



Electrical characteristics

- Power current up to 1050mA.
- Voltage range: from 21 V to 190 V.
- Electrical class: I & II.
- Varistor (protection against surges).
- Optional surge protector or over/under voltage protection systems.
- 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			700 mA			1050 mA			
				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⁾	P _t (W) ⁽²⁾	Φ (lm) ⁽²⁾	(lm/W) ⁽²⁾	
TEKK S	TEKK M	16	4375	123	17	1397	83	24	1911	80	35	2558	74	53	3588	68
		32	8750	127	33	2795	85	47	3823	82	66	5117	78	102	7175	71
		48	13125	114	49	4723	97	70	6462	93	98	8649	89	146	12128	84
		64	17500	117	63	6298	100	91	8615	95	129	11532	90	196	16170	83

		2200K Number of LED	Nominal flux ⁽¹⁾ (lm)	Nominal eff. ⁽¹⁾ (lm/W)	350 mA			500 mA			700 mA			1050 mA			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⁾	P _t (W) ⁽²⁾	Φ (lm) ⁽²⁾	(lm/W) ⁽²⁾	
TEKK S		8	2973	157	10	1051	106	14	1451	104	19	1892	100	28	2438	88	E
		12	4459	171	14	1577	113	19	2177	115	27	2836	106	40	3656	92	E
	TEKK M	16	5945	155	18	2369	132	26	3271	126	36	4262	119	53	5493	104	E
		24	8918	156	27	3554	132	37	4906	133	50	6393	128	78	8240	106	E
		32	11890	159	35	4738	136	49	6541	134	67	8524	128	105	10986	105	E
		48	14820	123	51	5322	105	73	7304	101	103	9785	95	158	13694	87	E
		64	19760	123	68	7096	105	96	9739	102	136	13047	96	210	18258	87	E

2700K Number of LED		Nominal flux ⁽¹⁾ (lm)	Nominal eff. ⁽¹⁾ (lm/W)	350 mA			500 mA			700 mA			1050 mA			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⁾	P _t (W) ⁽²⁾	Φ (lm) ⁽²⁾	(lm/W) ⁽²⁾		
TEKK S	8	3235	132	10	1148	115	14	1584	114	19	2065	109	28	3029	109	D	
	12	5541	188	14	1721	123	19	2376	126	27	3097	115	42	4544	109	E	
	TEKK M	16	7388	169	18	2586	144	26	3570	138	36	4653	130	55	6827	125	D
		24	11082	170	27	3879	144	37	5356	145	50	6980	140	83	10240	124	D
		32	14776	173	35	5173	148	49	7142	146	67	9306	139	110	13653	125	D
		48	18296	153	51	6589	130	73	9034	124	103	12091	118	158	16906	107	E
		64	24395	153	68	8785	130	96	12045	126	136	16120	119	210	22541	108	E

(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.



Powers and luminous intensities

3000K		Nominal flux ⁽¹⁾ (lm)	Nominal eff. ⁽¹⁾ (lm/W)	350 mA			500 mA			700 mA			1050 mA			Energy efficiency class	
Number of LED				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⁾	P _t (W) ⁽²⁾	Φ (lm) ⁽²⁾	(lm/W) ⁽²⁾		
TEKK S	8	3373	180	10	1201	121	14	1647	118	19	2146	113	28	2766	99	D	
	12	5059	194	14	1789	128	19	2470	130	27	3219	120	40	4148	104	D	
TEKK M	16	6745	176	18	2706	151	26	3711	143	36	4836	135	53	6232	118	D	
	24	10118	176	27	4032	150	37	5566	151	50	7253	146	78	9349	120	D	
	32	13491	181	35	5376	154	49	7422	152	67	9672	145	105	12466	119	D	
	48	19800	165	51	7124	140	73	9771	134	103	13084	128	158	18295	116	D	
	64	26400	165	68	9499	140	96	13028	136	136	17445	129	210	24394	117	D	
4000K		Nominal flux ⁽¹⁾ (lm)	Nominal eff. ⁽¹⁾ (lm/W)	350 mA			500 mA			700 mA			1050 mA			Energy efficiency class	
Number of LED				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⁾	P _t (W) ⁽²⁾	Φ (lm) ⁽²⁾	(lm/W) ⁽²⁾		
TEKK S	8	3503	185	10	1247	125	14	1710	123	19	2229	118	28	2872	103	D	
	12	5254	191	15	1858	124	20	2565	129	27	3342	124	41	4308	106	D	
TEKK M	16	7005	184	18	2811	157	26	3854	149	36	5023	140	53	6473	123	D	
	24	10508	183	27	4188	156	38	5781	153	52	7532	145	79	9709	123	D	
	32	14010	187	35	5583	160	49	7707	158	67	10044	150	105	12945	124	D	
	48	20895	173	51	7512	148	73	10312	142	103	13805	135	158	19307	123	D	
	64	27860	173	68	10016	148	96	13749	144	136	18406	136	210	25743	123	D	
5700K		Nominal flux ⁽¹⁾ (lm)	Nominal eff. ⁽¹⁾ (lm/W)	350 mA			500 mA			700 mA			1050 mA			Energy efficiency class	
Number of LED				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⁾	P _t (W) ⁽²⁾	Φ (lm) ⁽²⁾	(lm/W) ⁽²⁾		
TEKK S	TEKK M	16	6600	147	19	2375	125	26	3257	126	36	4361	122	53	6098	116	C
		32	13200	159	35	4749	136	49	6514	133	69	8723	127	105	12197	117	C
		48	19800	165	51	7124	140	73	9771	134	103	13084	128	158	18295	116	C
		64	26400	165	68	9499	140	96	13028	136	136	17445	129	210	24394	117	C

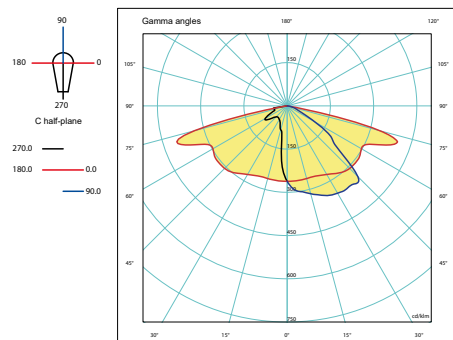
(1) Maximum LED flux at operating temperature including driver consumption.

(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.

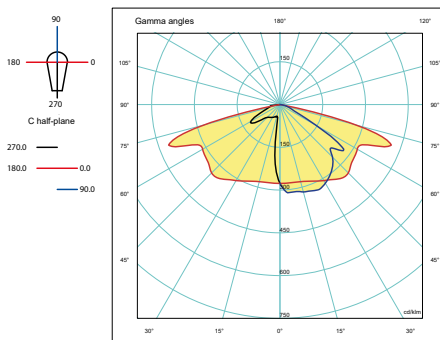
Photometric distributions

ASYMMETRICAL ROAD LIGHTING

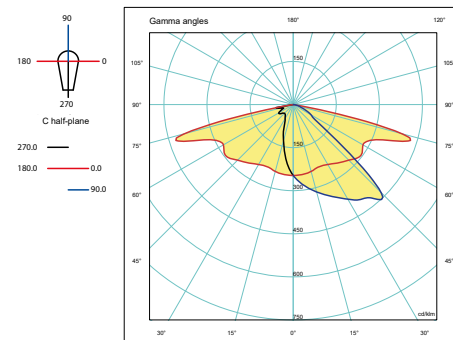
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ASY11



ASY12

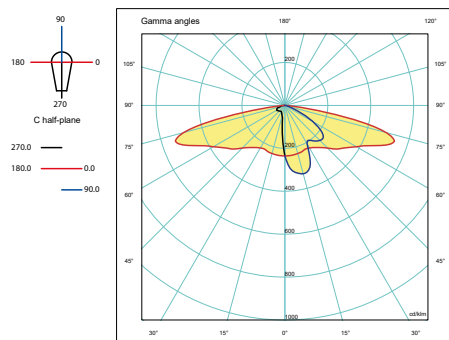




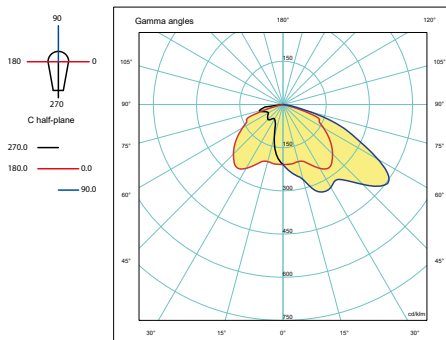
Photometric distributions

ASYMMETRICAL ROAD LIGHTING

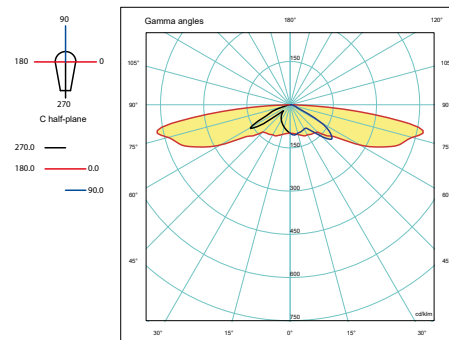
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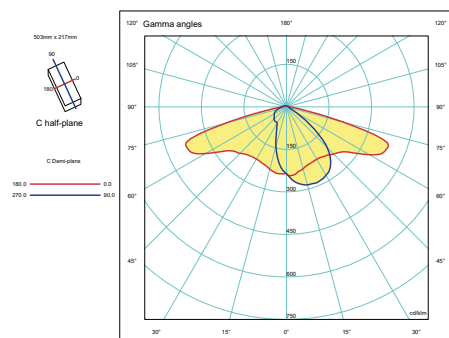
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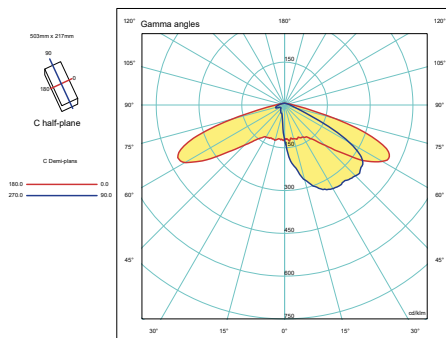
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ASY26

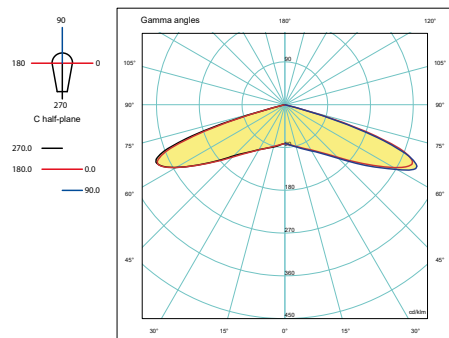


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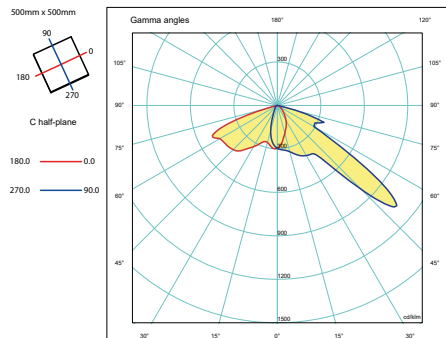
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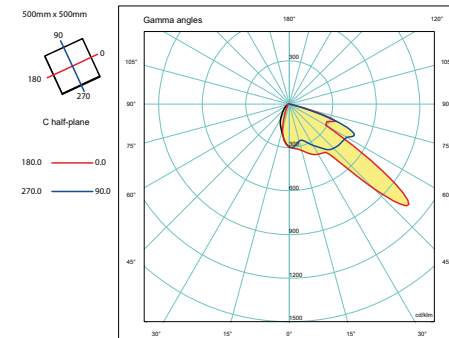


PEDESTRIAN CROSSING

PC02 45G



PC02 45D



SYMMETRICAL

SYM02

