

Luminaire

Code 1694XX/XX

Name PIN

Measurem.

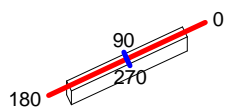
Code

Name 2700K CRI 90

Luminaire Flux	382.79 lm	Luminaire Power	12.06 W	Efficacy	31.75 lm/W	Efficiency	100.00%
Sources Flux	382.79 lm	Maximum value	162.03 cd	Position	C=345.00 G=7.00	CG	Asymmetrical
Rectangular Luminaire		Length	60 mm	Width	700 mm	Height	35 mm
Rectangular Luminous Area		Length	51 mm	Width	690 mm	Height	0 mm
Horizontal Luminous Area		0.035190 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.008513 m2	
Coordinate system		CG		Symmetry Type		Asymmetrical	
Date		26-07-2019		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		382.79 lm	
Operator		Asselum		Rated Voltage			
Temperature		25.00 °C		Rated Current			
Humidity		60.00 %		Photocell			
Notes							

Luminaire Lamps						
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty	
NICHIA NF2L757GRT-V1F1 sm27	2x 5750175	2x LED 4,5W 350mA	382.79	12.06	1	
C.I.E.	54 84 97 100 100	D DIN 5040	A40			
F UTE	1.00 D	B NBN	BZ 4			

60mm x 700mm



Semiplanos C

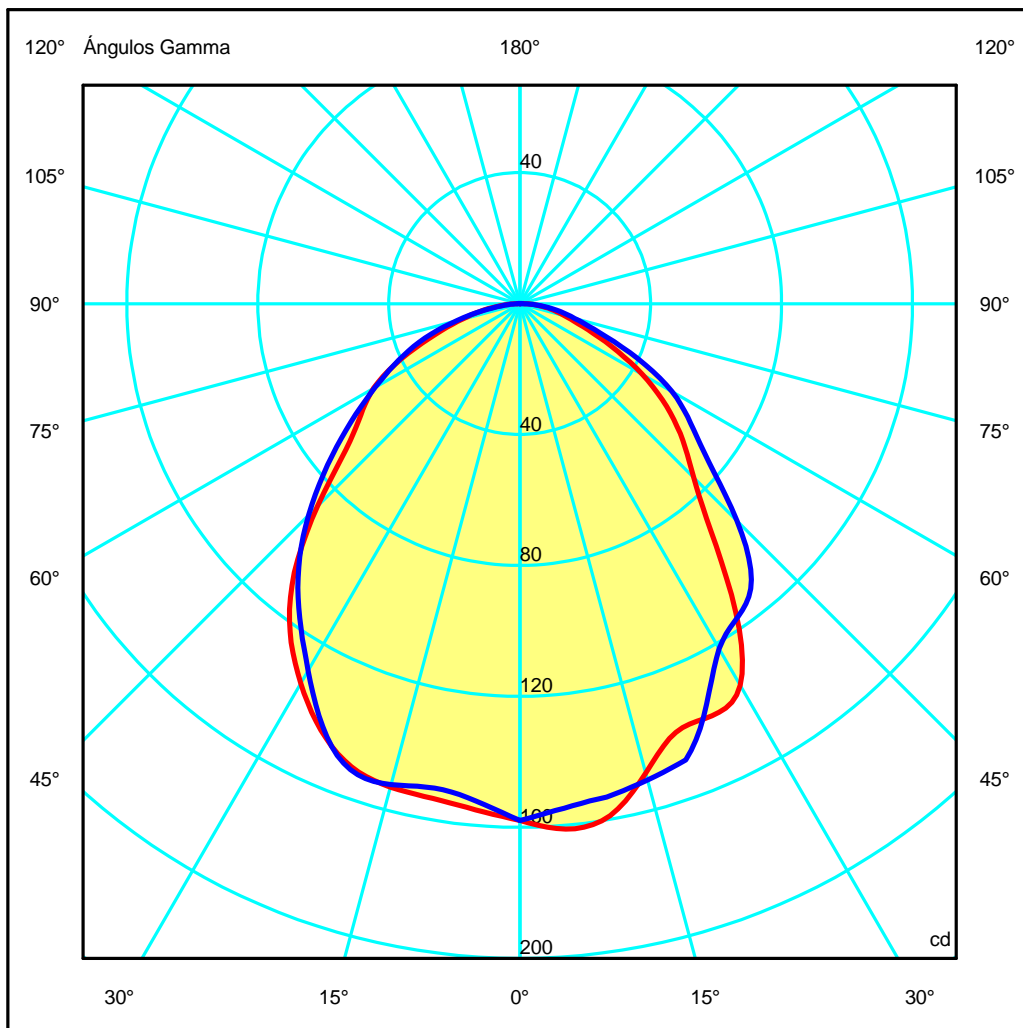
180.0 — 0.0

270.0 — 90.0

ULOR 0.12 %

DLOR 99.88 %

RN 0.12 %



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Sources Flux		382.79 lm		Maximum value		162.03 cd		Position		C=345.00 G=7.00		CG Asymmetrical			
Luminous Intensity Table cd Table 1/6															
	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00	C 180.00		
G 0.0	158	158	158	158	158	158	158	158	158	158	158	158	158	158	158
G 1.0	159	158	157	157	157	157	157	157	157	157	157	157	157	157	157
G 2.0	159	157	157	156	156	156	156	156	157	157	156	156	156	156	157
G 3.0	160	157	156	156	155	155	156	156	156	156	156	155	155	156	156
G 4.0	161	157	156	155	154	155	155	155	155	155	155	155	155	156	156
G 5.0	161	157	155	154	154	154	155	155	155	155	155	154	154	155	155
G 6.0	161	157	155	153	153	153	154	154	154	154	154	154	154	155	155
G 7.0	161	156	154	153	152	153	154	154	154	153	153	153	153	154	154
G 8.0	161	156	154	152	152	152	153	153	153	153	153	153	153	154	154
G 9.0	160	156	153	152	151	152	153	153	153	153	153	153	153	154	154
G 10.0	159	156	153	151	151	152	153	152	152	152	152	152	153	153	153
G 11.0	157	155	153	151	151	152	153	152	152	152	152	153	153	153	153
G 12.0	155	154	152	150	150	151	152	152	151	152	152	153	153	153	153
G 13.0	153	153	152	150	150	151	152	152	151	152	153	154	153	153	153
G 14.0	151	152	151	149	150	151	151	151	151	151	151	153	154	153	153
G 15.0	148	151	151	149	150	151	151	151	150	151	154	154	154	153	153
G 16.0	146	150	150	148	149	151	150	151	150	151	154	154	154	153	153
G 17.0	144	149	150	148	149	151	150	150	149	151	154	155	155	152	152
G 18.0	142	148	149	147	148	150	149	150	149	150	154	155	155	152	152
G 19.0	140	147	148	146	148	149	149	149	148	150	153	155	155	151	151
G 20.0	139	145	147	145	147	148	148	148	147	149	153	154	150	150	150
G 21.0	139	144	146	144	146	147	146	146	146	148	152	153	150	150	150
G 22.0	139	143	144	143	144	145	144	145	145	147	151	152	148	148	148
G 23.0	139	141	143	142	143	143	141	144	144	146	150	150	147	147	147
G 24.0	139	140	141	140	141	141	138	142	143	144	148	149	145	145	145
G 25.0	139	138	139	138	139	139	135	140	141	143	146	147	144	144	144
G 26.0	139	137	137	137	137	136	132	138	140	141	144	144	142	142	142
G 27.0	139	135	135	135	135	134	129	136	138	140	142	142	140	140	140
G 28.0	138	133	133	133	133	132	126	134	136	138	140	140	138	138	138
G 29.0	137	130	130	131	131	129	124	132	134	136	137	137	136	136	136
G 30.0	135	128	128	129	130	127	122	130	132	134	135	135	134	134	134
G 31.0	132	125	125	127	128	125	120	128	130	132	132	133	132	132	132
G 32.0	128	122	122	125	126	123	119	126	128	130	129	131	130	130	130
G 33.0	124	119	120	123	124	121	118	124	125	127	127	129	127	127	127
G 34.0	120	115	117	121	122	120	117	121	123	125	124	127	125	125	125
G 35.0	115	112	114	119	120	118	116	119	120	122	121	125	122	122	122
G 36.0	110	108	111	117	118	116	116	117	117	120	118	122	120	120	120
G 37.0	105	105	108	114	117	114	115	114	115	117	115	120	117	117	117
G 38.0	100	101	105	112	115	112	114	112	112	114	112	117	114	114	114
G 39.0	95	97	102	110	112	110	112	109	109	111	109	115	111	111	111
G 40.0	91	94	99	107	110	108	110	107	105	107	106	112	107	107	107
G 41.0	87	90	96	105	108	106	108	104	102	104	103	108	103	103	103
G 42.0	83	87	93	102	105	103	105	101	99	100	100	105	100	100	100
G 43.0	80	84	90	99	103	101	101	98	96	96	96	101	95	95	95
G 44.0	78	81	87	97	100	98	98	95	92	92	93	96	91	91	91
G 45.0	75	79	84	94	97	95	94	91	89	89	90	92	87	87	87
G 46.0	73	76	81	91	95	92	90	88	86	85	87	89	83	83	83
G 47.0	71	73	79	88	92	89	86	85	82	81	84	85	79	79	79
G 48.0	69	71	76	85	88	86	82	82	79	77	81	81	76	76	76
G 49.0	67	68	73	82	85	82	79	78	76	73	78	77	72	72	72
G 50.0	65	65	71	79	82	79	75	75	72	70	75	74	69	69	69
G 51.0	63	63	68	76	79	75	73	72	69	66	72	70	67	67	67
G 52.0	61	60	66	73	75	71	70	69	66	63	68	67	65	65	65
G 53.0	59	58	64	70	72	68	68	66	63	60	65	65	63	63	63
G 54.0	57	55	62	67	68	64	66	62	60	58	62	62	61	61	61
G 55.0	55	53	59	64	65	61	64	59	58	55	59	59	59	59	59
G 56.0	52	50	57	61	62	57	62	57	55	52	56	57	58	58	58
G 57.0	50	48	55	58	58	54	60	54	53	50	53	55	56	56	56
G 58.0	48	46	53	55	55	51	58	52	50	48	50	53	55	55	55
G 59.0	46	43	51	52	52	48	56	49	48	46	48	50	53	53	53
G 60.0	43	41	49	50	49	45	54	47	46	44	45	48	52	52	52
G 61.0	41	39	47	47	46	43	51	44	44	43	43	46	50	50	50
G 62.0	38	38	45	44	44	41	48	41	42	41	41	44	47	47	47
G 63.0	36	36	43	42	41	39	46	39	41	40	39	43	45	45	45
G 64.0	33	34	41	40	39	37	43	37	39	38	38	41	42	42	42
G 65.0	31	33	38	37	37	35	40	35	37	37	36	39	40	40	40
G 66.0	29	31	36	35	35	34	37	33	36	36	34	37	37	37	37
G 67.0	26	29	34	33	33	32	34	32	34	34	33	35	35	35	35
G 68.0	24	28	32	31	31	31	31	30	33	33	31	33	32	32	32
G 69.0	22	26	30	29	29	29	28	29	31	31	30	32	30	30	30
G 70.0	21	25	28	27	27	28	26	27	30	30	28	30	28	28	28
G 71.0	19	23	26	25	25	26	24	25	28	28	26	28	25	25	25
G 72.0	18	22	24	23	23	25	22	24	26	27	25	26	23	23	23

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Luminaire Flux	382.79 lm	Luminaire Power	12.06 W	Efficacy	31.75 lm/W	Efficiency	100.00%
Sources Flux	382.79 lm	Maximum value	162.03 cd	Position	C=345.00 G=7.00	CG Asymmetrical	

Luminous Intensity Table cd Table 2/6											
	C 195.00	C 210.00	C 225.00	C 240.00	C 255.00	C 270.00	C 285.00	C 300.00	C 315.00	C 330.00	C 345.00
G 0.0	158	158	158	158	158	158	158	158	158	158	158
G 1.0	158	158	157	157	157	157	157	158	158	158	159
G 2.0	157	158	157	156	156	156	156	157	158	159	160
G 3.0	157	157	157	156	155	154	156	157	158	160	160
G 4.0	157	157	156	155	154	153	155	157	158	160	161
G 5.0	157	157	156	154	154	153	155	156	158	160	162
G 6.0	156	157	156	154	153	152	154	156	158	161	162
G 7.0	156	156	155	154	153	151	154	156	158	161	162
G 8.0	155	156	155	153	152	151	153	155	158	161	162
G 9.0	155	155	154	153	152	150	153	155	158	160	161
G 10.0	154	155	154	153	152	150	152	155	158	160	160
G 11.0	154	154	154	153	152	150	152	155	157	159	159
G 12.0	153	153	153	153	152	151	152	154	156	158	157
G 13.0	152	152	153	153	151	151	152	154	155	156	155
G 14.0	151	151	153	153	151	152	152	154	155	155	153
G 15.0	150	150	152	153	151	152	151	154	154	153	151
G 16.0	149	149	152	153	151	152	151	153	153	152	148
G 17.0	148	148	151	153	151	153	151	153	152	150	146
G 18.0	147	147	151	153	151	153	151	152	151	148	144
G 19.0	146	146	150	153	151	152	151	152	150	146	142
G 20.0	145	145	149	153	151	151	150	151	149	144	140
G 21.0	144	144	148	151	150	150	150	150	148	142	139
G 22.0	143	143	147	150	149	149	149	149	147	141	137
G 23.0	142	142	146	149	148	147	148	148	146	139	136
G 24.0	141	141	144	147	146	145	147	147	145	137	135
G 25.0	140	139	143	145	144	143	146	146	144	135	135
G 26.0	138	138	141	143	142	140	144	144	142	133	134
G 27.0	137	137	140	140	140	137	143	143	141	132	132
G 28.0	136	135	138	138	138	135	141	141	140	130	131
G 29.0	134	133	136	136	136	132	139	139	138	127	129
G 30.0	133	132	134	134	133	129	136	137	136	125	127
G 31.0	132	130	132	131	131	127	133	134	134	123	124
G 32.0	130	127	130	129	128	124	131	132	131	120	121
G 33.0	128	125	128	127	126	122	127	129	129	118	118
G 34.0	127	123	125	125	124	120	124	127	126	115	114
G 35.0	125	120	123	122	121	117	121	124	123	112	110
G 36.0	123	117	120	120	118	115	118	121	120	110	106
G 37.0	121	114	118	117	116	112	114	118	117	107	102
G 38.0	118	111	115	115	113	110	111	115	114	104	98
G 39.0	116	108	112	112	110	108	108	112	111	101	94
G 40.0	113	105	109	109	107	105	105	109	107	99	90
G 41.0	110	102	105	106	104	102	102	106	104	97	87
G 42.0	106	99	102	102	101	100	100	103	101	94	84
G 43.0	103	95	98	99	98	97	97	100	98	92	81
G 44.0	99	92	94	95	95	94	95	98	95	90	79
G 45.0	95	89	91	92	91	91	93	95	92	88	76
G 46.0	91	85	87	88	88	88	90	92	89	85	74
G 47.0	87	82	83	84	85	85	88	89	86	83	72
G 48.0	84	79	80	81	81	82	86	86	83	81	70
G 49.0	80	76	76	77	78	80	84	83	80	78	68
G 50.0	76	73	73	74	74	77	81	81	78	76	66
G 51.0	72	70	69	70	71	74	78	78	75	73	64
G 52.0	69	68	66	67	68	71	75	75	72	71	62
G 53.0	66	65	64	64	65	68	72	71	69	68	60
G 54.0	63	63	61	61	62	66	69	68	66	65	58
G 55.0	60	60	58	58	58	63	66	65	63	62	56
G 56.0	57	58	56	56	56	60	63	62	61	59	54
G 57.0	55	56	53	53	53	58	60	59	58	57	52
G 58.0	52	53	51	51	50	56	57	56	56	54	50
G 59.0	50	51	49	48	47	53	54	53	53	51	48
G 60.0	48	49	47	46	45	51	50	50	51	49	46
G 61.0	46	47	45	44	43	49	47	48	48	46	44
G 62.0	43	44	43	43	41	47	45	45	46	44	42
G 63.0	41	42	41	41	39	45	42	42	44	42	40
G 64.0	39	40	39	39	37	43	40	40	42	39	38
G 65.0	37	38	38	38	35	41	37	38	40	37	36
G 66.0	36	36	36	36	34	39	35	35	38	35	34
G 67.0	34	34	34	35	32	37	32	33	35	33	32
G 68.0	32	32	32	33	30	35	30	31	33	31	31
G 69.0	31	30	31	31	29	33	28	29	31	30	29
G 70.0	29	28	29	30	27	31	26	27	30	28	27
G 71.0	27	26	27	28	26	29	24	25	28	26	25
G 72.0	25	25	25	26	24	26	22	24	26	24	23

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Luminaire Flux	382.79 lm	Luminaire Power	12.06 W	Efficacy	31.75 lm/W	Efficiency	100.00%
Sources Flux	382.79 lm	Maximum value	162.03 cd	Position	C=345.00 G=7.00	CG Asymmetrical	

Luminous Intensity Table cd Table 3/6

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00	C 180.00
G 73.0	16	20	22	22	22	23	20	22	24	25	23	25	22
G 74.0	15	19	20	20	20	21	19	20	22	23	21	23	20
G 75.0	14	17	18	18	18	19	17	19	20	21	20	21	18
G 76.0	13	16	17	17	17	18	16	17	18	19	18	20	17
G 77.0	12	14	15	15	15	16	15	16	16	17	16	18	15
G 78.0	11	13	14	14	14	14	14	14	15	15	14	16	14
G 79.0	11	11	12	13	12	13	13	13	13	14	13	15	12
G 80.0	10	10	11	11	11	11	11	12	11	12	11	13	11
G 81.0	9	9	9	10	9	10	10	10	10	10	10	12	10
G 82.0	8	7	8	9	8	8	9	9	8	9	8	10	8
G 83.0	7	6	7	7	7	7	8	8	7	7	7	9	7
G 84.0	6	5	5	6	6	6	6	7	6	6	6	7	6
G 85.0	5	4	4	5	5	5	5	5	4	5	5	6	5
G 86.0	4	3	3	4	4	4	4	4	3	4	4	5	4
G 87.0	3	3	2	3	3	3	3	3	3	3	3	4	3
G 88.0	3	2	2	2	2	2	2	3	2	2	2	3	2
G 89.0	2	1	1	2	1	1	1	2	1	1	1	2	1
G 90.0	1	1	0	1	1	1	1	1	1	1	1	1	1
G 91.0	1	1	0	1	1	1	0	1	1	1	1	1	1
G 92.0	1	1	0	1	1	1	0	1	0	0	1	1	1
G 93.0	1	1	0	1	1	1	0	1	0	0	1	1	0
G 94.0	1	1	0	1	0	0	0	1	0	0	0	1	0
G 95.0	1	0	0	0	0	0	0	1	0	0	0	1	0
G 96.0	1	0	0	0	0	0	0	1	0	0	0	0	0
G 97.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 98.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 99.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G102.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G103.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G104.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G105.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G106.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G107.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G108.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G109.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G110.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G111.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G112.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G113.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G114.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G115.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G116.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G117.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G118.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G119.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G120.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G121.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G122.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G123.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G124.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G125.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G126.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G127.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G128.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G129.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G130.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G131.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G132.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G133.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G134.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G135.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G136.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G137.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G138.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G139.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G140.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G141.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G142.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G143.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G144.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G145.0	0	0	0	0	0	0	0	0	0	0	0	0	0

Luminaire
Code 1694XX/XX
Name PIN
Measurem.
Code
Name 2700K CRI 90

Luminaire Flux	382.79 lm	Luminaire Power	12.06 W	Efficacy	31.75 lm/W	Efficiency	100.00%
Sources Flux	382.79 lm	Maximum value	162.03 cd	Position	C=345.00 G=7.00	CG	Asymmetrical

Luminous Intensity Table cd Table 4/6											
	C 195.00	C 210.00	C 225.00	C 240.00	C 255.00	C 270.00	C 285.00	C 300.00	C 315.00	C 330.00	C 345.00
G 73.0	23	23	23	24	23	24	20	22	24	22	22
G 74.0	22	21	22	22	21	22	19	20	22	20	20
G 75.0	20	20	20	20	19	20	17	19	20	18	18
G 76.0	18	18	18	18	18	18	16	17	18	17	17
G 77.0	16	17	16	16	16	16	14	16	16	15	15
G 78.0	15	15	15	14	15	14	13	14	15	13	14
G 79.0	13	14	13	12	13	12	12	13	13	12	12
G 80.0	12	13	11	10	12	10	11	12	11	10	11
G 81.0	10	11	10	9	10	8	9	10	10	9	9
G 82.0	9	10	8	7	9	7	8	9	9	7	8
G 83.0	7	8	7	6	7	6	7	8	7	6	7
G 84.0	6	7	6	5	6	5	6	6	6	5	6
G 85.0	5	6	5	4	5	4	5	5	5	4	5
G 86.0	4	5	4	3	4	3	4	4	4	3	4
G 87.0	3	3	3	2	3	2	3	3	3	2	3
G 88.0	2	2	2	2	2	1	2	2	2	2	2
G 89.0	2	2	1	1	1	1	1	2	2	1	1
G 90.0	1	1	1	1	1	1	1	1	1	1	1
G 91.0	1	1	0	1	1	0	1	1	1	0	1
G 92.0	1	1	0	1	1	0	1	1	1	0	1
G 93.0	1	1	0	0	0	0	1	1	1	0	1
G 94.0	1	1	0	0	0	0	1	1	1	0	0
G 95.0	1	0	0	0	0	0	0	0	1	0	0
G 96.0	0	0	0	0	0	0	0	0	0	0	0
G 97.0	0	0	0	0	0	0	0	0	0	0	0
G 98.0	0	0	0	0	0	0	0	0	0	0	0
G 99.0	0	0	0	0	0	0	0	0	0	0	0
G100.0	0	0	0	0	0	0	0	0	0	0	0
G101.0	0	0	0	0	0	0	0	0	0	0	0
G102.0	0	0	0	0	0	0	0	0	0	0	0
G103.0	0	0	0	0	0	0	0	0	0	0	0
G104.0	0	0	0	0	0	0	0	0	0	0	0
G105.0	0	0	0	0	0	0	0	0	0	0	0
G106.0	0	0	0	0	0	0	0	0	0	0	0
G107.0	0	0	0	0	0	0	0	0	0	0	0
G108.0	0	0	0	0	0	0	0	0	0	0	0
G109.0	0	0	0	0	0	0	0	0	0	0	0
G110.0	0	0	0	0	0	0	0	0	0	0	0
G111.0	0	0	0	0	0	0	0	0	0	0	0
G112.0	0	0	0	0	0	0	0	0	0	0	0
G113.0	0	0	0	0	0	0	0	0	0	0	0
G114.0	0	0	0	0	0	0	0	0	0	0	0
G115.0	0	0	0	0	0	0	0	0	0	0	0
G116.0	0	0	0	0	0	0	0	0	0	0	0
G117.0	0	0	0	0	0	0	0	0	0	0	0
G118.0	0	0	0	0	0	0	0	0	0	0	0
G119.0	0	0	0	0	0	0	0	0	0	0	0
G120.0	0	0	0	0	0	0	0	0	0	0	0
G121.0	0	0	0	0	0	0	0	0	0	0	0
G122.0	0	0	0	0	0	0	0	0	0	0	0
G123.0	0	0	0	0	0	0	0	0	0	0	0
G124.0	0	0	0	0	0	0	0	0	0	0	0
G125.0	0	0	0	0	0	0	0	0	0	0	0
G126.0	0	0	0	0	0	0	0	0	0	0	0
G127.0	0	0	0	0	0	0	0	0	0	0	0
G128.0	0	0	0	0	0	0	0	0	0	0	0
G129.0	0	0	0	0	0	0	0	0	0	0	0
G130.0	0	0	0	0	0	0	0	0	0	0	0
G131.0	0	0	0	0	0	0	0	0	0	0	0
G132.0	0	0	0	0	0	0	0	0	0	0	0
G133.0	0	0	0	0	0	0	0	0	0	0	0
G134.0	0	0	0	0	0	0	0	0	0	0	0
G135.0	0	0	0	0	0	0	0	0	0	0	0
G136.0	0	0	0	0	0	0	0	0	0	0	0
G137.0	0	0	0	0	0	0	0	0	0	0	0
G138.0	0	0	0	0	0	0	0	0	0	0	0
G139.0	0	0	0	0	0	0	0	0	0	0	0
G140.0	0	0	0	0	0	0	0	0	0	0	0
G141.0	0	0	0	0	0	0	0	0	0	0	0
G142.0	0	0	0	0	0	0	0	0	0	0	0
G143.0	0	0	0	0	0	0	0	0	0	0	0
G144.0	0	0	0	0	0	0	0	0	0	0	0
G145.0	0	0	0	0	0	0	0	0	0	0	0

Luminaire

Code 1694XX/XX

Name PIN

Measur.

Code

Name 2700K CRI 90

Luminaire Flux	382.79 lm	Luminaire Power	12.06 W	Efficacy	31.75 lm/W	Efficiency	100.00%
Sources Flux	382.79 lm	Maximum value	162.03 cd	Position	C=345.00 G=7.00	CG	Asymmetrical

Luminous Intensity Table cd Table 5/6

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00	C 180.00
G146.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G147.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G148.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G149.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G150.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G151.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G152.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G153.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G154.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G155.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G156.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G157.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G158.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G159.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G160.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G161.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G162.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G163.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G164.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G165.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G166.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G167.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G168.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G169.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G170.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G171.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G172.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G173.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G174.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G175.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G176.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G177.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G178.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G179.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G180.0	0	0	0	0	0	0	0	0	0	0	0	0	0

Luminaire

Code 1694XX/XX

Name PIN

Measurem.

Code

Name 2700K CRI 90

Luminaire Flux	382.79 lm	Luminaire Power	12.06 W	Efficacy	31.75 lm/W	Efficiency	100.00%
Sources Flux	382.79 lm	Maximum value	162.03 cd	Position	C=345.00 G=7.00	CG	Asymmetrical

Luminous Intensity Table cd Table 6/6

	C 195.00	C 210.00	C 225.00	C 240.00	C 255.00	C 270.00	C 285.00	C 300.00	C 315.00	C 330.00	C 345.00
G146.0	0	0	0	0	0	0	0	0	0	0	0
G147.0	0	0	0	0	0	0	0	0	0	0	0
G148.0	0	0	0	0	0	0	0	0	0	0	0
G149.0	0	0	0	0	0	0	0	0	0	0	0
G150.0	0	0	0	0	0	0	0	0	0	0	0
G151.0	0	0	0	0	0	0	0	0	0	0	0
G152.0	0	0	0	0	0	0	0	0	0	0	0
G153.0	0	0	0	0	0	0	0	0	0	0	0
G154.0	0	0	0	0	0	0	0	0	0	0	0
G155.0	0	0	0	0	0	0	0	0	0	0	0
G156.0	0	0	0	0	0	0	0	0	0	0	0
G157.0	0	0	0	0	0	0	0	0	0	0	0
G158.0	0	0	0	0	0	0	0	0	0	0	0
G159.0	0	0	0	0	0	0	0	0	0	0	0
G160.0	0	0	0	0	0	0	0	0	0	0	0
G161.0	0	0	0	0	0	0	0	0	0	0	0
G162.0	0	0	0	0	0	0	0	0	0	0	0
G163.0	0	0	0	0	0	0	0	0	0	0	0
G164.0	0	0	0	0	0	0	0	0	0	0	0
G165.0	0	0	0	0	0	0	0	0	0	0	0
G166.0	0	0	0	0	0	0	0	0	0	0	0
G167.0	0	0	0	0	0	0	0	0	0	0	0
G168.0	0	0	0	0	0	0	0	0	0	0	0
G169.0	0	0	0	0	0	0	0	0	0	0	0
G170.0	0	0	0	0	0	0	0	0	0	0	0
G171.0	0	0	0	0	0	0	0	0	0	0	0
G172.0	0	0	0	0	0	0	0	0	0	0	0
G173.0	0	0	0	0	0	0	0	0	0	0	0
G174.0	0	0	0	0	0	0	0	0	0	0	0
G175.0	0	0	0	0	0	0	0	0	0	0	0
G176.0	0	0	0	0	0	0	0	0	0	0	0
G177.0	0	0	0	0	0	0	0	0	0	0	0
G178.0	0	0	0	0	0	0	0	0	0	0	0
G179.0	0	0	0	0	0	0	0	0	0	0	0
G180.0	0	0	0	0	0	0	0	0	0	0	0

Luminaire

Code 1694XX/XX

Name PIN

Measurem.

Code

Name 2700K CRI 90

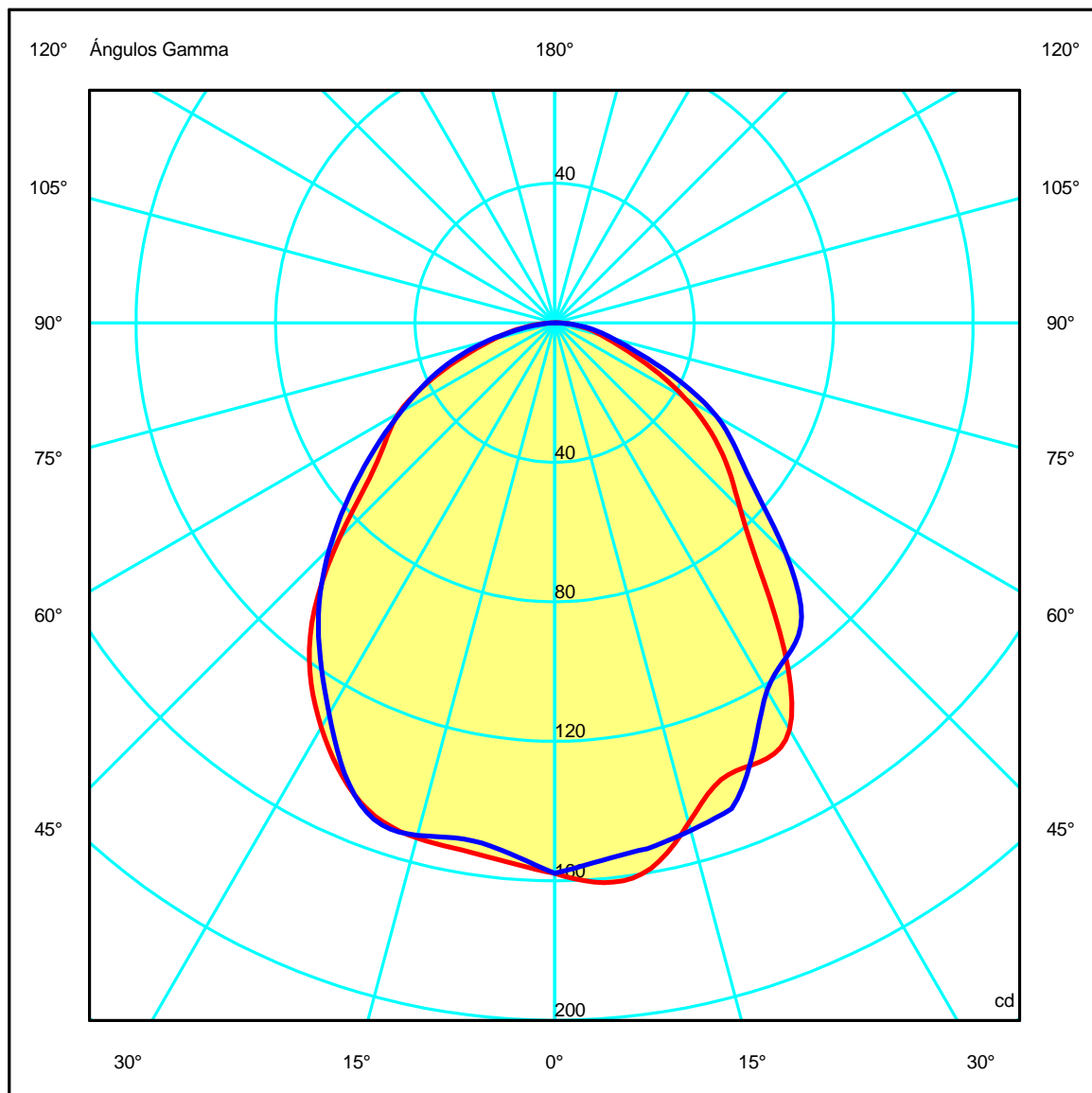
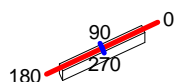
Luminaire Flux	382.79 lm	Luminaire Power	12.06 W	Efficacy	31.75 lm/W	Efficiency	100.00%
Sources Flux	382.79 lm	Maximum value	162.03 cd	Position	C=345.00 G=7.00	CG	Asymmetrical

60mm x 700mm

Semiplanos C

180.0 — 0.0

270.0 — 90.0



Luminaire

Code 1694XX/XX

Name PIN

Measurem.

Code

Name 2700K CRI 90

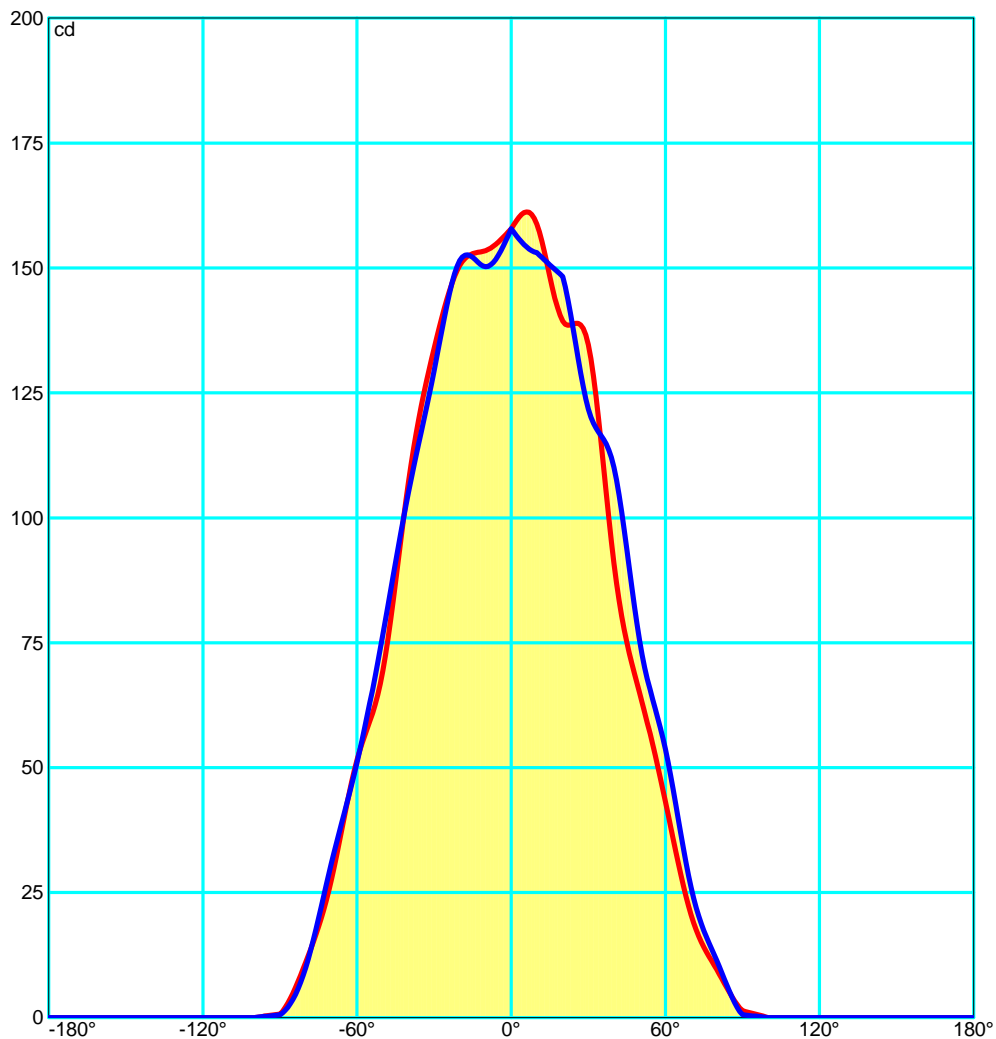
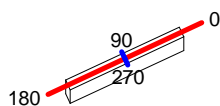
Luminaire Flux	382.79 lm	Luminaire Power	12.06 W	Efficacy	31.75 lm/W	Efficiency	100.00%
Sources Flux	382.79 lm	Maximum value	162.03 cd	Position	C=345.00 G=7.00	CG	Asymmetrical

60mm x 700mm

Semiplanos C

180.0 — 0.0

270.0 — 90.0



Luminaire

Code 1694XX/XX

Name PIN

Measurem.

Code

Name 2700K CRI 90

Luminaire Flux	382.79 lm	Luminaire Power	12.06 W	Efficacy	31.75 lm/W	Efficiency	100.00%
Sources Flux	382.79 lm	Maximum value	162.03 cd	Position	C=345.00 G=7.00	CG Asymmetrical	

UGR
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
WorkingPlane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
RoomDimensions	Viewed Crosswise					Viewed Endwise				
x=2H y=2H	16.0	17.2	16.2	17.4	17.7	16.1	17.3	16.4	17.5	17.8
x=2H y=3H	17.3	18.4	17.6	18.7	18.9	17.4	18.5	17.7	18.7	19.0
x=2H y=4H	17.8	18.9	18.2	19.1	19.4	17.8	18.9	18.2	19.2	19.4
x=2H y=6H	18.2	19.2	18.6	19.5	19.8	18.2	19.1	18.5	19.5	19.8
x=2H y=8H	18.3	19.3	18.7	19.6	19.9	18.3	19.2	18.6	19.5	19.8
x=2H y=12H	18.4	19.3	18.8	19.6	20.0	18.3	19.2	18.7	19.5	19.8
x=4H y=2H	16.5	17.6	16.9	17.9	18.1	16.7	17.7	17.0	18.0	18.3
x=4H y=3H	18.1	19.0	18.5	19.3	19.6	18.2	19.0	18.5	19.4	19.7
x=4H y=4H	18.8	19.6	19.2	19.9	20.3	18.8	19.6	19.2	19.9	20.3
x=4H y=6H	19.3	20.0	19.7	20.4	20.8	19.2	19.9	19.6	20.3	20.7
x=4H y=8H	19.5	20.1	19.9	20.5	20.9	19.4	20.0	19.8	20.4	20.8
x=4H y=12H	19.6	20.2	20.1	20.6	21.0	19.4	20.0	19.9	20.4	20.8
x=8H y=4H	19.1	19.7	19.5	20.1	20.5	19.1	19.7	19.5	20.1	20.5
x=8H y=6H	19.8	20.3	20.2	20.7	21.1	19.6	20.1	20.1	20.6	21.0
x=8H y=8H	20.0	20.5	20.5	20.9	21.4	19.8	20.3	20.3	20.7	21.2
x=8H y=12H	20.2	20.6	20.7	21.1	21.6	20.0	20.4	20.5	20.8	21.3
x=12H y=4H	19.1	19.7	19.6	20.1	20.5	19.1	19.6	19.5	20.0	20.5
x=12H y=6H	19.8	20.2	20.3	20.7	21.2	19.7	20.1	20.2	20.6	21.1
x=12H y=8H	20.1	20.5	20.6	21.0	21.5	19.9	20.3	20.4	20.8	21.3

Luminaire

Code 1694XX/XX

Name PIN

Measur.

Code

Name 2700K CRI 90

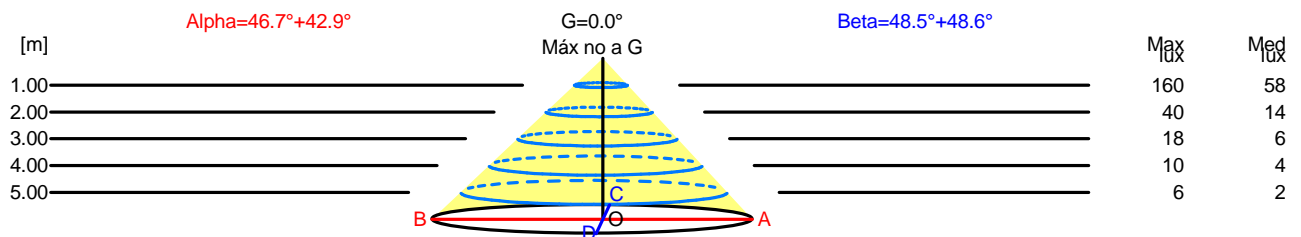
Luminaire Flux	382.79 lm	Luminaire Power	12.06 W	Efficacy	31.75 lm/W	Efficiency	100.00%
Sources Flux	382.79 lm	Maximum value	162.03 cd	Position	C=345.00 G=7.00	CG Asymmetrical	

Width at 50.00 % of Max Intensity

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	0.93	1.86	2.79	3.72	4.65	OC	1.13	2.26	3.39	4.52	5.65
OB	1.06	2.12	3.18	4.24	5.30	OD	1.14	2.27	3.41	4.54	5.68

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	157.83	161.07	148.45	138.89	114.95	75.16	54.69	30.91	14.09	5.01
OB	157.83	155.18	152.87	143.73	122.36	87.28	59.30	39.95	18.17	4.88
OC	157.83	154.69	150.66	134.98	116.43	93.82	63.67	39.71	17.37	5.23
OD	157.83	152.53	152.08	142.53	117.22	91.21	62.98	40.79	19.85	3.63



H[m]	D[m]	Max lux	Med lux	Alpha=46.7°+42.9°	G=0.0 Máx no a G	
1.00	1.99	160	58			
2.00	3.98	40	14			
3.00	5.97	18	6			
4.00	7.96	10	4			
5.00	9.95	6	2			

H[m]	D[m]	Max lux	Med lux	Beta=48.6°+48.5°	G=0.0 Máx no a G	
1.00	2.26	160	58			
2.00	4.53	40	14			
3.00	6.79	18	6			
4.00	9.06	10	4			
5.00	11.32	6	2			

Luminaire
Code 1694XX/XX
Name PIN
Measurem.
Code
Name 2700K CRI 90

Luminaire Flux	382.79 lm	Luminaire Power	12.06 W	Efficacy	31.75 lm/W	Efficiency	100.00%
Sources Flux	382.79 lm	Maximum value	162.03 cd	Position	C=345.00 G=7.00	CG Asymmetrical	

Flujo Total=382.79 Flujo Luminaria=382.79

RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.36	0.44	0.52	0.59	0.64	0.72	0.77	0.81	0.85	0.88	0.94	0.97
RC	4	4	4	4	4	4	4	4	4	4	4	4

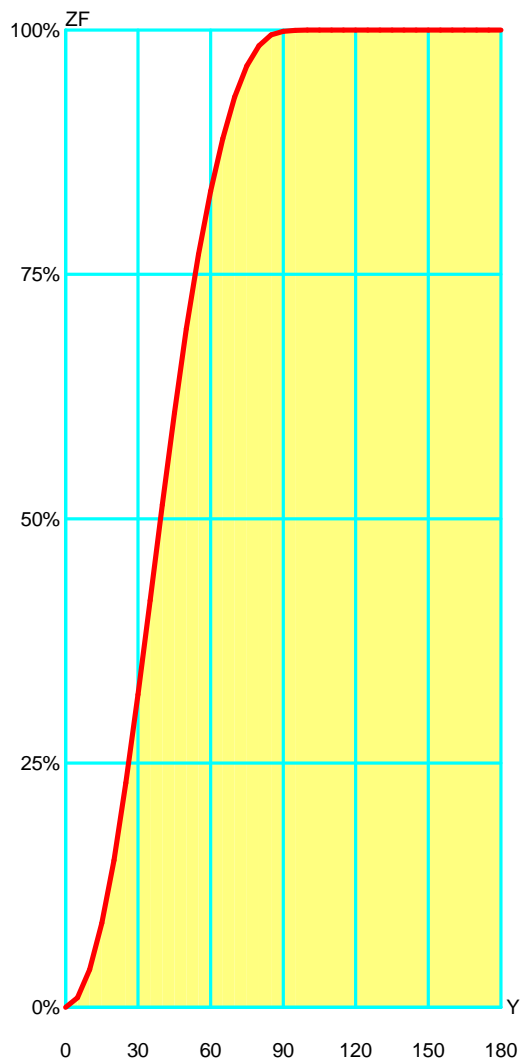
Flujo Zonal por 1000 Lúmenes

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	39	150	320	514	694	835	932	984	999	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.
54 84 97 100 100

C.I.E. 4
D DIN 5040 A40
F UTE 1.00 D
B NBN BZ 4
RN 0.11578 %
BLF 1.0

LOR 100.00000 %
ULOR 0.11578 %
DLOR 99.88422 %
UFF 0.11578 %
DFF 99.88422 %
FFR 0.11592 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	9.77	9.77	0.98 %	0.98 %
10°	28.91	38.68	2.89 %	3.87 %
15°	47.32	86.00	4.73 %	8.60 %
20°	64.48	150.48	6.45 %	15.05 %
25°	79.28	229.76	7.93 %	22.98 %
30°	90.16	319.92	9.02 %	31.99 %
35°	96.45	416.37	9.65 %	41.64 %
40°	97.78	514.15	9.78 %	51.41 %
45°	94.09	608.23	9.41 %	60.82 %
50°	86.25	694.48	8.62 %	69.45 %
55°	75.98	770.46	7.60 %	77.05 %
60°	64.84	835.30	6.48 %	83.53 %
65°	53.64	888.94	5.36 %	88.89 %
70°	42.68	931.63	4.27 %	93.16 %
75°	31.65	963.28	3.17 %	96.33 %
80°	20.83	984.11	2.08 %	98.41 %
85°	11.07	995.17	1.11 %	99.52 %
90°	3.67	998.84	0.37 %	99.88 %
95°	0.87	999.71	0.09 %	99.97 %
100°	0.29	1000.00	0.03 %	100.00 %
105°	0.00	1000.00	0.00 %	100.00 %
110°	0.00	1000.00	0.00 %	100.00 %
115°	0.00	1000.00	0.00 %	100.00 %
120°	0.00	1000.00	0.00 %	100.00 %
125°	0.00	1000.00	0.00 %	100.00 %
130°	0.00	1000.00	0.00 %	100.00 %
135°	0.00	1000.00	0.00 %	100.00 %
140°	0.00	1000.00	0.00 %	100.00 %
145°	0.00	1000.00	0.00 %	100.00 %
150°	0.00	1000.00	0.00 %	100.00 %
155°	0.00	1000.00	0.00 %	100.00 %
160°	0.00	1000.00	0.00 %	100.00 %
165°	0.00	1000.00	0.00 %	100.00 %
170°	0.00	1000.00	0.00 %	100.00 %
175°	0.00	1000.00	0.00 %	100.00 %
180°	0.00	1000.00	0.00 %	100.00 %

Luminaire
 Code 1694XX/XX
 Name PIN
Measurem.
 Code
 Name 2700K CRI 90

Luminaire Flux	382.79 lm	Luminaire Power	12.06 W	Efficacy	31.75 lm/W	Efficiency	100.00%
Sources Flux	382.79 lm	Maximum value	162.03 cd	Position	C=345.00 G=7.00	CG	Asymmetrical

Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=2.50m

