SQ</b>	Narrow Beam	Z POWER LED™	9	11	13
<b>KEPL 296SQ</b>	Narrow Beam	GOLDEN DRAGON™	8	10	12
<b>KEPL 296SQ</b>	Narrow Beam	XLAMP™	15	18	20



Part Number	Type	LED type	Degree		
			 WHITE		
<b>KEPL 296CH</b>		Z POWER LED™			
<b>KEPL 296CH</b>		GOLDEN DRAGON™			
<b>KEPL 296CH</b>		XLAMP™			



Part Number	Type	LED type	Degree		
			 WHITE		
<b>KEPL 29640</b>	Medium Beam	Z POWER LED™	16	18	20
<b>KEPL 29640</b>	Medium Beam	GOLDEN DRAGON™	14	16	18
<b>KEPL 29640</b>	Medium Beam	XLAMP™	16	18	20

At the publication's date of the present catalogue, our department of Research and Development, which is collaborating with 10 constructor companies of LED Power, is working for realization of new families of lenses and collimators.  
If the LED you use is not present among the series here below illustrated, you are invited to visit our website **www.khatod.com** or to contact our department R&D at the following email address **khatod@khatod.com**

– **If you need more exact data, please contact Khatod for advice.**

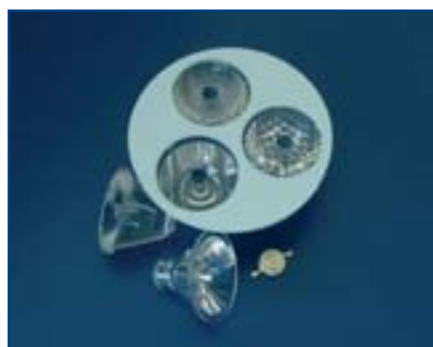
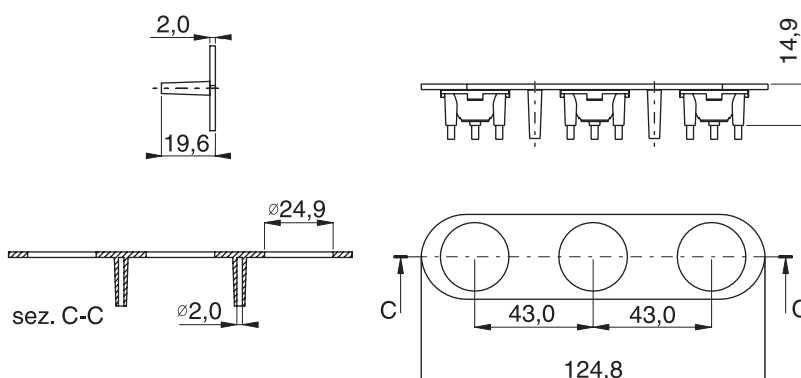
- X is the value of the measurement of the brightness of the LED at 1 meter of distance, without optic devices in front of the LED. Illuminance depends on: LED tolerances and LED flux binning.
- All characteristics shown on catalogue are not fixed and they could change without advise.
- Information shown on the following catalogue are based on the laboratory's tests of Khatod Optoelectronic. They have no value if they are not subordinated to the same identical test's conditions.

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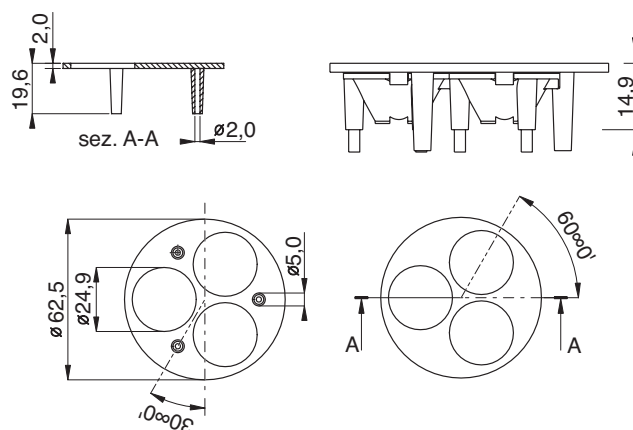
**PLKE3XXX**

Choose your lens type between KEPL22, KEPL23, KEPL24 in according your LEDs, and puts it to place XXXX.



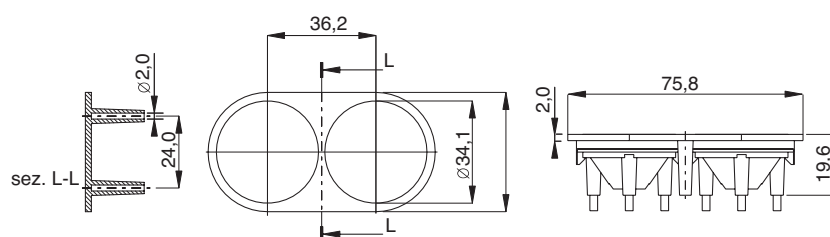
**PLKT3XXX**

Choose your lens type between KEPL22, KEPL23, KEPL24 in according your LEDs, and puts it to place XXXX.



**PLK2XXXX**

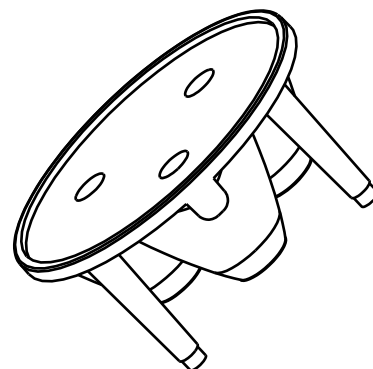
Choose your lens type between KEPL303, KEPL304 in according your LEDs, and puts it to place XXXX.



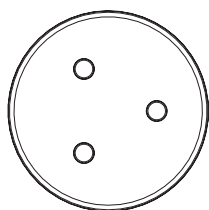



### PL351 Series

- ▶ Available in different beams
- ▶ High efficiency
- ▶ Low profile
- ▶ Patent pending
- ▶ Thermally stable (PC)
- ▶ Collimator lenses are available on request
- ▶ Custom version without mould cost
- ▶ Available on request for different Power LED manufacturer

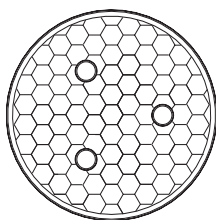



#### NARROW



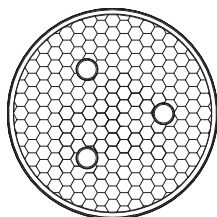
Part Number	Type	LED type	Degree		
			 WHITE		
<b>PL35106</b>	Narrow Beam	Z POWER LED™	7	9	11

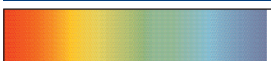
#### MEDIUM

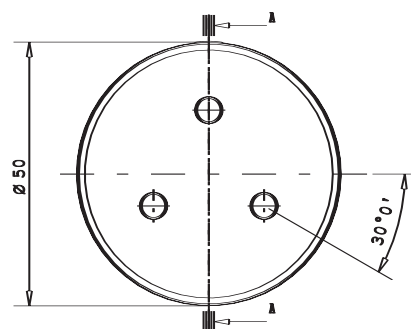
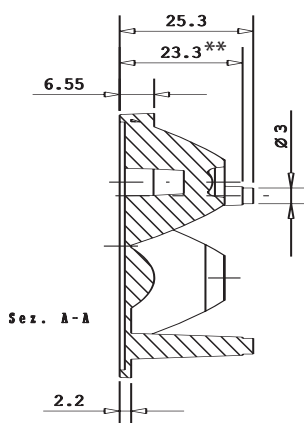
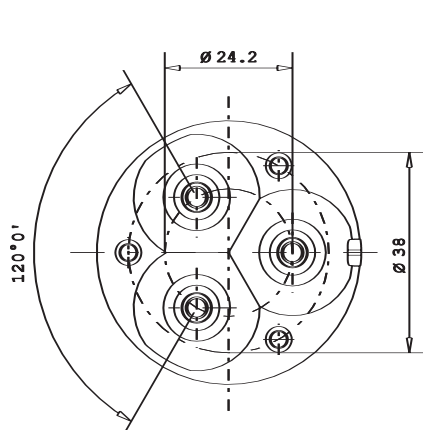


Part Number	Type	LED type	Degree		
			 WHITE		
<b>PL35125</b>	Medium Beam	Z POWER LED™	18	20	23

#### WIDE

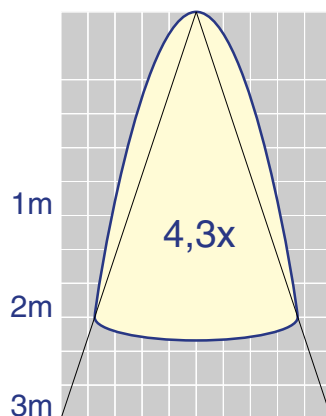
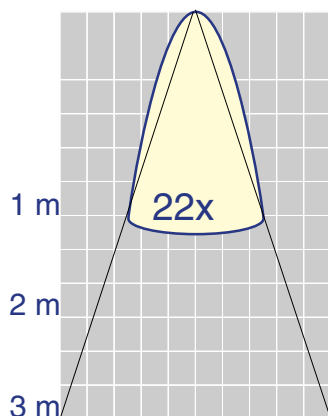


Part Number	Type	LED type	Degree		
			 WHITE		
<b>PL35140</b>	Wide Beam	Z POWER LED™	28	30	32

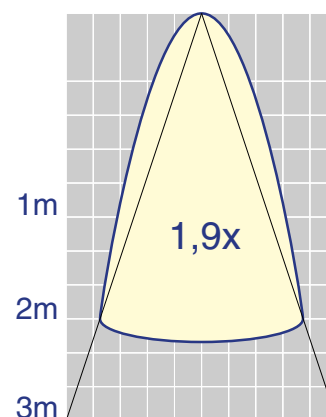
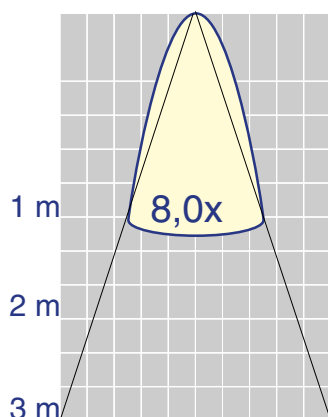




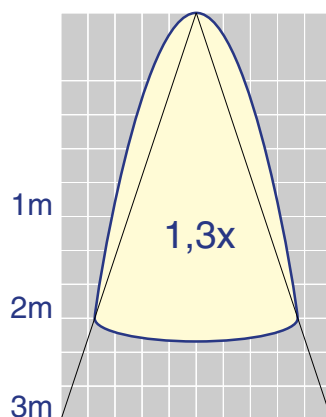
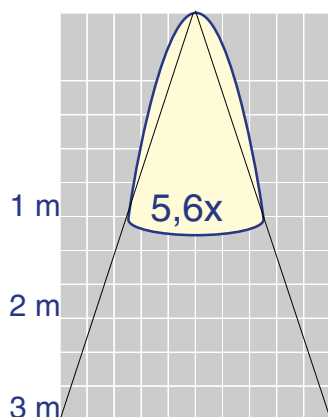
**Illuminance chart at various distances with PL35106**



**Illuminance chart at various distances with PL35125**



**Illuminance chart at various distances with PL35140**



**– If you need more exact data, please contact Khatod for advice.**

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Illuminance depends on: LED tolerances and LED flux binning.

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