DEIKO

Data sheet

RAGNI

Electrical characteristics

- Power current up to 700mA.
- Voltage range: from 21 V to 234 V.
- Electrical class: I & II.
- Standard electrical shock resistance: 6/10 kV (diff/comm).

LED characteristics

- Type: CMS.
- Luminous flux maintenance: L90 B10 100 000 hrs.
- 3000K/4000K/5700K/2700K: CRI >70 - 2200K: CRI >80 - Amber, no CRI.
- ULR 0% (ULR: Upward Light Ratio).
- Photobiological hazard: RG1.

Powers and luminous intensities

	1700K (Amber) Number of LED	Nominal flux(1) (lm)	Nominal eff.(1) (lm/W)	350 mA			500 mA			700mA		
				P_t (W)(2)	Φ (lm)(2)	(lm/W)(2)	P_t (W)(2)	Φ (lm)(2)	(lm/W)(2)	P_t (W)(2)	Φ (lm)(2)	(lm/W)(2)
DEIKO S	16	3120	109	17	1574	93	24	2154	90	35	2883	83
DEIKO M	32	6240	113	33	3149	96	47	4308	92	66	5766	88
DEIKO M	48	9360	114	49	4723	97	70	6462	93	98	8649	89
DEIKO M	64	12480	117	63	6298	100	91	8615	95	129	11532	90
DEIKO M	80	15600	118	78	7872	101	112	10769	97	159	14414	91

	2200K Number of LED	Nominal flux(1) (lm)	Nominal eff.(1) (lm/W)	350 mA			500 mA			700mA			Energy efficiency class
				P_t (W)(2)	Φ (lm)(2)	(lm/W)(2)	P_t (W)(2)	Φ (lm)(2)	(lm/W)(2)	P_t (W)(2)	Φ (lm)(2)	(lm/W)(2)	
DEIKO S	8	1960	115	10	972	98	14	1333	96	19	1811	96	E
DEIKO S	12	2940	118	15	1458	98	20	2000	100	27	2717	101	E
DEIKO S	16	3920	120	19	1862	98	26	2668	103	36	3622	101	E
DEIKO S	24	5880	128	27	2917	109	38	4001	106	52	5433	105	E
DEIKO M	32	7840	131	35	3889	112	49	5335	109	69	7244	105	E
DEIKO M	48	11760	134	51	5834	115	73	8003	110	103	10866	106	E
DEIKO M	64	15680	134	68	7779	115	96	10670	112	136	14488	107	E
DEIKO M	80	19600	136	84	9723	116	120	13338	112	172	18110	106	E

	2700K Number of LED	Nominal flux(1) (lm)	Nominal eff.(1) (lm/W)	350 mA			500 mA			700mA			Energy efficiency class
				P_t (W)(2)	Φ (lm)(2)	(lm/W)(2)	P_t (W)(2)	Φ (lm)(2)	(lm/W)(2)	P_t (W)(2)	Φ (lm)(2)	(lm/W)(2)	
DEIKO S	8	2275	132	10	1128	113	14	1548	111	19	2102	111	D
DEIKO S	12	3413	137	15	1693	113	20	2322	117	27	3154	117	D
DEIKO S	16	4550	141	19	2257	119	26	3096	120	36	4204	117	D
DEIKO S	24	6825	147	27	3386	126	38	4645	123	52	6306	122	D
DEIKO M	32	9100	152	35	4515	129	49	6192	127	69	8408	122	D
DEIKO M	48	13650	156	51	6772	133	73	9289	128	103	12613	123	D
DEIKO M	64	18200	156	68	9029	133	96	12385	130	136	16817	124	D
DEIKO M	80	22750	158	84	11286	135	120	15482	130	172	21021	123	D

(1) Maximum LED flux at operating temperature including driver consumption.
(2) Actual luminaire output data at operating temperature including driver consumption, optical accessories. A tolerance on the data is allowed in accordance with IEC 62717 and IEC 62722.

DEIKO

Data sheet

RAGNI

Powers and luminous intensities

	3000K Number of LED	Nominal flux(1) (lm)	Nominal eff.(1) (lm/W)	350 mA			500 mA			700mA			Energy efficiency class
				P_t (W)(2)	Φ (lm)(2)	(lm/W)(2)	P_t (W)(2)	Φ (lm)(2)	(lm/W)(2)	P_t (W)(2)	Φ (lm)(2)	(lm/W)(2)	
DEIKO S	8	2440	142	10	1210	121	14	1660	119	19	2255	119	D
	12	3660	147	15	1816	122	20	2491	125	27	3382	126	D
	16	4880	150	19	2421	128	26	3321	128	36	4509	126	D
	24	7320	158	27	3631	135	38	4981	132	52	6764	131	D
DEIKO M	32	9760	162	35	4842	139	49	6642	136	69	9018	131	D
	48	14640	168	51	7263	143	73	9963	137	103	13527	132	D
	64	19520	168	68	9684	143	96	13283	139	136	18036	133	D
	80	24400	170	84	12104	145	120	16604	139	172	22546	132	D

	4000K Number of LED	Nominal flux(1) (lm)	Nominal eff.(1) (lm/W)	350 mA			500 mA			700mA			Energy efficiency class
				P_t (W)(2)	Φ (lm)(2)	(lm/W)(2)	P_t (W)(2)	Φ (lm)(2)	(lm/W)(2)	P_t (W)(2)	Φ (lm)(2)	(lm/W)(2)	
DEIKO S	8	2495	145	10	1238	124	14	1698	122	19	2305	122	D
	12	3743	152	15	1857	124	20	2547	128	27	3459	129	D
	16	4990	154	19	2475	131	26	3396	131	36	4611	129	D
	24	7485	161	27	3714	138	38	5094	135	52	6916	133	D
DEIKO M	32	9980	167	35	4951	142	49	6791	139	69	9222	134	D
	48	14970	171	51	7426	146	73	10187	140	103	13832	135	D
	64	19960	171	68	9902	146	96	13583	142	136	18443	136	D
	80	24950	173	84	12378	148	120	16979	142	172	23054	135	D

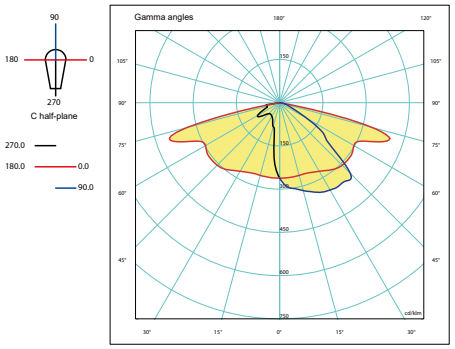
	5700K Number of LED	Nominal flux(1) (lm)	Nominal eff.(1) (lm/W)	350 mA			500 mA			700mA			Energy efficiency class
				P_t (W)(2)	Φ (lm)(2)	(lm/W)(2)	P_t (W)(2)	Φ (lm)(2)	(lm/W)(2)	P_t (W)(2)	Φ (lm)(2)	(lm/W)(2)	
DEIKO S	16	4720	147	19	2375	125	26	3257	126	36	4361	122	C
DEIKO M	32	9440	159	35	4749	136	49	6514	133	69	8723	127	C
	48	14160	165	51	7124	140	73	9771	134	103	13084	128	C
	64	18880	165	68	9499	140	96	13028	136	136	17445	129	C
	80	23600	167	84	11873	142	120	16286	136	172	21806	127	C

(1) Maximum LED flux at operating temperature including driver consumption.
(2) Actual luminaire output data at operating temperature including driver consumption, optical accessories. A tolerance on the data is allowed in accordance with IEC 62717 and IEC 62722.

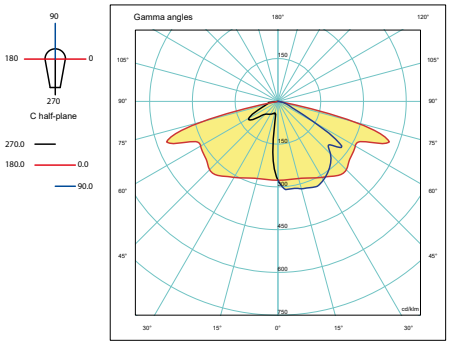
Photometric distributions

ASYMMETRICAL ROAD LIGHTING

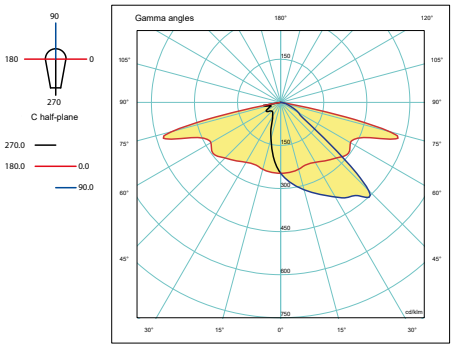
ASY10



ASY11



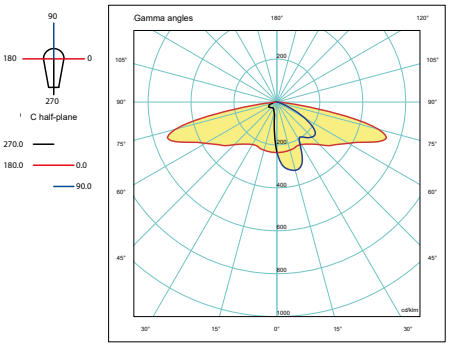
ASY12



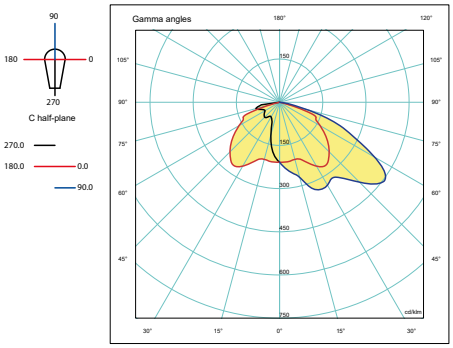
Photometric distributions

ASYMMETRICAL ROAD LIGHTING

ASY13



ASY14



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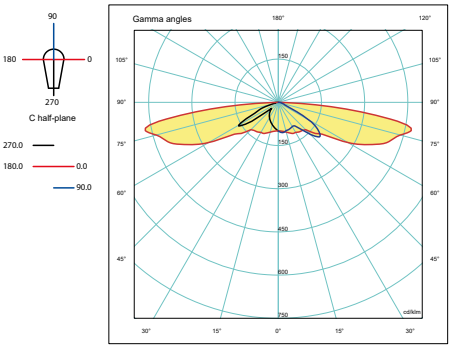

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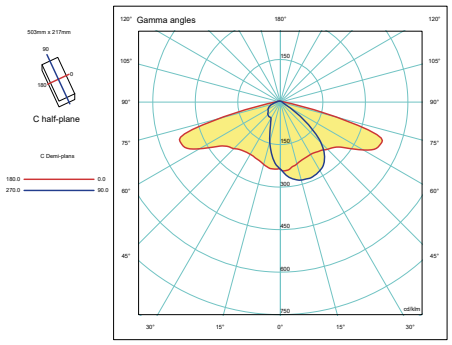
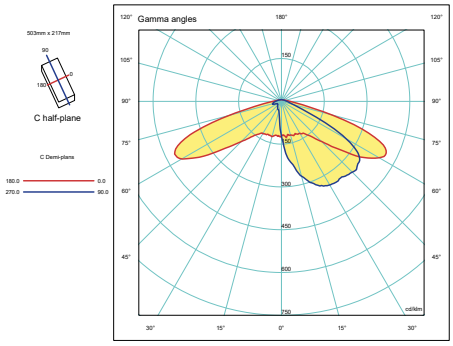


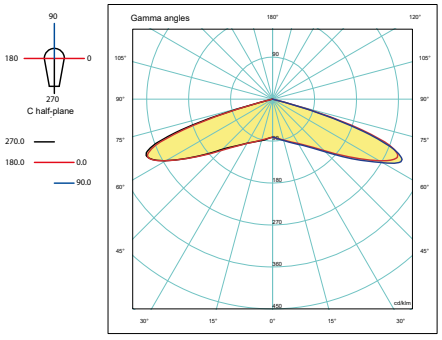
ASY27

DEIKO M Only



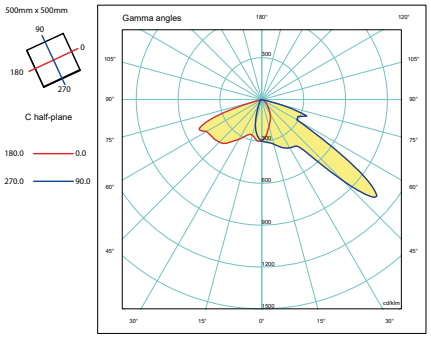
CIRCULAR

CIR06

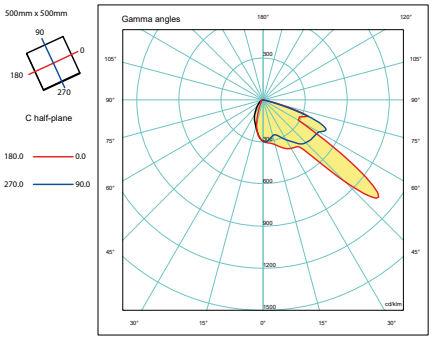


PEDESTRIAN CROSSING

PC02 45G



PC02 45D



SYMMETRICAL

SYM02