

Luminaire

Code 1686XX/XX

Name PIN

Measur.

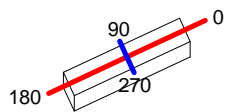
Code

Name 2700K CRI 90

Luminaire Flux	382.64 lm	Luminaire Power	12.06 W	Efficacy	31.73 lm/W	Efficiency	100.00%
Sources Flux	382.64 lm	Maximum value	93.59 cd	Position	C=270.00 G=49.00	CG	Asymmetrical
Rectangular Luminaire		Length	60 mm	Width	300 mm	Height	310 mm
Rectangular Luminous Area		Length	51 mm	Width	290 mm	Height	0 mm
Horizontal Luminous Area		0.014790 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°		0.003578 m2	
Coordinate system		CG		Symmetry Type		Asymmetrical	
Date		14-03-2016		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		382.64 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	382.64	12.06	1	
C.I.E.	40 67 86 75 100	D DIN 5040	B21			
F UTE	0.75 G + 0.25 T	B NBN	BZ 5 / 1 / BZ 6			

60mm x 300mm



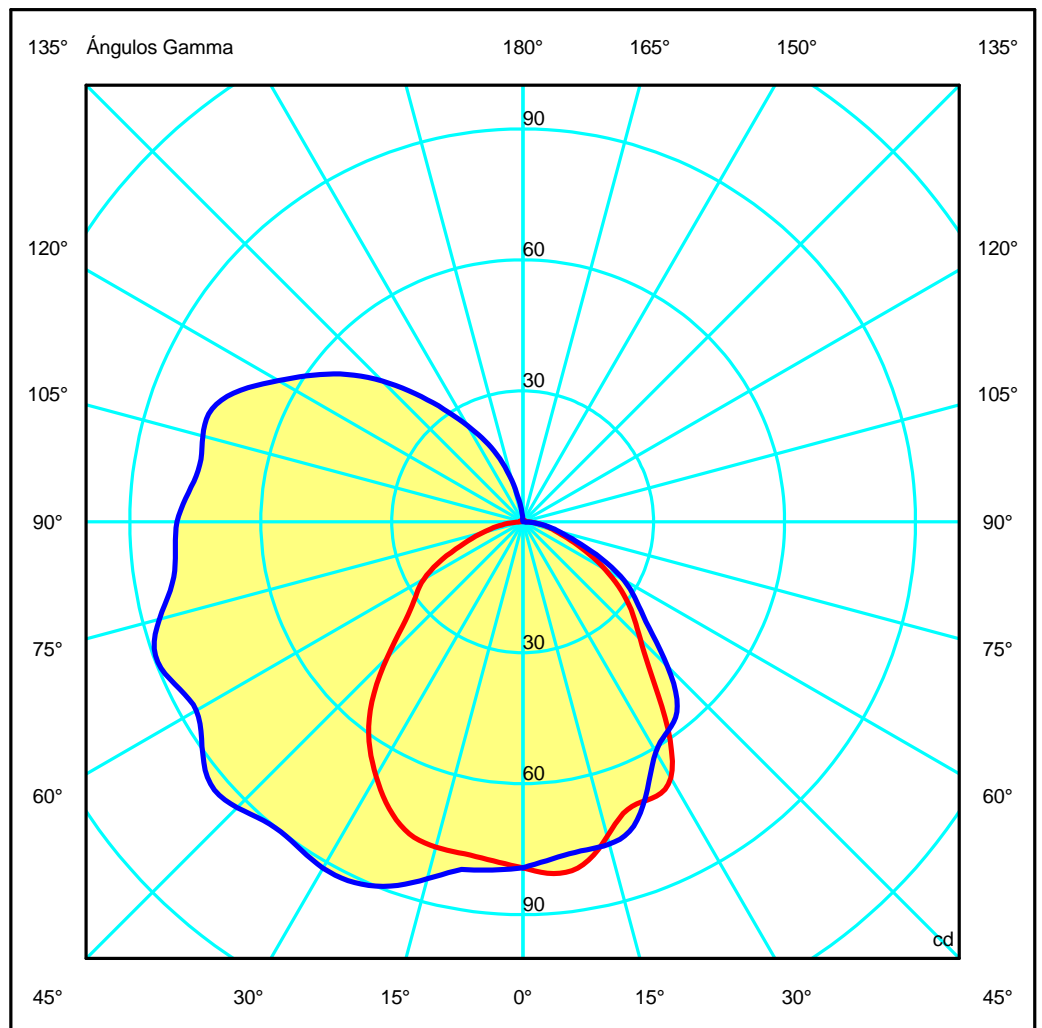
Semiplanos C

180.0 — 0.0
270.0 — 90.0

ULOR 25.15 %

DLOR 74.85 %

RN 25.15 %



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Sources Flux		382.64 lm		Maximum value		93.59 cd		Position		C=270.00 G=49.00		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	79	79	79	79	79	79	79	79	79	79	79	79	79	79	79
G 1.0	80	79	79	79	79	79	79	79	79	79	79	79	79	79	79
G 2.0	80	79	78	78	78	78	78	78	79	78	78	78	78	78	79
G 3.0	80	79	78	78	78	78	78	78	78	78	78	78	78	78	78
G 4.0	81	78	78	77	77	77	77	78	78	78	78	78	78	78	78
G 5.0	81	78	77	77	77	77	77	77	77	77	77	77	77	77	78
G 6.0	81	78	77	77	76	76	77	77	77	77	77	77	77	77	78
G 7.0	81	78	77	76	76	76	77	77	77	77	77	77	77	77	78
G 8.0	81	78	76	76	76	76	77	77	77	77	77	76	77	77	77
G 9.0	80	78	76	76	76	76	77	76	76	76	76	76	77	77	77
G 10.0	80	78	76	75	75	76	77	76	76	76	76	76	77	77	77
G 11.0	79	77	76	75	75	76	77	76	76	76	76	76	77	77	77
G 12.0	78	77	76	75	75	76	77	76	76	76	76	76	77	77	77
G 13.0	77	77	76	75	75	76	77	76	75	76	76	76	77	77	77
G 14.0	76	76	75	74	75	76	77	76	75	76	76	76	77	77	77
G 15.0	75	76	75	74	75	76	76	75	75	75	76	76	77	77	77
G 16.0	73	75	75	74	75	75	76	75	75	75	76	76	77	77	77
G 17.0	72	75	75	73	74	75	76	75	75	75	76	76	78	77	77
G 18.0	71	74	74	73	74	75	76	75	74	75	76	76	78	77	77
G 19.0	71	74	74	73	74	75	75	74	74	75	76	76	78	76	76
G 20.0	70	73	73	72	73	74	74	74	74	74	76	76	77	76	76
G 21.0	70	73	73	72	73	73	73	73	73	74	76	77	76	76	76
G 22.0	70	72	72	71	72	72	72	73	73	73	75	76	75	76	75
G 23.0	70	71	71	71	71	72	71	72	72	73	75	75	74	75	74
G 24.0	70	70	70	70	71	70	69	71	72	72	74	74	74	73	73
G 25.0	70	69	69	69	70	69	68	70	71	71	73	73	73	72	72
G 26.0	70	69	68	68	69	68	66	69	70	71	72	72	72	72	72
G 27.0	70	68	67	67	68	67	65	68	69	70	71	71	71	71	71
G 28.0	69	66	66	67	67	66	63	67	68	69	70	70	70	69	69
G 29.0	69	65	65	66	66	65	62	66	67	68	68	68	69	68	68
G 30.0	68	64	64	65	65	64	61	65	66	67	67	68	67	67	67
G 31.0	66	62	62	64	64	63	60	64	65	66	66	66	66	66	66
G 32.0	65	61	61	63	63	62	59	63	64	65	64	65	65	65	65
G 33.0	63	59	60	62	62	61	59	62	63	64	63	64	64	64	64
G 34.0	60	57	58	61	61	60	59	61	61	63	62	63	63	63	63
G 35.0	58	55	57	60	60	59	58	60	60	61	60	62	61	61	61
G 36.0	55	54	56	58	59	58	58	58	59	60	59	61	60	60	60
G 37.0	53	52	54	57	58	57	57	57	57	58	57	60	59	59	59
G 38.0	50	50	53	56	57	56	57	56	56	57	56	59	57	57	57
G 39.0	48	49	51	55	56	55	56	55	54	55	54	57	56	56	56
G 40.0	46	47	50	54	55	54	55	53	53	54	53	56	54	54	54
G 41.0	44	45	48	52	54	53	54	52	51	52	51	53	52	52	52
G 42.0	42	44	47	51	53	52	52	50	49	50	50	52	50	50	50
G 43.0	41	42	45	50	51	50	51	49	48	48	48	50	48	48	48
G 44.0	39	41	44	48	50	49	49	47	46	46	47	48	46	46	46
G 45.0	38	39	42	47	49	48	47	46	44	44	45	46	44	44	44
G 46.0	37	38	41	45	47	46	45	44	43	42	44	44	44	42	42
G 47.0	36	36	39	44	46	44	43	42	41	40	42	42	40	40	40
G 48.0	35	35	38	42	44	43	41	41	39	38	41	40	38	38	38
G 49.0	34	34	37	41	43	41	39	39	38	37	39	38	37	37	37
G 50.0	33	33	35	39	41	39	38	38	36	35	37	37	35	35	35
G 51.0	32	32	34	38	39	38	36	36	35	33	36	35	34	34	34
G 52.0	31	30	33	36	38	36	35	34	33	32	34	34	33	33	33
G 53.0	30	29	32	35	36	34	34	33	32	30	33	32	32	32	32
G 54.0	29	27	31	33	34	32	33	31	30	29	31	31	31	31	31
G 55.0	28	26	30	32	33	30	32	30	29	27	29	30	30	30	30
G 56.0	26	25	29	30	31	29	31	28	28	26	28	28	28	29	29
G 57.0	25	24	28	29	29	27	30	27	26	25	27	27	27	29	29
G 58.0	24	23	27	28	28	25	29	26	25	24	25	26	26	28	28
G 59.0	23	22	26	26	26	24	28	25	24	23	24	25	27	27	27
G 60.0	22	21	25	25	25	23	27	23	23	22	23	24	26	26	26
G 61.0	21	20	24	23	23	21	26	22	22	21	22	23	25	25	25
G 62.0	19	19	22	22	22	20	24	21	21	21	21	22	24	24	24
G 63.0	18	18	21	21	21	19	23	20	20	20	20	21	23	23	23
G 64.0	17	17	20	20	20	18	21	19	19	19	19	20	22	22	22
G 65.0	16	16	19	19	18	18	20	18	19	18	18	19	20	20	20
G 66.0	15	15	18	18	17	17	18	17	18	18	17	19	19	19	19
G 67.0	14	15	17	16	16	16	17	16	17	17	16	18	18	18	18
G 68.0	13	14	16	15	15	15	16	15	16	16	16	16	17	17	17
G 69.0	12	13	15	14	14	15	14	14	16	16	15	16	15	15	15
G 70.0	11	12	14	13	14	14	13	13	15	15	14	15	14	14	14
G 71.0	10	12	13	13	13	13	12	13	14	14	13	14	13	13	13
G 72.0	9	11	12	12	12	12	11	12	13	13	12	13	12	12	12

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Luminaire Flux	382.64 lm	Luminaire Power	12.06 W	Efficacy	31.73 lm/W	Efficiency	100.00%
Sources Flux	382.64 lm	Maximum value	93.59 cd	Position	C=270.00 G=49.00	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	79	79	79	79	79	79	79	79	79	79	79
G 1.0	79	79	79	79	79	79	79	79	80	80	80
G 2.0	79	79	79	79	79	80	79	80	80	80	80
G 3.0	79	80	80	79	79	80	80	80	80	81	81
G 4.0	79	80	80	79	79	80	80	80	81	81	81
G 5.0	79	80	80	80	80	80	80	80	81	81	82
G 6.0	79	80	80	80	80	80	80	81	81	82	82
G 7.0	79	80	80	80	80	80	81	81	82	82	82
G 8.0	79	80	80	80	80	81	81	81	82	82	82
G 9.0	79	80	80	81	81	81	81	82	82	82	82
G 10.0	79	80	81	81	81	81	82	82	82	82	81
G 11.0	79	80	81	82	82	81	82	83	83	82	81
G 12.0	78	80	81	82	83	82	83	83	83	82	80
G 13.0	78	80	82	83	83	83	83	84	83	81	79
G 14.0	78	79	82	84	84	84	84	84	83	81	78
G 15.0	78	79	82	85	85	85	85	85	83	80	77
G 16.0	78	79	82	85	86	86	85	85	83	80	76
G 17.0	78	79	83	86	86	86	86	86	83	79	75
G 18.0	77	79	83	87	87	87	87	86	83	78	74
G 19.0	77	79	83	87	88	88	87	86	83	78	73
G 20.0	77	78	83	87	88	88	88	87	83	77	72
G 21.0	76	78	83	88	88	89	88	87	83	77	71
G 22.0	76	78	83	88	88	90	89	87	83	76	71
G 23.0	75	78	83	88	88	90	89	87	84	76	71
G 24.0	74	78	83	87	88	91	90	87	84	75	70
G 25.0	74	77	83	87	88	91	90	87	84	75	70
G 26.0	73	77	82	87	89	91	90	87	84	74	70
G 27.0	72	77	82	86	89	92	90	87	83	74	69
G 28.0	72	76	82	86	89	92	90	87	83	73	69
G 29.0	71	76	82	86	89	92	91	87	83	73	68
G 30.0	70	75	81	85	89	92	90	86	83	72	67
G 31.0	70	75	81	85	89	91	90	86	82	71	66
G 32.0	69	74	80	85	89	91	90	86	81	70	64
G 33.0	68	73	80	85	89	91	90	85	81	69	63
G 34.0	67	73	79	84	89	91	90	85	80	68	61
G 35.0	67	72	79	84	89	90	89	85	79	67	59
G 36.0	66	71	78	84	89	90	89	85	78	66	58
G 37.0	65	70	77	84	89	90	89	84	77	65	56
G 38.0	64	69	77	83	89	90	89	84	76	64	54
G 39.0	62	68	76	83	89	90	89	84	75	63	52
G 40.0	61	66	75	83	89	90	89	84	75	62	51
G 41.0	60	65	74	82	89	91	89	84	74	61	49
G 42.0	59	64	72	81	88	91	89	84	73	60	48
G 43.0	57	63	71	81	88	92	90	84	72	59	47
G 44.0	56	61	69	80	88	92	90	84	72	58	45
G 45.0	54	60	68	79	88	93	91	84	71	57	44
G 46.0	52	59	67	78	88	93	91	84	70	57	43
G 47.0	51	58	65	77	87	93	91	84	70	56	43
G 48.0	49	56	64	77	87	94	92	84	69	55	42
G 49.0	47	55	63	76	87	94	92	84	68	54	41
G 50.0	45	54	61	75	87	93	92	84	68	53	40
G 51.0	44	53	60	75	87	93	92	83	67	52	39
G 52.0	42	51	59	74	87	92	92	83	67	52	38
G 53.0	41	50	58	74	86	92	91	82	66	51	37
G 54.0	39	49	58	74	86	91	91	82	65	50	36
G 55.0	38	48	57	74	86	90	90	81	65	49	35
G 56.0	36	47	56	74	86	89	89	80	64	48	34
G 57.0	35	46	56	74	86	88	89	80	63	47	33
G 58.0	34	45	55	74	86	87	88	79	62	46	32
G 59.0	32	44	55	74	85	87	87	78	61	45	32
G 60.0	31	44	55	74	85	86	87	77	61	44	31
G 61.0	30	43	55	74	85	86	86	77	60	43	30
G 62.0	29	42	55	74	85	87	86	76	59	42	29
G 63.0	29	41	55	74	85	87	85	75	58	41	28
G 64.0	28	41	55	75	85	87	85	75	57	40	27
G 65.0	27	40	55	75	85	88	85	74	56	39	26
G 66.0	26	40	55	75	85	89	84	74	55	38	25
G 67.0	26	39	55	75	85	89	84	73	54	37	24
G 68.0	25	38	55	75	85	89	84	73	53	36	23
G 69.0	24	37	55	75	85	90	83	72	52	35	22
G 70.0	24	37	55	75	85	90	83	72	51	34	22
G 71.0	23	36	55	75	85	89	83	71	50	33	21
G 72.0	22	35	54	75	85	89	83	70	50	32	20

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Luminaire Flux	382.64 lm	Luminaire Power	12.06 W	Efficacy	31.73 lm/W	Efficiency	100.00%
Sources Flux	382.64 lm	Maximum value	93.59 cd	Position	C=270.00 G=49.00	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	9	10	11	11	11	11	10	11	12	12	12	12	11
G 74.0	8	9	10	10	10	11	9	10	11	11	11	11	10
G 75.0	7	9	9	9	9	10	9	9	10	11	10	11	10
G 76.0	7	8	8	8	8	9	8	9	9	10	9	10	9
G 77.0	6	7	8	8	8	8	7	8	8	9	8	9	8
G 78.0	6	6	7	7	7	7	7	7	7	8	7	8	8
G 79.0	6	6	6	6	6	6	6	7	6	7	6	7	7
G 80.0	5	5	5	6	5	5	6	6	6	6	6	7	6
G 81.0	5	4	5	5	5	5	5	5	5	5	5	6	5
G 82.0	4	4	4	4	4	4	4	5	4	4	4	5	5
G 83.0	4	3	3	4	3	3	4	4	3	4	4	4	4
G 84.0	3	3	3	3	3	3	3	3	3	3	3	4	4
G 85.0	3	2	2	3	2	2	3	3	2	2	2	3	3
G 86.0	3	2	2	2	2	2	2	2	2	2	2	2	2
G 87.0	2	1	1	2	1	1	2	2	1	1	1	2	2
G 88.0	2	1	1	1	1	1	1	1	1	1	1	1	1
G 89.0	2	1	0	1	1	1	1	1	1	1	1	1	1
G 90.0	1	0	0	0	0	0	0	1	0	0	0	1	1
G 91.0	1	0	0	0	0	0	0	1	0	0	0	0	1
G 92.0	1	0	0	0	0	0	0	1	0	0	0	0	1
G 93.0	1	0	0	0	0	0	0	0	0	0	0	0	1
G 94.0	1	0	0	0	0	0	0	0	0	0	0	0	1
G 95.0	1	0	0	0	0	0	0	0	0	0	0	0	1
G 96.0	1	0	0	0	0	0	0	0	0	0	0	0	0
G 97.0	1	0	0	0	0	0	0	0	0	0	0	0	0
G 98.0	1	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	1
G104.0	0	0	0	0	0	0	0	0	0	0	0	0	1
G105.0	0	0	0	0	0	0	0	0	0	0	0	0	1
G106.0	0	0	0	0	0	0	0	0	0	0	0	0	1
G107.0	0	0	0	0	0	0	0	0	0	0	0	0	1
G108.0	0	0	0	0	0	0	0	0	0	0	0	0	1
G109.0	0	0	0	0	0	0	0	0	0	0	0	0	1
G110.0	0	0	0	0	0	0	0	0	0	0	0	0	1
G111.0	0	0	0	0	0	0	0	0	0	0	0	0	1
G112.0	0	0	0	0	0	0	0	0	0	0	0	0	1
G113.0	0	0	0	0	0	0	0	0	0	0	0	0	1
G114.0	0	0	0	0	0	0	0	0	0	0	0	0	1
G115.0	0	0	0	0	0	0	0	0	0	0	0	0	1
G116.0	0	0	0	0	0	0	0	0	0	0	0	0	1
G117.0	0	0	0	0	0	0	0	0	0	0	0	0	1
G118.0	0	0	0	0	0	0	0	0	0	0	0	0	1
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	1	0	0	0	0	0	0	0	0	0	0	0	0
G133.0	1	0	0	0	0	0	0	0	0	0	0	0	0
G134.0	1	0	0	0	0	0	0	0	0	0	0	0	0
G135.0	1	0	0	0	0	0	0	0	0	0	0	0	0
G136.0	1	0	0	0	0	0	0	0	0	0	0	0	0
G137.0	1	0	0	0	0	0	0	0	0	0	0	0	0
G138.0	1	0	0	0	0	0	0	0	0	0	0	0	0
G139.0	1	0	0	0	0	0	0	0	0	0	0	0	0
G140.0	1	0	0	0	0	0	0	0	0	0	0	0	0
G141.0	1	0	0	0	0	0	0	0	0	0	0	0	0
G142.0	1	0	0	0	0	0	0	0	0	0	0	0	0
G143.0	1	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 1686XX/XX

Name PIN

Measurem.

Code

Name 2700K CRI 90

Luminaire Flux	382.64 lm	Luminaire Power	12.06 W	Efficacy	31.73 lm/W	Efficiency	100.00%
Sources Flux	382.64 lm	Maximum value	93.59 cd	Position	C=270.00 G=49.00	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	22	34	54	74	85	88	82	70	49	31	19
G 74.0	21	33	54	74	84	87	82	69	48	30	18
G 75.0	20	32	54	74	84	86	82	69	47	29	17
G 76.0	20	31	53	73	83	85	81	68	47	28	17
G 77.0	19	31	53	73	83	84	80	68	46	28	16
G 78.0	18	30	52	72	83	83	80	68	45	27	15
G 79.0	17	29	52	72	82	82	79	67	45	26	14
G 80.0	17	29	51	71	82	82	79	67	44	25	13
G 81.0	16	28	50	71	81	81	79	67	43	25	13
G 82.0	15	28	49	70	81	81	79	67	43	24	12
G 83.0	14	27	48	70	80	80	78	67	42	24	11
G 84.0	13	27	47	69	79	80	78	68	41	23	10
G 85.0	12	27	47	69	79	80	77	68	41	23	10
G 86.0	12	27	46	69	78	80	76	68	40	23	9
G 87.0	11	27	45	68	78	80	76	68	40	22	8
G 88.0	10	27	45	68	77	80	75	68	39	22	8
G 89.0	10	26	44	68	77	79	75	68	39	22	8
G 90.0	10	26	44	67	77	79	75	68	38	22	7
G 91.0	10	26	44	67	76	79	75	67	38	22	7
G 92.0	10	26	44	67	76	78	75	67	37	22	7
G 93.0	10	25	44	67	76	78	75	66	37	22	7
G 94.0	10	25	45	67	76	77	75	65	37	21	7
G 95.0	10	25	45	66	75	77	75	65	37	21	8
G 96.0	10	24	46	66	75	76	76	64	37	21	8
G 97.0	10	24	46	66	75	76	76	63	37	21	8
G 98.0	10	24	46	66	75	76	76	62	37	21	8
G 99.0	10	23	47	65	75	75	76	61	37	22	8
G100.0	10	23	47	65	75	75	75	61	37	22	8
G101.0	10	23	46	65	75	75	75	60	37	22	9
G102.0	10	23	46	64	75	75	75	59	37	22	9
G103.0	10	23	45	64	75	75	75	59	38	22	9
G104.0	10	22	45	64	75	76	75	59	38	22	9
G105.0	10	22	44	63	74	76	75	58	38	22	9
G106.0	10	22	43	63	74	76	74	58	39	22	9
G107.0	10	22	42	62	74	76	74	58	39	22	9
G108.0	10	22	41	61	74	76	74	58	39	22	9
G109.0	9	22	40	61	73	76	74	57	39	22	9
G110.0	9	22	39	60	73	76	73	57	39	23	8
G111.0	9	22	38	59	72	75	73	57	39	22	8
G112.0	9	22	37	59	71	74	72	56	39	22	8
G113.0	9	21	36	58	70	74	72	56	39	22	8
G114.0	9	21	36	57	70	73	71	56	39	22	8
G115.0	8	21	35	56	69	71	70	55	38	21	8
G116.0	8	21	34	55	68	70	69	55	38	21	8
G117.0	8	21	34	55	66	69	68	54	37	20	8
G118.0	8	20	33	54	65	67	67	53	37	20	8
G119.0	8	20	33	53	64	66	66	53	36	20	8
G120.0	8	20	32	52	63	65	65	52	36	19	8
G121.0	8	20	32	51	62	63	63	51	35	19	7
G122.0	8	20	31	50	61	62	62	50	35	19	7
G123.0	7	19	31	49	60	61	60	49	34	19	7
G124.0	7	19	30	47	58	60	59	48	33	19	7
G125.0	7	19	30	46	57	59	57	47	33	18	7
G126.0	7	19	29	45	56	57	56	46	32	18	7
G127.0	7	18	29	44	55	56	54	45	31	18	7
G128.0	7	18	28	43	53	55	52	44	31	18	7
G129.0	7	18	27	41	52	54	51	43	30	18	7
G130.0	7	18	27	40	50	53	50	42	29	17	7
G131.0	7	17	26	39	49	51	48	41	28	17	7
G132.0	7	17	26	37	48	50	47	40	28	17	7
G133.0	6	17	25	36	46	48	46	39	27	16	6
G134.0	6	16	24	34	44	47	45	38	26	16	6
G135.0	6	16	24	33	43	46	44	37	25	15	6
G136.0	6	15	23	32	41	44	43	36	24	15	6
G137.0	6	15	22	30	40	43	42	35	23	14	6
G138.0	5	15	22	29	38	41	41	34	22	14	6
G139.0	5	14	21	28	36	40	39	33	22	13	5
G140.0	5	14	21	27	35	38	38	32	21	13	5
G141.0	5	13	20	26	33	37	37	30	20	12	5
G142.0	4	13	19	25	32	36	35	29	19	12	5
G143.0	4	12	19	24	30	34	34	28	19	12	5
G144.0	4	12	18	23	29	33	32	27	18	11	5
G145.0	4	12	18	22	28	31	31	25	17	11	5

Luminaire

Code 1686XX/XX

Name PIN

Measur.

Code

Name 2700K CRI 90

Luminaire Flux	382.64 lm	Luminaire Power	12.06 W	Efficacy	31.73 lm/W	Efficiency	100.00%
Sources Flux	382.64 lm	Maximum value	93.59 cd	Position	C=270.00 G=49.00	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 1686XX/XX
 Name PIN
Measur.
 Code
 Name 2700K CRI 90

Luminaire Flux	382.64 lm	Luminaire Power	12.06 W	Efficacy	31.73 lm/W	Efficiency	100.00%
Sources Flux	382.64 lm	Maximum value	93.59 cd	Position	C=270.00 G=49.00	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	4	11	17	21	26	30	29	24	17	10	4
G147.0	4	11	17	21	25	29	28	23	16	10	4
G148.0	3	10	16	20	24	28	26	22	15	10	4
G149.0	3	10	15	19	23	27	25	20	15	9	4
G150.0	3	9	15	19	22	25	23	19	14	9	4
G151.0	3	9	14	18	21	24	22	18	14	9	4
G152.0	3	9	14	17	20	23	21	17	13	8	4
G153.0	3	8	13	16	19	22	20	16	12	8	3
G154.0	3	8	13	16	18	21	19	15	12	7	3
G155.0	3	7	12	15	18	20	18	14	11	7	3
G156.0	3	7	11	14	17	19	17	13	10	7	3
G157.0	2	6	11	14	16	18	16	13	10	6	3
G158.0	2	6	10	13	15	17	15	12	9	6	3
G159.0	2	6	9	12	15	16	14	11	9	5	3
G160.0	2	5	9	12	14	15	13	10	8	5	2
G161.0	2	5	8	11	13	14	12	10	7	5	2
G162.0	2	5	8	10	12	13	11	9	7	4	2
G163.0	2	4	7	9	11	12	10	8	6	4	2
G164.0	2	4	7	9	10	11	10	8	6	4	2
G165.0	2	4	6	8	9	10	9	7	5	4	2
G166.0	2	3	6	7	8	9	8	6	5	3	2
G167.0	2	3	5	6	7	8	7	6	4	3	2
G168.0	1	3	5	6	7	7	6	5	4	3	1
G169.0	1	3	4	5	6	6	5	5	4	3	1
G170.0	1	2	4	4	5	5	5	4	3	2	1
G171.0	1	2	3	4	4	4	4	4	3	2	1
G172.0	1	2	3	3	4	4	4	3	3	2	1
G173.0	1	2	2	3	3	3	3	3	2	2	1
G174.0	1	2	2	2	3	2	3	2	2	1	1
G175.0	1	1	2	2	2	2	2	2	2	1	1
G176.0	1	1	1	2	2	2	2	2	1	1	1
G177.0	1	1	1	1	1	1	1	1	1	1	1
G178.0	0	1	1	1	1	1	1	1	1	1	0
G179.0	0	0	1	1	1	1	1	1	1	0	0
G180.0	0	0	0	0	0	0	0	0	0	0	0

Luminaire

Code 1686XX/XX

Name PIN

Measur.

Code

Name 2700K CRI 90

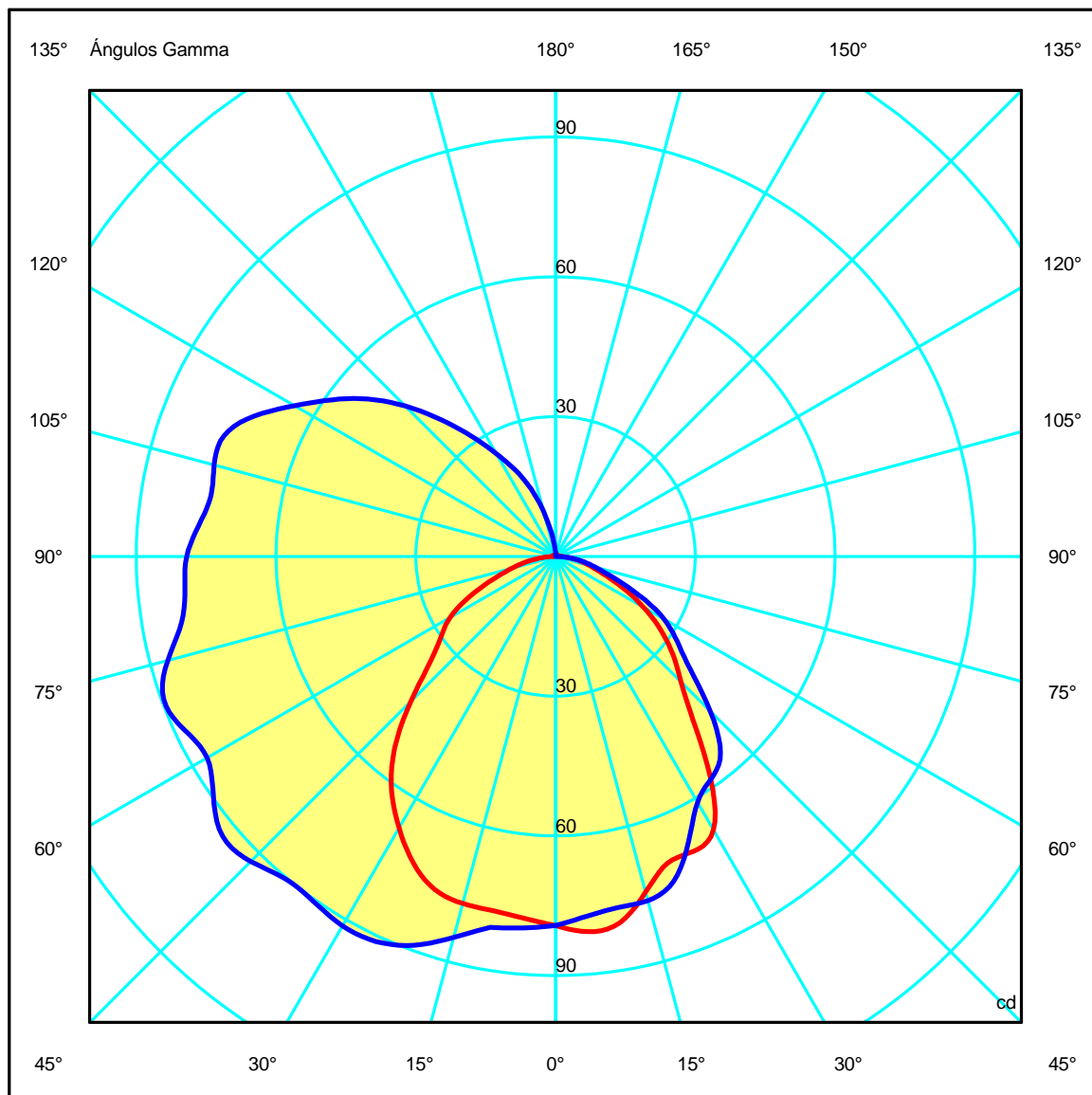
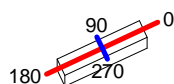
Luminaire Flux	382.64 lm	Luminaire Power	12.06 W	Efficacy	31.73 lm/W	Efficiency	100.00%
Sources Flux	382.64 lm	Maximum value	93.59 cd	Position	C=270.00 G=49.00	CG	Asymmetrical

60mm x 300mm

Semiplanos C

180.0 — 0.0

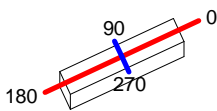
270.0 — 90.0



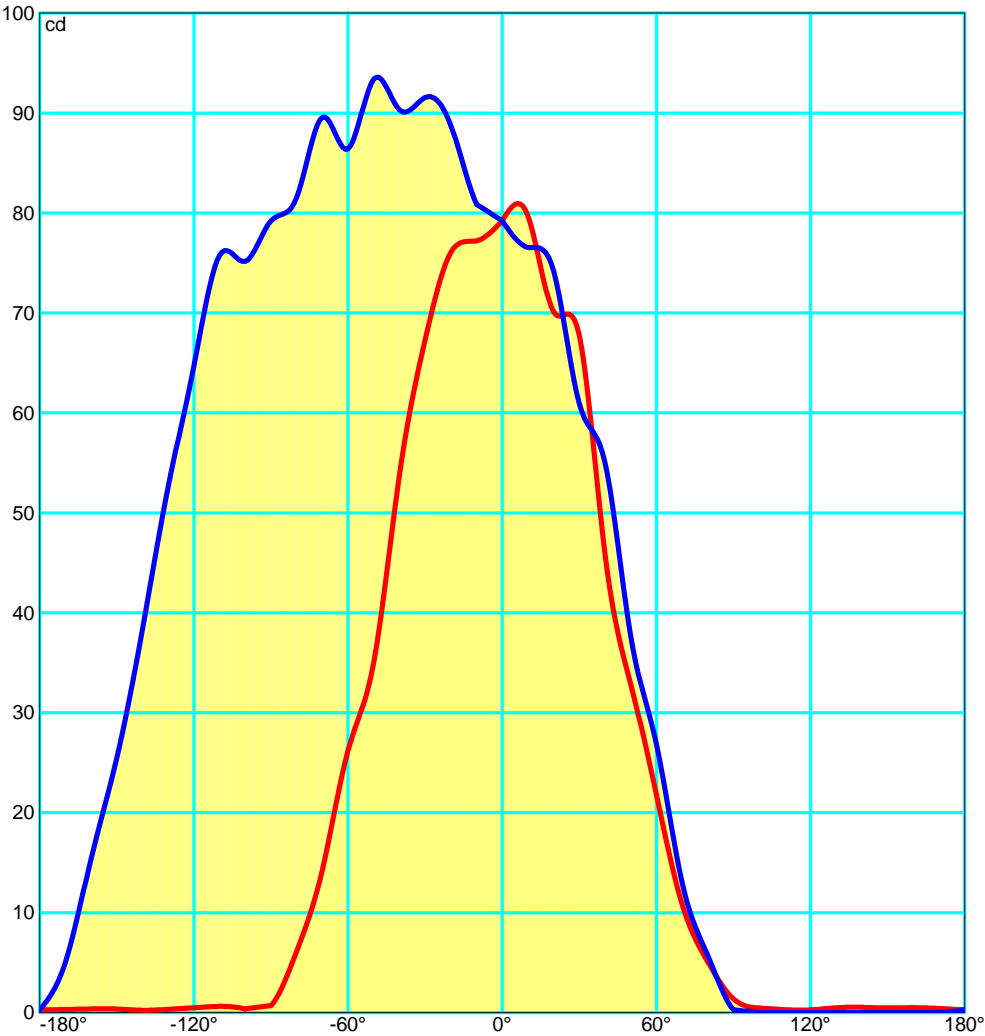
Luminaire
 Code 1686XX/XX
 Name PIN
Measurem.
 Code
 Name 2700K CRI 90

Luminaire Flux	382.64 lm	Luminaire Power	12.06 W	Efficacy	31.73 lm/W	Efficiency	100.00%
Sources Flux	382.64 lm	Maximum value	93.59 cd	Position	C=270.00 G=49.00	CG	Asymmetrical

60mm x 300mm



Semiplanos C
 180.0 ————— 0.0
 270.0 ————— 90.0



Luminaire

Code 1686XX/XX

Name PIN

Measurem.

Code

Name 2700K CRI 90

Luminaire Flux	382.64 lm	Luminaire Power	12.06 W	Efficacy	31.73 lm/W	Efficiency	100.00%
Sources Flux	382.64 lm	Maximum value	93.59 cd	Position	C=270.00 G=49.00	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	14.8	15.9	15.5	16.6	17.3	21.0	22.1	21.6	22.7	23.4
x=2H y=3H	16.2	17.2	16.8	17.8	18.6	24.5	25.5	25.1	26.1	26.9
x=2H y=4H	16.7	17.7	17.4	18.4	19.1	26.4	27.3	27.0	28.0	28.8
x=2H y=6H	17.2	18.0	17.9	18.7	19.6	28.4	29.3	29.1	30.0	30.8
x=2H y=8H	17.3	18.1	18.0	18.9	19.7	29.5	30.3	30.2	31.1	31.9
x=2H y=12H	17.4	18.2	18.1	18.9	19.7	30.8	31.6	31.5	32.3	33.2
x=4H y=2H	16.6	17.5	17.3	18.2	19.0	21.5	22.4	22.2	23.1	23.9
x=4H y=3H	18.3	19.1	19.0	19.8	20.6	25.3	26.1	26.0	26.8	27.6
x=4H y=4H	19.0	19.7	19.7	20.5	21.3	27.4	28.2	28.2	28.9	29.8
x=4H y=6H	19.6	20.3	20.4	21.0	21.9	29.7	30.4	30.5	31.1	32.0
x=4H y=8H	19.9	20.5	20.6	21.2	22.1	31.0	31.6	31.8	32.4	33.3
x=4H y=12H	20.0	20.5	20.8	21.3	22.3	32.5	33.0	33.2	33.8	34.7
x=8H y=4H	21.1	21.7	21.9	22.4	23.4	27.8	28.4	28.5	29.1	30.0
x=8H y=6H	22.0	22.5	22.8	23.3	24.3	30.4	30.9	31.2	31.7	32.6
x=8H y=8H	22.4	22.9	23.2	23.7	24.6	32.0	32.4	32.8	33.2	34.2
x=8H y=12H	22.7	23.1	23.5	23.9	24.9	33.7	34.1	34.5	34.9	35.9
x=12H y=4H	21.9	22.4	22.7	23.2	24.1	27.8	28.3	28.5	29.1	30.0
x=12H y=6H	23.1	23.6	24.0	24.4	25.4	30.5	30.9	31.3	31.8	32.7
x=12H y=8H	23.7	24.1	24.5	24.9	25.9	32.2	32.5	33.0	33.4	34.3

Luminaire

Code 1686XX/XX

Name PIN

Measurem.

Code

Name 2700K CRI 90

Luminaire Flux	382.64 lm	Luminaire Power	12.06 W	Efficacy	31.73 lm/W	Efficiency	100.00%
Sources Flux	382.64 lm	Maximum value	93.59 cd	Position	C=270.00 G=49.00	CG Asymmetrical	

Could not find 90270 left beam angle•gamma0180=0

Could not find 90270 left beam angle•gamma0180=0

Could not find 90270 left beam angle•gamma0180=0

Luminaire
Code 1686XX/XX
Name PIN
Measur.
Code
Name 2700K CRI 90

Luminaire Flux	382.64 lm	Luminaire Power	12.06 W	Efficacy	31.73 lm/W	Efficiency	100.00%
Sources Flux	382.64 lm	Maximum value	93.59 cd	Position	C=270.00 G=49.00	CG Asymmetrical	

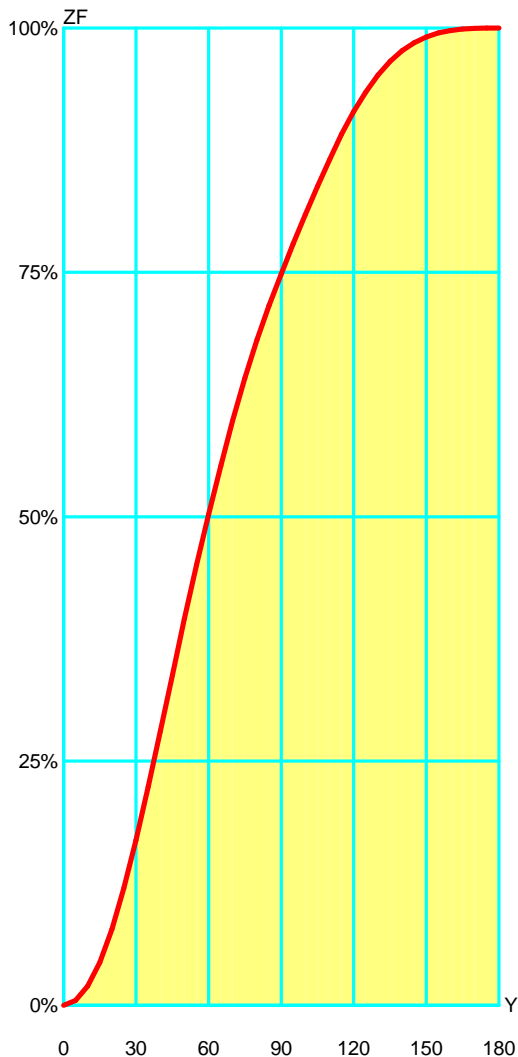
Flujo Total=382.64 Flujo Luminaria=382.64

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	0.26	0.33	0.39	0.46	0.51	0.59	0.65	0.69	0.75	0.78	0.87	0.93
RC	6	6	6	7	7	7	7	7	7	7	7	7

	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)	20	78	169	280	395	503	599	681	749	809	866	914	952	977	991	998	1000	1000

Códigos de Flujo C.I.E.
40 67 86 75 100

C.I.E.	6/6/6/7/7/7/7/7/7/7/7	LOR	100.00000 %
D DIN 5040	B21	ULOR	25.14548 %
F UTE	0.75 G + 0.25 T	DLOR	74.85452 %
B NBN	BZ 5 / 1 / BZ 6	UFF	25.14548 %
RN	25.14548 %	DFF	74.85452 %
BLF	1.0	FFR	33.59247 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	4.93	4.93	0.49 %	0.49 %
10°	14.71	19.65	1.47 %	1.96 %
15°	24.38	44.02	2.44 %	4.40 %
20°	33.75	77.78	3.38 %	7.78 %
25°	42.22	120.00	4.22 %	12.00 %
30°	49.12	169.12	4.91 %	16.91 %
35°	54.11	223.23	5.41 %	22.32 %
40°	57.02	280.25	5.70 %	28.03 %
45°	57.93	338.18	5.79 %	33.82 %
50°	57.11	395.28	5.71 %	39.53 %
55°	55.01	450.29	5.50 %	45.03 %
60°	52.23	502.52	5.22 %	50.25 %
65°	49.42	551.94	4.94 %	55.19 %
70°	46.62	598.56	4.66 %	59.86 %
75°	43.27	641.82	4.33 %	64.18 %
80°	39.23	681.06	3.92 %	68.11 %
85°	35.32	716.38	3.53 %	71.64 %
90°	32.17	748.55	3.22 %	74.85 %
95°	30.60	779.15	3.06 %	77.91 %
100°	29.77	808.91	2.98 %	80.89 %
105°	28.90	837.81	2.89 %	83.78 %
110°	27.73	865.54	2.77 %	86.55 %
115°	25.81	891.35	2.58 %	89.14 %
120°	23.14	914.49	2.31 %	91.45 %
125°	20.17	934.67	2.02 %	93.47 %
130°	17.13	951.79	1.71 %	95.18 %
135°	14.01	965.81	1.40 %	96.58 %
140°	10.98	976.78	1.10 %	97.68 %
145°	8.23	985.01	0.82 %	98.50 %
150°	5.90	990.92	0.59 %	99.09 %
155°	4.05	994.96	0.40 %	99.50 %
160°	2.60	997.56	0.26 %	99.76 %
165°	1.48	999.04	0.15 %	99.90 %
170°	0.69	999.72	0.07 %	99.97 %
175°	0.24	999.96	0.02 %	100.00 %
180°	0.04	1000.00	0.00 %	100.00 %

Luminaire
 Code 1686XX/XX
 Name PIN
Measur.
 Code
 Name 2700K CRI 90

Luminaire Flux	382.64 lm	Luminaire Power	12.06 W	Efficacy	31.73 lm/W	Efficiency	100.00%
Sources Flux	382.64 lm	Maximum value	93.59 cd	Position	C=270.00 G=49.00	CG	Asymmetrical

Isolux (Floor)

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

