

# LUXEON® K2 20mm range

Part No.	Description	White			TTFC White			Red/Amber			Cyan/Green		
		FWHM	EFF	Cd/lm	FWHM	EFF	Cd/lm	FWHM	EFF	Cd/lm	FWHM	EFF	Cd/lm
10003	Plain Tight	7.9	84%	28	7	85%	28.7	8.2	89%	28	8.6	91%	18
10138	Frosted Narrow	15	88%	9.2	10	88.3%	17.5	11	89%	18	14	89%	8.7
10003/15	Ripple Medium	19	82%	5.4	27	84%	4.4	13	90%	11	14	90%	7.3
10139	Frosted Medium	20	80%	4.1	18	87.4%	5.4	20	90%	6.1	20	88%	3.9
10003/25	Ripple Wide	32	81%	2.3	42	87.2%	2.1	15	90%	5.2	18	90%	3.3
10140	Frosted Wide												
10170	Wide angle reflector	70	92%	0.73	69	92.5%	0.87	72	91%	2.2	62	91.5%	0.7
10003/L25	Elliptical	39 X 10	80%	4.4	44 x 8	87.8%	6.62	38 x 11	89%	7.0	40 x 13.7	89%	3.8
10192	Elliptical Orthogonal*	10 X 39	80%	4.4	48 x 8	88.9%	5.8	11 x 38	89%	7.0	13.7 x 40	89%	3.8
10034	Fibre	Optimised for coupling into 0.5NA fibre bundles of 8 - 12mm diameter											

\*Orthogonal is the elliptical beam turned through 90deg.

#Full Width Half Maximum i.e. total viewing angle

**Please not the 10140 does not current fit on a K2**



Part No.	Colour	Description
10119	Black	Holder Circular
10120	Clear	Holder Circular
10121	White	Holder Circular
10272	White	50mm Triple holder long leg
10282	White	50 mm Triple holder short leg
10292	Black	50 mm Triple holder Long leg
10302	Black	50 mm Triple holder short leg

## Carclo Technical Plastics (Slough)

04 April 2008

111 Buckingham Avenue, Slough, Berkshire SL1 4PF ENGLAND. Web: [www.carclo-optics.com](http://www.carclo-optics.com)

e-mail: [sales@carclo-optics.com](mailto:sales@carclo-optics.com) Tel: 0044 (0) 1753 575011 Fax: 0044 (0) 1753 811359

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# LUXEON® K2 20mm assembled to holder 10119

Part No.	Description	White			TTFC White			Red/Amber			Cyan/Green		
		FWHM#	EFF	Cd/lm	FWHM#	EFF	Cd/lm	FWHM#	EFF	Cd/lm	FWHM#	EFF	Cd/lm
10827	Plain Tight	7.9	84%	28	7	855	28.7	8.2	89%	28	8.6	91%	18
10828	Frosted Narrow	15	88%	9.2	10	88%	17.5	11	89%	18	14	89%	8.7
10829	Ripple Medium	19	82%	5.4	27	84%	4.4	13	90%	11	14	90%	7.3
10830	Frosted Medium	20	80%	4.1	18	87%	5.4	20	90%	6.1	20	88%	3.9
10831	Ripple Wide	32	81%	2.3	42	87%	2.1	15	90%	5.2	18	90%	3.3
10832	Frosted Wide												
10833	Wide angle reflector	70	92%	0.73	69	92%	0.71	72	91%	2.2	62	91%	0.7
10834	Elliptical	39 X 10	80%	4.4	44 X 8	87%	6.62	38 X 11	89%	7	40 X 14	89%	3.8
10835	Elliptical Orthogonal*	10 X 39	80%	4.4	8 X 44	88%	5.8	11 X 38	89%	7	14 X 40	89%	3.8

\*Orthogonal is the elliptical beam turned through 90deg.

#Full Width Half Maximum i.e. total viewing angle

Please not the 10140 does not current fit on a K2



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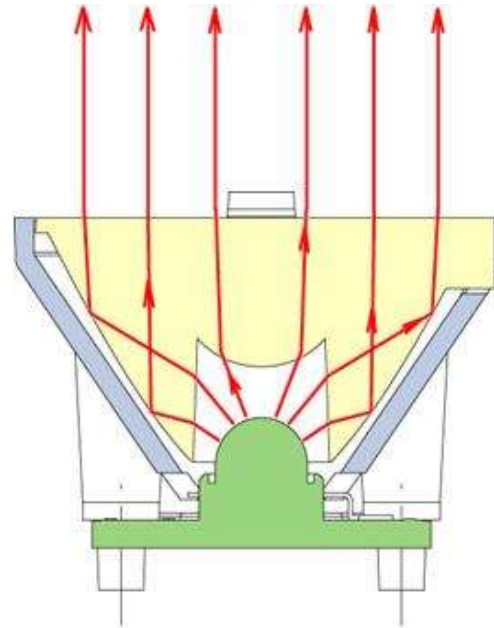
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# LUXEON® K2 26.5mm range

Part No.	Description	White			Natural White			Red/Amber			Cyan/Green		
		FWHM#	EFF	Cd/lm	FWHM#	EFF	Cd/l <sub>cdlm</sub>	FWHM#	EFF	Cd/lm	FWHM#	EFF	Cd/lm
10048	Plain Tight	6.5	85%	48	7.1	89%	43	6.6	89%	30	6.9	90%	45
10124	Frosted Narrow	7.9	86%	33	5	85%	20	10.2	89%	27	9.4	89%	20
10108	Frosted Medium	18	83%	5.8	21	86%	4.6	19	86%	6	19	85%	4.2
10260	Frosted Wide												
10049	Elliptical	40 x 8.7	89%	7.0	43 x 7.6	86%	7.9	40 x 7.3	86%	10.3	41 x 7.5	87%	7.8
10224	Elliptical Orthogonal*	8.7 x 40	89%	7.0	8.3 x 48	85%	6.9	7.3 x 40	86%	10.3	7.5 x 41	87%	7.8
10234	Elliptical Ramp optic	46 x 7.4	90%	7.5	45 x 7.6	89%	7.9	45 x 7.4	90%	8.7	45 x 7.4	88%	7.8

\*Orthogonal is the elliptical beam turned through 90deg.  
#Full Width Half Maximum i.e. total viewing angle



Part No.	Colour	Description
10122	Black	Holder Circular
10123	White	Holder Circular
10230	Black	With stake able legs
10231	White	With stake able legs
10232	Black	legs flat on Board
10233	White	legs flat on Board
10256	Black	K2 legged with 2.4 feet
10257	White	K2 legged with 2.4 feet
10258	Black	K2 Legged with 1.2 Feet
10259	White	K2 Legged with 1.2 Feet

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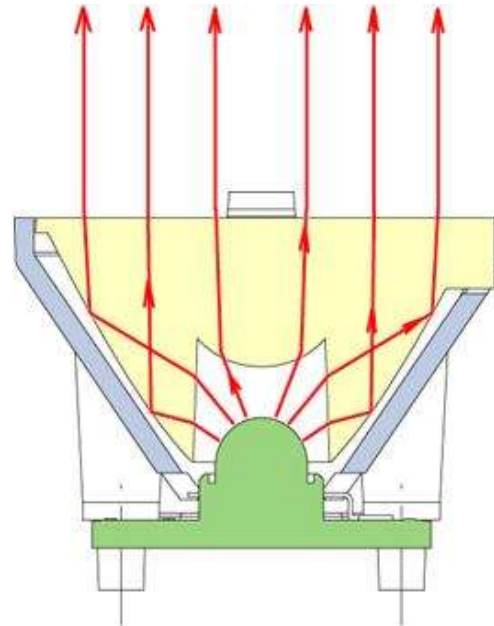
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# LUXEON® K2 26.5mm assembled in holder 10230

Part No.	Description	White			Natural White			Red/Amber			Cyan/Green		
		FWHM#	EFF	Cd/lm	FWHM#	EFF	Cd/l <sub>cdlim</sub>	FWHM#	EFF	Cd/lm	FWHM#	EFF	Cd/lm
10915	Plain Tight	6.5	85%	48	7.1	89%	43	6.6	89%	30	6.9	90%	45
10916	Frosted Narrow	7.9	86%	33	5	85%	20	10.2	89%	27	9.4	89%	20
10917	Frosted Medium	18	83%	5.8	21	86%	4.6	19	86%	6	19	85%	4.2
10918	Frosted Wide												
10919	Elliptical	40 x 8.7	89%	7.0	43 x 7.6	86%	7.9	40 x 7.3	86%	10.3	41 x 7.5	87%	7.8
10920	Elliptical Orthogonal*	8.7 x 40	89%	7.0	8.3 x 48	85%	6.9	7.3 x 40	86%	10.3	7.5 x 41	87%	7.8
10921	Elliptical Ramp optic	46 x 7.4	90%	7.5	45 x 7.6	89%	7.9	45 x 7.4	90%	8.7	45 x 7.4	88%	7.8

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 #Full Width Half Maximum i.e. total viewing angle



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