

## Luminaria

Código 05-E162-14-EH\_4000\_DOWN  
Nombre NEMESIS SLIM

## Ensayo

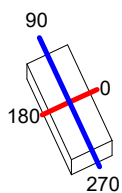
Código 05-E162-14-EH\_4000\_DOWN  
Nombre NEMESIS SLIM

Flujo Luminaria	792 lm	Potencia Luminaria	8.8 W	Eficacia	90.008 lm/W	Eficiencia	100.01%
Flujo Fuente	792 lm	Valor Máximo	446.43 cd/klm	Posición	C=180.00 G=2.00	CG	Asimétrico
Luminaria Rectangular	Longit.	193 mm	Anchura	82 mm	Altura	46 mm	
Área Luminosa Rectangular	Longit.	170 mm	Anchura	42 mm	Altura	0 mm	
Área Luminosa Horizontal		0.007140 m2		Área Emisión sobre Pl. 180°		0.000000 m2	
Área Emisión sobre Pl. 0°		0.000000 m2		Área Emisión sobre Pl. 270°		0.000000 m2	
Área Emisión sobre Pl. 90°		0.000000 m2		Área de deslumbramiento a 76°		0.001727 m2	
Sist. de Coorden.	CG		Tipo de Simetría		Asimétrico		
Fecha	04-07-2023		Máximo Ángulo Gamma		90		
Distancia de Ensayo	0.00		Flujo de Ensayo		799 lm		
Operador	qualitat		Tensión Nominal				
Temperatura			Corriente Nominal				
Humedad			Fotocélula				
Notas							

## Fuentes de luz de la Luminaria

Familia	Código LED	Nombre LED	Flujo [lm]	Pot. [W]	Cant.
			792.00	8.80	1
C.I.E.	55 85 97 100 100	D DIN 5040	A40		
F UTE	1.00 D	B NBN	BZ 3 / 4 / BZ 4		

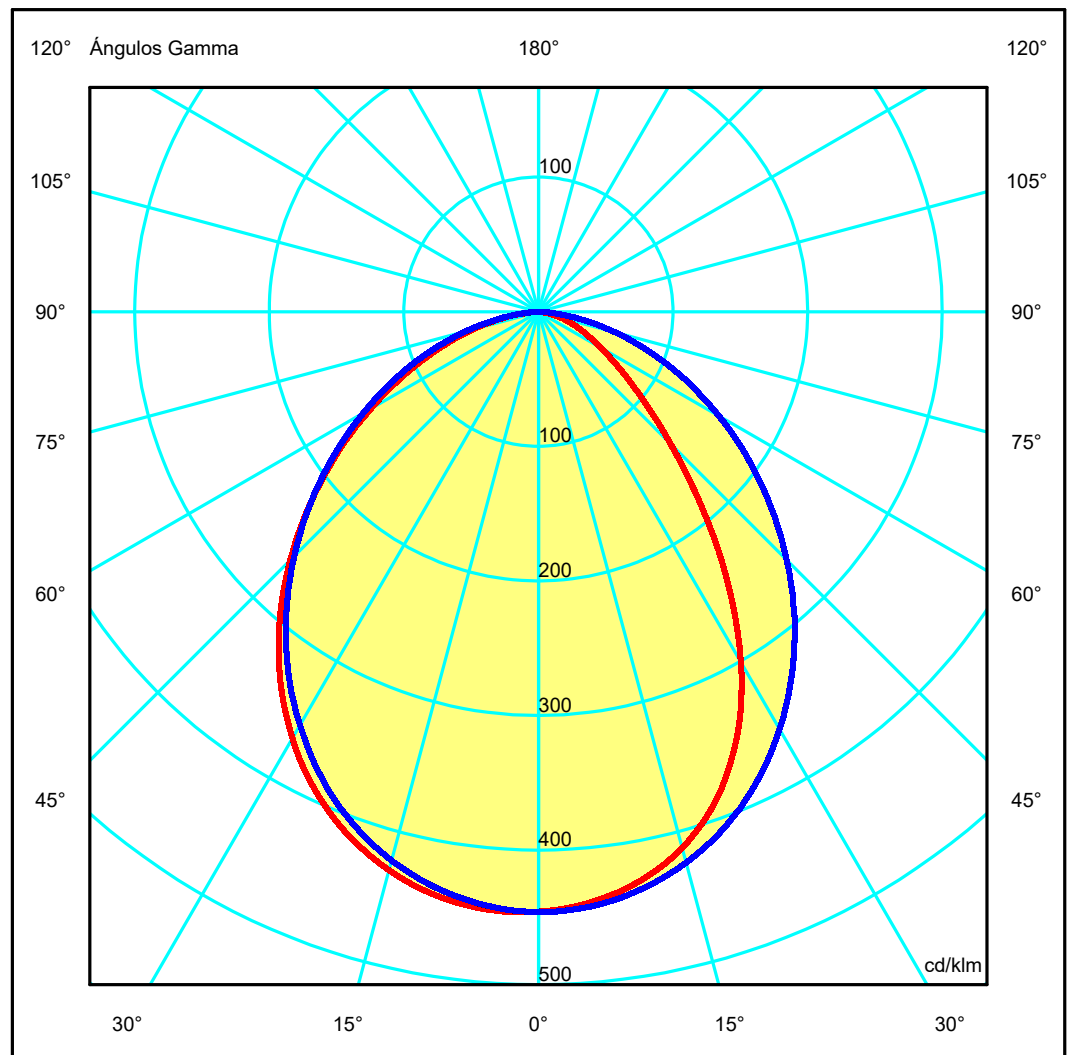
193mm x 82mm



Semiplanos C

180.0 — 0.0  
270.0 — 90.0

ULOR 0.00 %  
DLOR 100.01 %  
RN 0.00 %





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Flujo Luminaria 792 lm Potencia Luminaria 8.8 W Eficacia 90.008 lm/W Eficiencia 100.01%

Flujo Fuente 792 lm Valor Máximo 446.43 cd/klm Posición C=180.00 G=2.00 CG Asimétrico

**Tabla de Intensidad Luminosa cd/klm Tabla 2/4**

	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	445.32	445.27	444.41	444.95	445.08	445.98	446.03	445.86	445.82	445.79	445.77
G 1.0	445.71	445.66	444.58	445.18	445.14	445.77	445.84	445.45	445.32	445.27	445.14
G 2.0	445.75	445.75	444.62	445.13	444.79	445.45	445.37	444.80	444.80	444.47	444.34
G 3.0	445.71	445.66	444.37	444.68	444.27	444.73	444.66	443.95	443.81	443.45	443.42
G 4.0	445.35	445.32	443.89	444.12	443.65	443.94	443.84	443.13	442.91	442.35	442.27
G 5.0	444.93	444.73	443.13	443.38	442.69	442.77	442.79	441.88	441.59	441.02	440.84
G 6.0	444.15	443.84	442.33	442.61	441.72	441.60	441.44	440.60	440.29	439.56	439.32
G 7.0	443.18	442.94	441.16	441.23	440.33	440.09	439.93	438.92	438.62	437.69	437.45
G 8.0	442.12	441.84	439.82	439.97	438.96	438.55	438.18	437.14	436.77	435.73	435.32
G 9.0	440.75	440.45	438.52	438.43	437.24	436.74	436.31	435.08	434.58	433.44	433.08
G 10.0	439.18	438.86	436.72	436.63	435.39	434.85	434.24	432.93	432.36	430.91	430.44
G 11.0	437.50	437.05	435.08	434.86	433.42	432.60	431.98	430.53	429.68	428.22	427.62
G 12.0	435.51	435.16	432.78	432.60	430.97	430.21	429.48	427.79	426.87	425.22	424.53
G 13.0	433.30	432.91	430.72	430.64	428.86	427.72	426.89	425.03	423.91	421.91	421.24
G 14.0	430.77	430.53	428.10	427.89	425.99	424.86	423.88	421.75	420.55	418.34	417.44
G 15.0	428.24	427.95	425.52	425.38	423.32	422.15	421.03	418.58	417.06	414.48	413.59
G 16.0	425.40	425.14	422.69	422.19	420.15	418.76	417.46	414.84	413.08	410.26	409.07
G 17.0	422.28	422.22	419.60	419.26	417.20	415.64	414.21	411.35	409.30	405.91	404.38
G 18.0	419.09	418.82	416.52	415.87	413.78	411.89	410.29	407.32	404.74	401.08	399.13
G 19.0	415.69	415.50	412.71	412.36	410.08	408.27	406.60	403.24	400.57	396.00	393.72
G 20.0	411.93	411.72	409.37	408.79	406.41	404.34	402.53	398.88	395.57	390.60	387.82
G 21.0	407.99	407.88	405.07	404.76	402.24	400.22	398.30	394.15	390.62	384.75	381.48
G 22.0	404.00	403.77	401.32	400.96	398.30	395.94	393.91	389.59	385.30	378.62	374.86
G 23.0	399.72	399.64	396.82	396.40	393.54	391.37	389.17	384.44	379.58	371.89	367.40
G 24.0	395.36	395.18	392.64	392.44	389.29	386.86	384.78	379.76	373.90	364.99	359.98
G 25.0	390.74	390.55	388.00	387.46	384.30	381.64	379.54	374.06	367.26	357.74	352.07
G 26.0	386.06	385.99	383.33	382.89	379.72	376.84	374.68	368.61	361.12	350.34	344.03
G 27.0	380.96	380.85	378.64	377.78	374.46	371.26	368.90	362.61	354.22	342.50	335.24
G 28.0	375.75	375.88	373.13	372.44	369.03	365.95	363.52	356.72	347.60	334.44	326.12
G 29.0	370.11	370.28	368.06	367.13	363.64	360.32	357.78	350.54	340.11	325.93	316.67
G 30.0	364.30	364.66	362.02	361.37	357.85	354.63	352.05	343.96	332.79	317.19	306.49
G 31.0	358.56	358.93	356.78	356.13	352.63	349.11	346.17	337.55	324.97	307.97	296.22
G 32.0	352.49	353.15	350.50	349.94	346.38	343.01	339.87	330.39	316.95	298.33	285.50
G 33.0	346.40	347.10	344.80	344.45	340.78	337.32	333.91	323.79	308.97	288.64	274.69
G 34.0	339.89	340.63	338.52	337.92	334.38	330.75	327.21	316.26	300.39	278.52	263.33
G 35.0	333.42	334.26	332.24	331.97	328.44	324.71	321.01	309.20	292.20	268.38	252.27
G 36.0	326.62	327.55	325.97	325.41	321.91	317.96	314.04	301.46	283.05	257.89	240.72
G 37.0	319.83	321.06	319.19	319.17	315.57	311.68	307.49	294.06	274.48	247.55	229.43
G 38.0	312.86	314.09	312.93	312.74	309.16	304.92	300.57	286.48	265.14	237.33	218.18
G 39.0	305.65	307.33	305.72	305.89	302.29	298.27	293.66	278.50	256.08	227.10	206.99
G 40.0	298.36	300.15	299.32	299.57	295.86	291.63	286.65	270.75	246.66	216.62	195.97
G 41.0	290.92	293.10	291.99	292.39	288.74	284.56	279.42	262.36	237.32	205.95	185.60
G 42.0	283.45	285.87	285.29	285.91	282.18	277.96	272.42	254.54	227.94	195.73	175.24
G 43.0	275.82	278.31	277.98	278.40	274.87	270.64	264.80	246.04	218.46	185.50	164.98
G 44.0	268.42	271.08	270.93	271.79	268.30	263.92	257.90	238.26	209.74	175.82	155.47
G 45.0	260.47	263.25	263.71	264.33	260.93	256.51	250.23	230.47	200.11	166.27	146.22
G 46.0	252.81	255.94	256.11	257.30	253.98	249.61	243.13	222.54	191.37	157.34	137.53
G 47.0	244.92	248.19	248.97	250.18	246.79	242.29	235.52	214.43	182.65	148.42	129.22
G 48.0	237.34	240.76	241.15	242.80	239.94	235.41	228.19	206.25	174.10	140.09	121.38
G 49.0	229.76	232.90	234.63	235.77	233.09	228.53	220.78	198.29	165.30	131.99	113.93
G 50.0	221.86	225.31	226.76	228.18	225.60	221.21	213.41	190.10	157.03	124.29	106.89
G 51.0	214.04	217.66	219.65	221.31	218.81	214.26	206.18	182.46	148.99	117.00	100.45
G 52.0	206.14	210.02	212.08	213.71	211.29	206.78	198.55	174.44	141.14	110.01	94.31
G 53.0	198.36	202.50	204.79	206.84	204.48	199.95	191.52	167.03	133.84	103.48	88.62
G 54.0	190.53	194.61	197.47	199.36	197.10	192.52	184.51	159.34	126.36	97.25	83.25
G 55.0	182.89	187.30	190.08	192.33	190.15	185.66	177.51	152.18	119.56	91.51	78.23
G 56.0	175.07	179.98	182.93	185.38	182.99	178.37	170.14	144.81	112.56	85.86	73.45
G 57.0	167.31	172.73	175.39	178.44	175.75	171.36	163.01	137.70	106.26	80.72	69.04
G 58.0	159.71	165.10	168.38	171.52	168.86	164.30	155.99	130.85	99.96	75.81	64.76
G 59.0	152.12	157.80	160.93	164.17	161.62	157.26	148.89	123.92	94.05	71.15	60.68
G 60.0	144.88	150.35	153.91	157.40	154.93	150.58	142.17	117.50	88.38	66.75	56.95
G 61.0	137.53	143.15	146.69	150.08	147.84	143.55	135.21	110.83	82.95	62.59	53.40
G 62.0	130.52	136.08	139.70	143.45	141.31	137.04	128.71	104.78	77.93	58.67	50.13
G 63.0	123.36	128.82	132.74	136.24	134.35	130.14	121.88	98.54	72.90	54.88	46.92
G 64.0	116.63	122.06	125.81	129.63	127.79	123.68	115.57	92.79	68.31	51.37	43.94
G 65.0	109.80	115.09	119.18	122.84	121.11	117.05	109.05	87.02	63.68	47.86	41.12
G 66.0	103.23	108.64	112.30	116.21	114.52	110.65	102.85	81.44	59.45	44.62	38.40
G 67.0	96.75	101.96	105.90	109.77	108.14	104.28	96.61	76.11	55.24	41.47	35.81
G 68.0	90.43	95.68	99.23	103.14	101.56	97.93	90.53	70.78	51.35	38.49	33.32
G 69.0	84.32	89.24	93.01	96.90	95.39	91.86	84.63	65.89	47.50	35.64	30.97
G 70.0	78.27	83.10	86.59	90.30	88.97	85.56	78.65	60.83	43.87	32.90	28.65
G 71.0	72.52	77.06	80.49	84.23	82.98	79.66	73.12	56.16	40.45	30.35	26.50
G 72.0	66.82	71.18	74.49	77.92	76.79	73.66	67.43	51.56	37.08	27.80	24.42

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Flujo Luminaria	792 lm	Potencia Luminaria	8.8 W	Eficacia	90.008 lm/W	Eficiencia	100.01%
Flujo Fuente	792 lm	Valor Máximo	446.43 cd/klm	Posición	C=180.00 G=2.00	CG	Asimétrico

**Tabla de Intensidad Luminosa cd/klm**
**Tabla 3/4**

	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	21.12	22.76	26.41	35.63	49.53	64.34	70.74	71.88	72.57	68.86	65.68	61.31	60.78
G 74.0	19.23	20.71	23.98	32.37	45.05	58.60	64.89	65.85	66.59	63.02	59.96	55.87	55.51
G 75.0	17.41	18.72	21.66	29.25	40.68	53.39	59.08	59.96	60.66	57.28	54.56	50.71	50.34
G 76.0	15.61	16.81	19.40	26.18	36.53	47.99	53.50	54.25	54.94	51.75	49.17	45.61	45.37
G 77.0	13.89	14.96	17.22	23.35	32.37	42.89	47.86	48.52	49.19	46.16	43.96	40.67	40.52
G 78.0	12.24	13.22	15.13	20.51	28.57	37.99	42.55	43.10	43.76	40.96	38.93	35.96	35.92
G 79.0	10.62	11.50	13.15	17.94	24.78	33.14	37.32	37.72	38.38	35.79	34.06	31.57	31.39
G 80.0	9.12	9.89	11.26	15.35	21.25	28.69	32.37	32.69	33.29	31.04	29.49	27.19	27.19
G 81.0	7.67	8.36	9.48	13.03	17.89	24.23	27.54	27.77	28.31	26.28	25.02	23.01	23.21
G 82.0	6.31	6.93	7.82	10.74	14.73	20.21	23.13	23.17	23.78	21.84	20.95	19.09	19.23
G 83.0	5.05	5.57	6.28	8.68	11.83	16.24	18.72	18.75	19.25	17.62	16.88	15.34	15.58
G 84.0	3.86	4.33	4.84	6.76	9.08	12.70	14.71	14.69	15.17	13.72	13.23	11.95	12.22
G 85.0	2.67	3.19	3.65	5.01	6.69	9.41	11.05	10.90	11.46	10.15	9.79	8.87	9.20
G 86.0	1.75	2.32	2.46	3.46	4.70	6.46	7.69	7.59	8.02	6.90	6.87	6.21	6.54
G 87.0	1.11	1.44	1.56	2.33	2.70	3.97	4.75	4.94	4.97	4.59	4.40	4.19	4.27
G 88.0	0.73	0.84	0.89	1.20	1.38	2.44	2.40	2.30	2.55	2.28	2.78	2.18	2.66
G 89.0	0.35	0.48	0.65	0.65	0.63	0.92	0.98	0.94	1.14	0.00	1.16	0.16	1.05
G 90.0	0.23	0.12	0.40	0.48	0.46	0.53	0.42	0.44	0.50	0.00	0.51	0.00	0.39

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Tabla de Intensidad Luminosa cd/klm

Tabla 4/4

	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	61.31	65.48	68.54	72.06	70.94	67.92	62.09	47.18	33.94	25.41	22.34
G 74.0	55.92	59.83	62.83	66.11	65.08	62.19	56.72	42.90	30.75	23.08	20.31
G 75.0	50.73	54.47	57.13	60.33	59.32	56.63	51.57	38.77	27.85	20.85	18.39
G 76.0	45.65	49.12	51.63	54.71	53.72	51.12	46.48	34.76	24.93	18.69	16.51
G 77.0	40.72	44.01	46.12	49.06	48.11	45.72	41.49	31.02	22.23	16.60	14.71
G 78.0	36.01	38.92	40.97	43.69	42.80	40.54	36.80	27.27	19.57	14.59	12.98
G 79.0	31.59	34.15	35.88	38.32	37.52	35.48	32.14	23.69	17.05	12.67	11.31
G 80.0	27.16	29.47	31.17	33.35	32.61	30.74	27.83	20.34	14.65	10.86	9.72
G 81.0	22.93	25.04	26.46	28.37	27.74	26.00	23.72	17.11	12.34	9.11	8.21
G 82.0	18.93	20.90	21.97	23.88	23.19	21.60	19.61	14.12	10.19	7.50	6.78
G 83.0	15.22	16.76	17.76	19.38	18.77	17.40	15.82	11.32	8.14	5.99	5.44
G 84.0	11.82	13.05	13.78	15.32	14.72	13.51	12.32	8.71	6.30	4.59	4.21
G 85.0	8.80	9.69	10.14	11.55	10.94	9.95	9.15	6.37	4.59	3.37	3.09
G 86.0	6.20	6.90	6.97	8.13	7.69	6.83	6.33	4.50	3.15	2.30	2.22
G 87.0	4.20	4.44	4.68	5.16	5.14	4.48	3.95	2.63	2.09	1.43	1.35
G 88.0	2.20	2.78	2.39	2.75	2.59	2.13	2.37	1.80	1.03	0.89	0.74
G 89.0	0.20	1.12	1.33	1.17	1.39	1.13	0.78	0.97	0.42	0.36	0.37
G 90.0	0.00	0.36	0.27	0.28	0.19	0.13	0.00	0.14	0.00	0.20	0.01

**Luminaria**

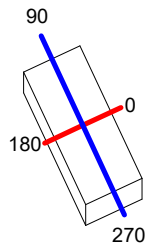
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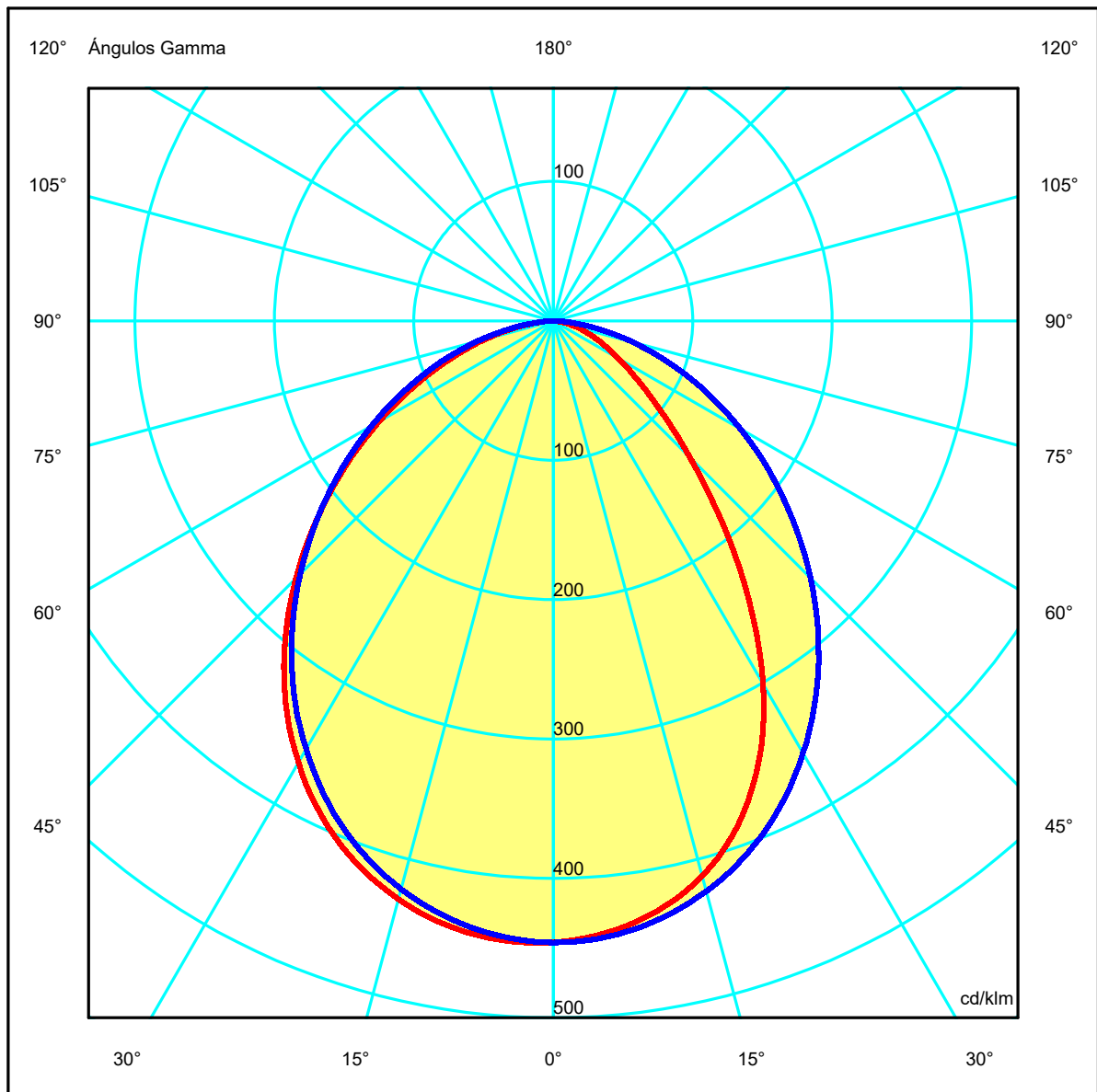
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Flujo Fuente	792 lm	Valor Máximo	446.43 cd/klm	Posición	C=180.00 G=2.00	CG	Asimétrico

193mm x 82mm



Semiplanos C

180.0 — 0.0  
 270.0 — 90.0



# LedsC4

## Luminaria

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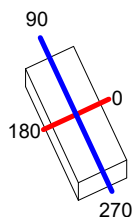
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193mm x 82mm



Semiplanos C

180.0 ———— 0.0  
270.0 ———— 90.0



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**UGR**  
S = 0.250

Reflectancias										
Techo/Cavidad	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Paredes	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
PDT	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Dimensiones del Local						Mista Lateral				
x=2H y=2H	25.2	26.4	25.5	26.6	26.8	25.0	26.2	25.3	26.4	26.7
x=2H y=3H	26.3	27.4	26.6	27.6	27.9	26.3	27.4	26.6	27.7	27.9
x=2H y=4H	26.7	27.7	27.0	28.0	28.3	26.8	27.9	27.2	28.1	28.4
x=2H y=6H	26.9	27.9	27.3	28.2	28.5	27.1	28.1	27.5	28.4	28.7
x=2H y=8H	27.0	27.9	27.3	28.2	28.5	27.2	28.1	27.6	28.4	28.7
x=2H y=12H	27.0	27.9	27.4	28.2	28.5	27.2	28.1	27.6	28.4	28.8
x=4H y=2H	25.8	26.8	26.1	27.1	27.4	25.4	26.4	25.7	26.7	27.0
x=4H y=3H	27.1	28.0	27.5	28.3	28.6	26.9	27.8	27.3	28.1	28.4
x=4H y=4H	27.6	28.4	28.0	28.7	29.1	27.5	28.3	27.9	28.6	29.0
x=4H y=6H	27.9	28.6	28.4	29.0	29.4	28.0	28.6	28.4	29.0	29.4
x=4H y=8H	28.0	28.6	28.5	29.0	29.4	28.1	28.7	28.5	29.1	29.5
x=4H y=12H	28.1	28.6	28.5	29.0	29.4	28.1	28.7	28.6	29.1	29.5
x=8H y=4H	27.9	28.5	28.3	28.9	29.3	27.7	28.3	28.1	28.7	29.1
x=8H y=6H	28.3	28.8	28.8	29.2	29.7	28.2	28.7	28.7	29.1	29.6
x=8H y=8H	28.4	28.9	28.9	29.3	29.8	28.4	28.8	28.8	29.2	29.7
x=8H y=12H	28.5	28.9	29.0	29.3	29.8	28.5	28.8	29.0	29.3	29.8
x=12H y=4H	27.9	28.4	28.3	28.8	29.2	27.6	28.2	28.1	28.6	29.0
x=12H y=6H	28.3	28.8	28.8	29.2	29.7	28.2	28.6	28.7	29.1	29.5
x=12H y=8H	28.5	28.9	29.0	29.3	29.8	28.4	28.8	28.9	29.2	29.7



## Luminaria

Código 05-E162-14-EH\_4000\_DOWN

Nombre NEMESIS SLIM

## Ensayo

Código 05-E162-14-EH\_4000\_DOWN

Nombre NEMESIS SLIM

Flujo Luminaria	792 lm	Potencia Luminaria	8.8 W	Eficacia	90.008 lm/W	Eficiencia	100.01%
Flujo Fuente	792 lm	Valor Máximo	446.43 cd/klm	Posición	C=180.00 G=2.00	CG	Asimétrico

Flujo Total=792.00 Flujo Luminaria=792.07

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	0.37	0.45	0.53	0.60	0.65	0.73	0.78	0.82	0.86	0.89	0.94	0.97
RC	4	4	4	4	4	4	3	3	3	3	3	3

Flujo Zonal por 1000 Lúmenes

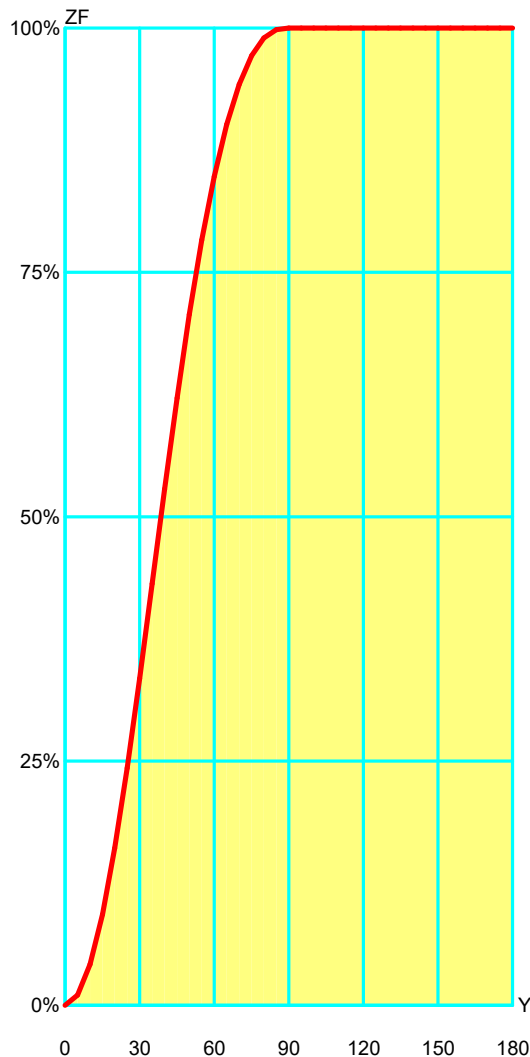
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	42	161	334	528	707	848	942	990	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.

55 85 97 100 100

C.I.E.	4/4/4/4/4/4/3/3/3/3/3
D DIN 5040	A40
F UTE	1.00 D
B NBN	BZ 3 / 4 / BZ 4
RN	0.00000 %
BLF	1.0

LOR	100.00834 %
ULOR	0.00000 %
DLOR	100.00834 %
UFF	0.00000 %
DFF	100.00000 %
FFR	0.00000 %



Gamma °	Flujo Zonal			
	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00%
5°	10.62	10.62	1.06%	1.06%
10°	31.40	42.02	3.14%	4.20%
15°	50.83	92.85	5.08%	9.28%
20°	67.97	160.81	6.80%	16.08%
25°	81.88	242.70	8.19%	24.27%
30°	91.72	334.41	9.17%	33.44%
35°	96.82	431.24	9.68%	43.12%
40°	97.11	528.34	9.71%	52.83%
45°	93.03	621.37	9.30%	62.13%
50°	85.64	707.01	8.56%	70.70%
55°	76.04	783.05	7.60%	78.30%
60°	65.02	848.07	6.50%	84.80%
65°	53.19	901.26	5.32%	90.12%
70°	41.16	942.42	4.12%	94.23%
75°	29.33	971.75	2.93%	97.17%
80°	18.17	989.93	1.82%	98.98%
85°	8.42	998.35	0.84%	99.83%
90°	1.73	1000.08	0.17%	100.00%
95°	0.00	1000.08	0.00%	100.00%
100°	0.00	1000.08	0.00%	100.00%
105°	0.00	1000.08	0.00%	100.00%
110°	0.00	1000.08	0.00%	100.00%
115°	0.00	1000.08	0.00%	100.00%
120°	0.00	1000.08	0.00%	100.00%
125°	0.00	1000.08	0.00%	100.00%
130°	0.00	1000.08	0.00%	100.00%
135°	0.00	1000.08	0.00%	100.00%
140°	0.00	1000.08	0.00%	100.00%
145°	0.00	1000.08	0.00%	100.00%
150°	0.00	1000.08	0.00%	100.00%
155°	0.00	1000.08	0.00%	100.00%
160°	0.00	1000.08	0.00%	100.00%
165°	0.00	1000.08	0.00%	100.00%
170°	0.00	1000.08	0.00%	100.00%
175°	0.00	1000.08	0.00%	100.00%
180°	0.00	1000.08	0.00%	100.00%

**Luminaria**

Código 05-E162-14-EH\_4000\_DOWN  
 Nombre NEMESIS SLIM

**Ensayo**

Código 05-E162-14-EH\_4000\_DOWN  
 Nombre NEMESIS SLIM

Flujo Luminaria	792 lm	Potencia Luminaria	8.8 W	Eficacia	90.008 lm/W	Eficiencia	100.01%
Flujo Fuente	792 lm	Valor Máximo	446.43 cd/klm	Posición	C=180.00 G=2.00	CG	Asimétrico

**Utilización CIE**

Montaje	Directo	Normalización																		Normalizados	Raz. de Susp. 1/3			CIE Estándar		
Techo																										
K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000			
0.60	209	188	159	144	179	137	109	92	82	70	44	33	17	12	65	36	32	14	11	30	12	10	0			
0.80	242	222	169	156	211	149	137	120	93	82	54	43	24	17	77	45	40	20	16	38	17	15	0			
1.00	265	246	170	159	234	152	160	143	99	89	60	50	30	23	84	51	47	26	22	45	22	20	0			
1.25	284	268	167	158	255	152	184	167	104	95	66	57	37	29	89	58	54	32	28	51	29	26	0			
1.50	299	284	163	156	270	150	203	187	106	98	71	62	43	35	93	63	59	38	34	56	34	31	0			
2.00	317	305	153	148	290	143	232	217	107	101	77	70	52	45	96	70	66	48	43	64	44	40	0			
2.50	329	319	145	142	304	137	253	239	107	102	82	75	60	53	97	75	72	55	51	69	51	47	0			
3.00	338	329	140	137	314	133	269	256	107	103	85	79	65	59	98	79	76	61	57	73	57	53	0			
4.00	350	343	133	131	328	127	291	280	108	104	90	85	74	68	100	84	82	69	66	79	65	62	0			
5.00	358	352	129	127	337	124	306	297	108	105	93	89	79	74	101	88	86	75	72	83	71	68	0			
10.00	376	372	119	119	357	117	340	334	108	107	100	97	92	89	103	96	95	88	86	92	85	82	0			
20.00	385	383	114	114	368	112	359	356	108	107	103	102	99	98	104	100	100	96	95	97	94	91	0			

**Pared**

K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	441	429	378	370	423	366	333	326	295	290	247	243	213	211	287	244	242	212	211	241	211	210	190
0.80	492	480	408	400	471	395	383	374	330	324	283	278	248	245	320	278	276	246	244	274	244	243	219
1.00	524	512	421	415	501	408	418	407	349	344	305	299	270	267	338	299	297	268	266	295	266	264	237
1.25	551	540	430	424	526	417	449	438	365	359	324	318	291	287	353	317	315	288	286	312	285	283	252
1.50	570	560	434	429	544	422	472	462	375	370	337	332	306	302	363	330	328	302	300	324	299	297	263
2.00	586	577	427	424	558	416	497	487	378	374	347	341	320	315	366	338	336	315	312	332	310	307	270
2.50	595	586	420	417	566	410	513	502	378	375	351	346	327	323	366	342	340	321	319	335	316	312	272
3.00	598	590	412	409	568	402	522	512	375	372	351	347	331	326	363	342	340	324	321	334	318	313	271
4.00	609	602	407	406	578	399	540	532	377	375	358	354	341	336	365	348	346	333	330	339	326	320	275
5.00	617	612	406	405	586	398	554	546	380	378	364	360	349	345	367	353	352	340	338	344	332	326	279
10.00	634	631	402	401	602	394	583	579	384	383	375	373	366	363	372	364	363	356	354	353	346	338	287
20.00	632	630	387	387	600	380	589	587	375	375	370	369	365	363	363	358	358	354	353	347	343	333	281

**P.Trab.**

K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	640	628	597	588	620	583	511	503	492	486	431	426	386	384	483	426	425	385	384	424	384	383	367
0.80	746	732	687	678	720	670	612	602	584	577	521	516	475	472	571	515	513	472	471	511	471	469	453
1.00	828	814	755	746	799	737	695	683	657	650	597	590	550	546	642	589	587	547	545	583	544	542	526
1.25	905	890	815	808	871	797	774	761	725	718	668	661	624	618	708	659	656	619	616	651	615	612	596
1.50	960	947	858	851	925	840	834	820	774	768	722	714	679	673	756	711	708	673	670	702	668	664	649
2.00	1000	1000	918	913	1000	901	924	911	847	842	803	795	765	758	828	790	787	757	753	779	750	744	730
2.50	1000	1000	954	950	1000	938	984	971	893	888	855	848	821	814	873	840	837	811	808	828	803	795	782
3.00	1000	1000	978	975	1000	963	1000	1000	925	920	891	885	862	855	904	876	873	850	847	862	840	832	819
4.00	1000	1000	1000	1000	1000	992	1000	1000	962	958	935	929	910	904	940	918	915	897	893	903	885	874	862
5.00	1000	1000	1000	1000	1000	1000	1000	1000	984	980	961	956	940	934	962	943	941	925	922	927	912	900	888
10.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	996	995	986	984	978	969	953	943
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	982	972

LM53 SHR C0-C180: 1.052 SHR C90-C270: 1.190 SHR Superficial: 1.197

## Luminaria

Código 05-E162-14-EH\_4000\_DOWN

Nombre NEMESIS SLIM

## Ensayo

Código 05-E162-14-EH\_4000\_DOWN

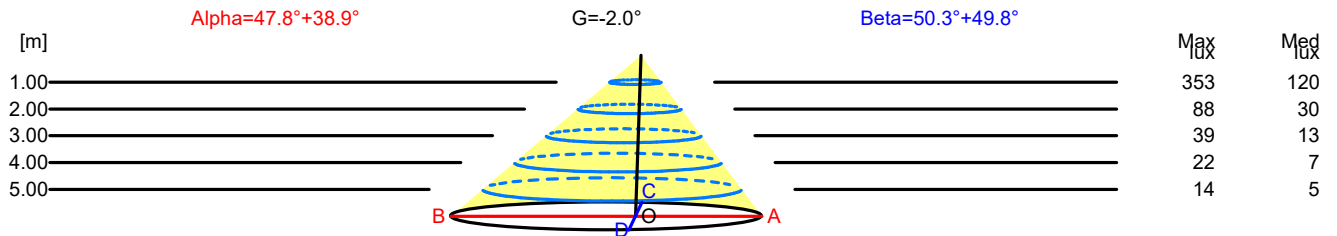
Nombre NEMESIS SLIM

Flujo Luminaria	792 lm	Potencia Luminaria	8.8 W	Eficacia	90.008 lm/W	Eficiencia	100.01%
Flujo Fuente	792 lm	Valor Máximo	446.43 cd/klm	Posición	C=180.00 G=2.00	CG	Asimétrico

### Apertura a 50.00 % de Max Intensidad

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	0.79	1.57	2.36	3.14	3.93	OC	1.21	2.41	3.62	4.83	6.03
OB	1.15	2.30	3.44	4.59	5.74	OD	1.18	2.37	3.55	4.74	5.92

	Intensidades Luminosas [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	353.00	348.88	326.55	276.10	193.62	109.63	58.43	30.85	13.79	2.12
OB	353.00	352.92	340.17	310.89	265.03	206.70	144.48	86.37	39.87	7.29
OC	353.22	351.25	335.56	304.57	259.99	206.53	150.25	95.94	46.79	8.75
OD	353.22	350.68	334.35	302.26	257.17	203.15	147.05	92.70	44.85	7.88



H[m]	D[m]	Max lux	Med lux	Alpha=47.8°+38.9°	G=-2.0
1.00	1.93	353	120		
2.00	3.87	88	30		
3.00	5.80	39	13		
4.00	7.73	22	7		
5.00	9.67	14	5		

H[m]	D[m]	Max lux	Med lux	Beta=49.8°+50.3°	G=0.0
1.00	2.39	353	120		
2.00	4.78	88	30		
3.00	7.17	39	13		
4.00	9.56	22	7		
5.00	11.96	14	5		

**Luminaria**

Código 05-E162-14-EH\_4000\_DOWN

Nombre NEMESIS SLIM

**Ensayo**

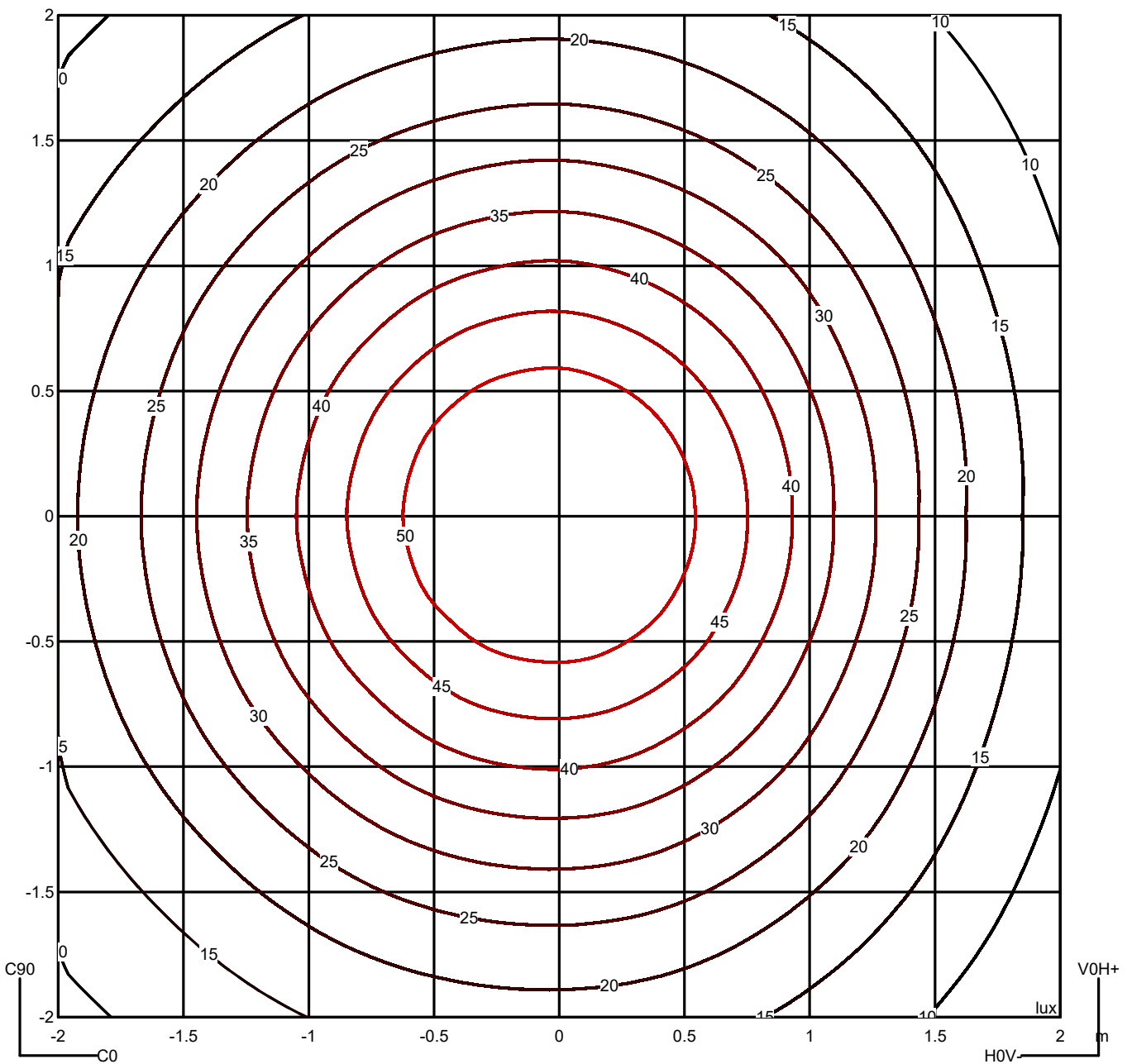
Código 05-E162-14-EH\_4000\_DOWN

Nombre NEMESIS SLIM

Flujo Luminaria	792 lm	Potencia Luminaria	8.8 W	Eficacia	90.008 lm/W	Eficiencia	100.01%
Flujo Fuente	792 lm	Valor Máximo	446.43 cd/klm	Posición	C=180.00 G=2.00	CG	Asimétrico

Isolux (Suelo)

Posición Luminaria X=0.00m Y=0.00m Z=2.50m



**Luminaria**

Código 05-E162-14-EH\_4000\_DOWN

Nombre NEMESIS SLIM

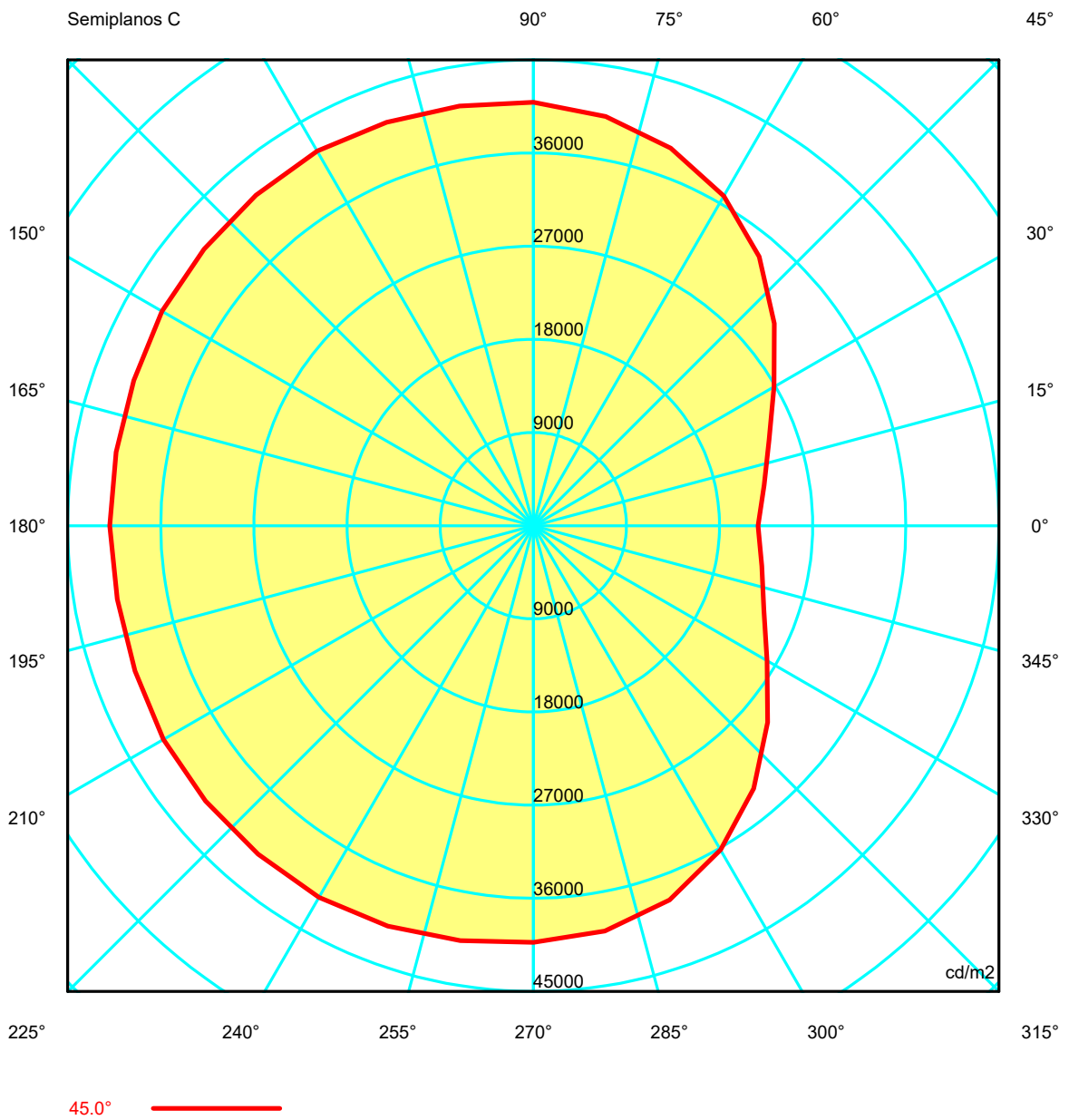
**Ensayo**

Código 05-E162-14-EH\_4000\_DOWN

Nombre NEMESIS SLIM

Flujo Luminaria	792 lm	Potencia Luminaria	8.8 W	Eficacia	90.008 lm/W	Eficiencia	100.01%
Flujo Fuente	792 lm	Valor Máximo	446.43 cd/klm	Posición	C=180.00 G=2.00	CG	Asimétrico

Luminancia



## Luminaria

Código 05-E162-14-EH\_4000\_DOWN

Nombre NEMESIS SLIM

## Ensayo

Código 05-E162-14-EH\_4000\_DOWN

Nombre NEMESIS SLIM

Flujo Luminaria	792 lm	Potencia Luminaria	8.8 W	Eficacia	90.008 lm/W	Eficiencia	100.01%
Flujo Fuente	792 lm	Valor Máximo	446.43 cd/klm	Posición	C=180.00 G=2.00	CG	Asimétrico

Luminance cd/m2 Tabla 1/3

	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00	C 100.00	C 110.00	C 120.00
G 0.0	49439.79	49404.17	49395.43	49391.69	49319.01	49305.08	49355.61	49361.36	49399.15	49470.25	49473.46	49467.24	49456.63
G 5.0	49050.02	49036.41	49033.66	49033.12	49011.93	49042.37	49116.01	49162.12	49259.39	49382.39	49415.24	49445.61	49502.30
G 10.0	48409.91	48431.82	48457.87	48489.69	48531.82	48608.37	48702.16	48779.91	48922.33	49091.28	49160.72	49237.96	49346.90
G 15.0	47348.52	47418.73	47480.43	47567.63	47730.64	47918.19	48085.53	48237.97	48445.28	48655.73	48748.39	48865.98	49021.75
G 20.0	45548.67	45726.88	45919.46	46178.29	46548.91	46907.34	47183.30	47419.60	47717.67	48009.14	48133.46	48283.20	48480.93
G 25.0	42667.41	43026.96	43424.84	43980.12	44777.40	45458.85	45896.10	46279.24	46701.40	47067.28	47222.93	47407.73	47643.14
G 30.0	38521.94	39140.34	39890.36	40935.29	42314.65	43471.18	44231.77	44887.65	45451.70	45846.22	46043.27	46261.93	46504.41
G 35.0	33104.19	33952.64	35132.39	36842.79	38992.93	40877.98	42209.92	43224.98	43979.69	44452.10	44668.31	44938.35	45241.91
G 40.0	27210.56	28128.69	29661.06	32026.73	34935.81	37644.70	39722.46	41194.87	42220.50	42835.92	43049.66	43334.20	43676.29
G 45.0	21713.95	22653.05	24235.99	26848.79	30400.22	33932.21	36775.79	38819.26	40165.35	40906.40	41176.69	41484.41	41804.34
G 50.0	17392.76	18207.66	19613.20	22158.69	26022.60	30091.94	33574.47	36296.51	38003.69	38816.53	39220.56	39538.59	39727.62
G 55.0	14267.17	14942.23	16109.82	18348.15	22015.21	26265.34	30317.12	33706.84	35809.29	36688.95	37070.83	37368.57	37518.15
G 60.0	11926.63	12483.92	13461.24	15362.90	18583.32	22737.97	27107.75	30859.85	33290.51	34370.31	34731.27	35054.42	35238.55
G 65.0	10222.08	10672.82	11484.17	13078.69	15823.77	19608.64	23916.58	27903.28	30592.71	31794.24	32166.19	32463.65	32586.22
G 70.0	8818.14	9202.37	9822.59	11092.70	13456.67	16773.47	20718.05	24739.82	27575.38	28827.13	29185.67	29476.85	29570.18
G 75.0	7461.91	7810.30	8293.92	9284.80	11236.93	14002.07	17434.36	21254.53	24075.52	25321.80	25606.07	25881.78	25996.67
G 80.0	5823.20	6157.06	6492.42	7194.97	8777.12	10918.80	13577.38	16848.61	19461.92	20674.53	20832.80	21076.24	21267.79
G 85.0	3401.48	3882.60	4196.91	4642.98	5728.89	6994.06	8514.45	10799.51	12969.87	14067.57	13903.18	14148.70	14579.22
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

## Luminaria

Código 05-E162-14-EH\_4000\_DOWN

Nombre NEMESIS SLIM

## Ensayo

Código 05-E162-14-EH\_4000\_DOWN

Nombre NEMESIS SLIM

Flujo Luminaria	792 lm	Potencia Luminaria	8.8 W	Eficacia	90.008 lm/W	Eficiencia	100.01%						
Flujo Fuente	792 lm	Valor Máximo	446.43 cd/klm	Posición	C=180.00 G=2.00	CG	Asimétrico						
Luminance cd/m2 Tabla 2/3													
	C 130.00	C 140.00	C 150.00	C 160.00	C 170.00	C 180.00	C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00
G 0.0	49453.29	49451.55	49448.61	49447.54	49444.60	49439.79	49407.20	49395.43	49391.69	49319.23	49304.99	49355.61	49361.37
G 5.0	49527.43	49558.99	49594.84	49592.48	49601.28	49617.38	49563.80	49534.49	49520.00	49391.55	49337.11	49369.51	49321.75
G 10.0	49404.60	49469.49	49531.69	49521.66	49544.77	49579.72	49503.33	49460.44	49431.56	49261.23	49186.53	49180.01	49093.04
G 15.0	49091.18	49178.55	49273.23	49258.65	49281.31	49323.03	49223.51	49170.64	49144.58	48947.89	48860.18	48849.11	48702.43
G 20.0	48564.41	48663.62	48761.62	48715.77	48755.96	48839.26	48696.59	48610.17	48600.38	48412.06	48287.54	48254.85	48083.55
G 25.0	47729.85	47845.30	47979.28	47945.18	47975.87	48043.85	47893.48	47811.14	47799.71	47584.57	47455.02	47421.99	47186.78
G 30.0	46592.49	46726.89	46874.70	46802.52	46784.00	46833.04	46706.98	46678.08	46707.14	46478.87	46330.09	46285.94	46014.53
G 35.0	45295.61	45354.13	45437.65	45321.37	45276.96	45313.35	45186.73	45185.28	45263.44	45079.64	44970.95	44953.19	44673.08
G 40.0	43640.71	43637.22	43665.83	43419.66	43294.24	43333.03	43246.51	43276.96	43462.80	43385.31	43359.38	43378.03	43069.33
G 45.0	41698.17	41561.49	41463.08	41111.82	40958.17	40941.54	40846.51	40980.48	41296.41	41359.35	41420.07	41465.35	41165.82
G 50.0	39556.12	39305.82	39039.16	38592.66	38287.98	38214.12	38202.26	38464.29	38880.76	39061.44	39236.63	39375.91	39146.82
G 55.0	37225.17	36822.51	36382.85	35727.20	35330.34	35278.31	35264.04	35609.89	36221.42	36601.32	36942.98	37194.58	37002.02
G 60.0	34706.64	34092.45	33518.91	32584.61	32039.00	32015.73	31998.64	32483.77	33355.36	33897.17	34457.92	34919.47	34666.84
G 65.0	31900.96	31090.51	30339.73	29284.26	28668.21	28623.45	28641.07	29205.96	30208.84	30939.87	31667.28	32241.92	32070.41
G 70.0	28748.16	27816.85	26994.12	25844.45	25193.05	25169.31	25185.36	25826.18	26949.58	27711.17	28543.66	29285.96	29149.06
G 75.0	25092.52	24148.69	23385.08	22195.88	21545.46	21574.20	21558.94	22191.15	23345.98	24096.67	24993.74	25855.74	25734.89
G 80.0	20360.26	19465.02	18837.34	17764.86	17365.84	17366.03	17355.45	17739.93	18825.51	19532.32	20425.02	21303.57	21165.49
G 85.0	13500.27	12675.05	12460.42	11583.59	11350.75	11709.02	11287.17	11468.18	12338.55	12619.17	13504.47	14698.81	14418.04
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**Luminaria**

Código 05-E162-14-EH\_4000\_DOWN

Nombre NEMESIS SLIM

**Ensayo**

Código 05-E162-14-EH\_4000\_DOWN

Nombre NEMESIS SLIM

Flujo Luminaria	792 lm	Potencia Luminaria	8.8 W	Eficacia	90.008 lm/W	Eficiencia	100.01%
Flujo Fuente	792 lm	Valor Máximo	446.43 cd/klm	Posición	C=180.00 G=2.00	CG	Asimétrico

**Luminance cd/m2 Tabla 3/3**

	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	49399.15	49470.25	49473.46	49467.22	49456.63	49453.37	49451.33	49448.61	49447.79	49445.24
G 5.0	49296.01	49301.91	49316.40	49273.78	49202.93	49179.15	49151.03	49107.16	49091.10	49077.18
G 10.0	49007.91	48979.76	48945.99	48860.98	48763.21	48725.35	48648.78	48536.09	48493.38	48463.87
G 15.0	48549.80	48478.94	48411.94	48259.63	48068.93	47958.77	47796.85	47597.51	47519.08	47457.20
G 20.0	47877.40	47729.31	47607.80	47384.48	47085.19	46840.83	46504.19	46107.48	45862.90	45701.72
G 25.0	46902.16	46709.03	46570.43	46266.80	45781.99	45266.94	44565.01	43783.74	43267.65	42937.28
G 30.0	45669.51	45423.17	45254.64	44818.33	44055.88	43172.16	41976.15	40627.02	39618.60	38968.48
G 35.0	44281.07	43969.61	43720.20	43050.26	41870.32	40453.00	38517.70	36342.68	34726.17	33729.90
G 40.0	42614.06	42227.88	41868.32	40920.94	39205.47	37016.66	34270.98	31366.37	29140.93	27847.63
G 45.0	40689.64	40238.61	39744.71	38470.84	36154.77	33126.78	29547.33	26082.36	23706.20	22399.12
G 50.0	38687.16	38173.59	37498.61	35787.89	32805.56	29100.95	25065.03	21449.02	19144.93	17968.90
G 55.0	36497.86	35905.88	35136.83	33042.98	29429.57	25237.45	21089.28	17696.46	15700.70	14740.98
G 60.0	34055.68	33405.87	32486.46	30070.35	26066.34	21676.26	17738.81	14808.93	13117.24	12310.10
G 65.0	31457.82	30721.50	29669.63	27023.24	22840.99	18605.59	15060.04	12562.24	11177.36	10532.99
G 70.0	28515.80	27747.71	26610.39	23859.43	19727.12	15876.94	12795.12	10670.19	9578.14	9089.81
G 75.0	25059.79	24269.03	23168.89	20503.21	16615.46	13300.84	10728.49	8935.17	8089.71	7722.36
G 80.0	20436.17	19636.76	18696.71	16358.76	12993.36	10395.61	8400.51	6938.74	6335.63	6083.51
G 85.0	13425.19	12669.11	12219.81	10620.78	8111.15	6451.62	5235.92	4290.07	3996.85	3800.81
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



## Luminaria

Código 05-E162-14-EH\_4000\_DOWN

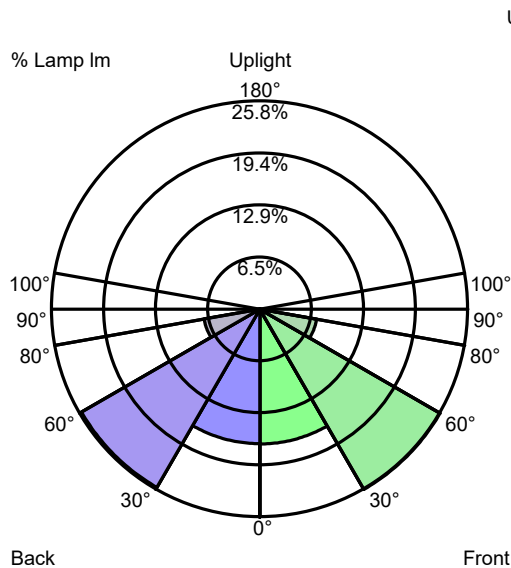
Nombre NEMESIS SLIM

## Ensayo

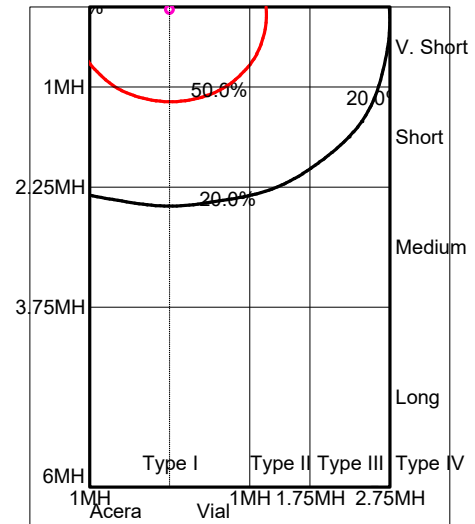
Código 05-E162-14-EH\_4000\_DOWN

Nombre NEMESIS SLIM

Flujo Luminaria	792 lm	Potencia Luminaria	8.8 W	Eficacia	90.008 lm/W	Eficiencia	100.01%
Flujo Fuente	792 lm	Valor Máximo	446.43 cd/klm	Posición	C=180.00 G=2.00	CG	Asimétrico



## US ROAD STANDARDS



Luminaire Classification System (LCS)			
LCS Zone		Lumens	%Lamp
FL	0° -- 30°	132.6 lm	16.7 %
FM	30° -- 60°	204.6 lm	25.8 %
FH	60° -- 80°	56.7 lm	7.2 %
FVH	80° -- 90°	4.0 lm	0.5 %
BL	0° -- 30°	132.2 lm	16.7 %
BM	30° -- 60°	202.4 lm	25.6 %
BH	60° -- 80°	55.6 lm	7.0 %
BVH	80° -- 90°	4.0 lm	0.5 %
UL	90° -- 100°	0.0 lm	0.0 %
UH	100° -- 180°	0.0 lm	0.0 %
TOTALS		792.1 lm	100.0 %
BUG B1 U0 G0 Type II Very Short Asymmetrical			