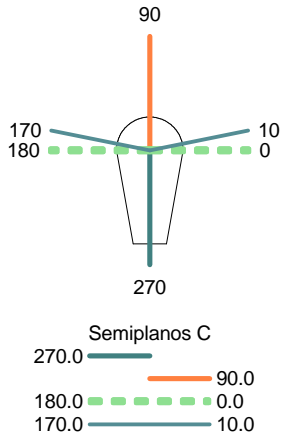
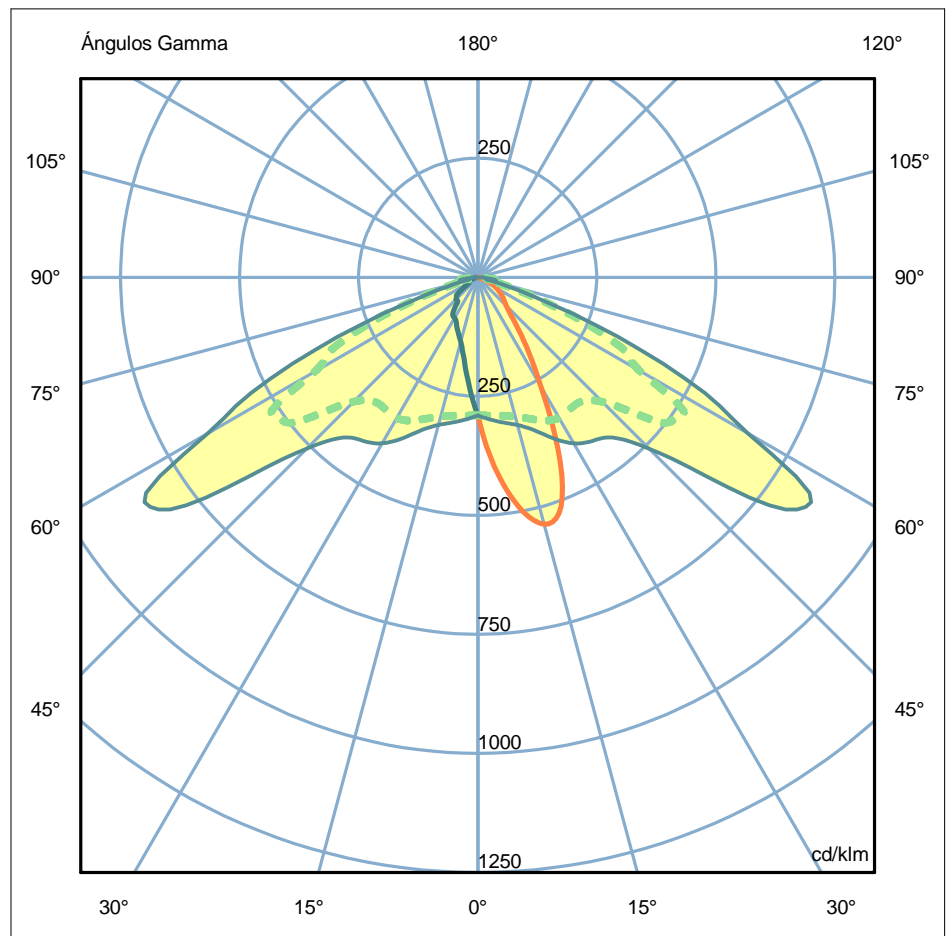


Luminaria		Ensayo		Lámpara	
Código	OX87055	Código	87055.V55	Código	NAVT100
Nombre	AVENUE 100W SE-ST E40 BOWL 230V-50HZ	Nombre	AVENUE 100W ST	Número	1
Familia	AVENUE	Fecha	23-05-2006	Posición	
Rendimiento	82.31%	Sist. de Coorden.	CG viales	Flujo Total	10000.00 lm
Valor Máximo	840.31 cd/klm	Posición	C=10.00 G=55.00	Sim. en los planos	270-90
Luminaria Rectangular	Longit. 770 mm	Anchura	370 mm	Altura	205 mm
Área Luminosa Rectangular	Longit. 290 mm	Anchura	230 mm	Altura	0 mm
Área Luminosa Horizontal	0.066700 m2	Área Emisión sobre Pl. 180°	0.000000 m2	Área Emisión sobre Pl. 270°	0.000000 m2
Área Emisión sobre Pl. 0°	0.000000 m2	Área de deslumbramiento a 76°	0.016136 m2		
Área Emisión sobre Pl. 90°	0.000000 m2				
Tipo de Simetría	Sim. en los planos 270-90	Máximo Ángulo Gamma	180		
Distancia de Ensayo	9.53	Flujo de Ensayo	9256.00 lm		
Operador	OxyTech	Tensión de alimentación	230.00 V		
Temperatura	25.00 °C	Corriente de alimentación			
Humedad	60.00 %	Fotocélula	II1700		
Notas					

Lámparas de la Luminaria					
Familia	Código	Nombre	Flujo [lm]	Pot. [W]	Cant.
	NAVT100	VIALOX NAV SUPER	10000.00	100.00	1
C.I.E.	48 85 98 100 82	D DIN 5040	A30		



ULOR 0.04 %
DLOR 82.27 %
RN 0.05 %



Luminaria			Ensayo			Lámpara	
Código	OX87055		Código	87055.V55		Código	NAV100
Nombre	AVENUE 100W SE-ST E40 BOWL 230V-50HZ		Nombre	AVENUE 100W ST		Número	1
Familia	AVENUE		Fecha	23-05-2006		Posición	

Rendimiento	82.31%	Sist. de Coorden.	CG viales	Flujo Total	10000.00 lm
-------------	--------	-------------------	-----------	-------------	-------------

	Tabla de Intensidad Luminosa cd/klm						Tabla 1/3						
	C 270.00	C 285.00	C 300.00	C 310.00	C 315.00	C 320.00	C 325.00	C 330.00	C 335.00	C 340.00	C 345.00	C 350.00	C 355.00
G 0.0	289.83	289.83	289.83	289.83	289.83	289.83	289.83	289.83	289.83	289.83	289.83	289.83	289.83
G 10.0	170.48	174.64	200.16	221.33	232.38	239.91	246.01	251.25	257.35	265.35	275.07	280.93	289.34
G 20.0	121.77	129.26	167.25	186.73	194.47	202.37	211.15	222.57	234.23	247.24	263.75	278.46	299.07
G 30.0	97.86	104.79	123.47	132.75	145.53	151.64	158.11	167.12	172.62	191.62	219.96	256.20	299.07
G 35.0	91.25	93.27	111.17	118.49	127.78	129.53	123.40	135.12	149.69	171.30	197.86	232.95	283.02
G 40.0	65.46	77.13	104.27	110.51	113.01	110.99	111.50	120.78	128.23	141.15	167.45	209.86	272.81
G 45.0	64.91	67.95	82.82	89.66	101.93	103.05	106.57	122.51	141.47	147.27	161.30	202.39	278.65
G 47.5	60.83	71.56	85.33	78.52	90.80	125.51	119.67	116.72	124.89	135.37	154.90	199.47	287.40
G 50.0	58.19	76.81	80.93	64.20	142.61	97.65	108.16	115.29	123.81	131.79	152.25	204.22	314.63
G 52.5	46.17	61.05	92.13	100.65	94.80	102.69	106.72	112.27	119.03	128.91	150.97	207.73	330.19
G 55.0	30.20	41.09	81.14	72.74	97.67	98.00	102.44	110.54	117.46	125.19	145.90	204.17	327.28
G 57.5	21.67	24.11	59.85	70.39	92.85	99.79	100.10	106.68	112.88	121.91	144.87	206.25	333.60
G 60.0	24.02	21.89	40.75	66.71	90.18	97.44	95.42	105.00	108.50	90.47	67.02	114.45	233.91
G 62.5	24.80	21.59	24.77	62.36	86.54	93.88	88.19	31.60	22.29	28.05	45.86	100.50	221.12
G 65.0	24.24	21.20	15.94	49.79	74.74	32.52	14.09	15.97	18.97	24.38	39.76	84.97	190.48
G 67.5	21.08	19.54	12.11	25.74	11.82	11.78	11.71	13.59	16.46	21.15	33.21	66.03	143.41
G 70.0	15.38	15.18	8.87	8.36	8.91	9.08	9.73	11.45	13.95	17.54	25.24	44.81	91.67
G 72.5	11.14	10.36	5.65	5.99	6.58	7.02	7.31	8.72	10.58	13.00	17.58	28.79	52.76
G 75.0	6.44	6.74	3.34	4.08	4.57	5.00	5.04	5.87	7.10	8.67	11.43	17.16	26.55
G 77.5	2.38	3.54	2.21	2.28	3.04	3.34	3.42	3.80	4.64	5.61	7.45	10.08	13.41
G 80.0	2.88	2.73	1.63	1.68	2.05	2.25	2.31	2.74	5.14	13.34	28.99	41.79	48.05
G 82.5	1.39	2.26	1.48	1.18	1.47	1.60	1.69	2.80	13.59	31.04	45.57	48.87	48.05
G 85.0	0.96	2.21	1.13	0.88	1.10	1.17	1.34	1.97	12.08	20.72	11.85	11.89	12.94
G 87.5	0.50	1.94	0.73	0.83	1.03	1.10	1.39	2.28	5.24	6.33	6.03	6.98	8.30
G 90.0	0.18	1.51	0.47	0.70	0.86	0.97	1.45	1.79	2.18	3.47	4.00	5.17	6.12
G 92.5	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
G 95.0	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
G 97.5	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
G100.0	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
G102.5	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
G105.0	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
G107.5	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
G110.0	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
G112.5	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
G115.0	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
G117.5	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
G120.0	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
G122.5	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
G125.0	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
G127.5	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
G130.0	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
G132.5	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
G135.0	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
G137.5	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
G140.0	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
G142.5	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
G145.0	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
G147.5	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
G150.0	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
G152.5	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
G155.0	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
G157.5	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
G160.0	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
G162.5	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
G165.0	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
G167.5	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
G170.0	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
G172.5	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
G175.0	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
G177.5	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
G180.0	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	Ensayo	Lámpara
Código OX87055	Código 87055.V55	Código NAVT100
Nombre AVENUE 100W SE-ST E40 BOWL 230V-50HZ	Nombre AVENUE 100W ST	Número 1
Familia AVENUE	Fecha 23-05-2006	Posición

Rendimiento	82.31%	Sist. de Coorden.	CG viales	Flujo Total	10000.00 lm
-------------	--------	-------------------	-----------	-------------	-------------

	Tabla de Intensidad Luminosa cd/klm							Tabla 2/3						
	C 0.00	C 5.00	C 10.00	C 15.00	C 20.00	C 25.00	C 30.00	C 35.00	C 40.00	C 45.00	C 50.00	C 60.00	C 75.00	
G 0.0	289.83	289.83	289.83	289.83	289.83	289.83	289.83	289.83	289.83	289.83	289.83	289.83	289.83	
G 10.0	295.22	303.45	309.61	312.47	316.27	323.78	329.89	340.13	354.52	368.32	384.91	419.05	453.86	
G 20.0	316.27	331.17	340.77	341.50	343.20	358.23	368.47	365.03	356.56	345.23	345.55	357.32	442.71	
G 30.0	341.24	378.82	402.60	414.33	415.65	410.88	399.63	370.51	345.86	321.12	309.26	277.28	292.49	
G 35.0	338.30	384.17	419.41	430.07	425.93	416.79	403.09	368.02	329.05	283.68	250.98	225.48	219.71	
G 40.0	340.26	396.33	439.20	455.17	449.92	421.21	384.79	323.20	267.42	219.55	187.29	158.36	128.30	
G 45.0	370.12	446.90	508.44	518.65	485.66	428.10	347.70	267.42	194.43	147.63	131.93	121.48	92.31	
G 47.5	404.39	498.94	576.20	583.11	543.92	450.74	336.82	235.05	164.48	133.22	115.63	113.16	82.92	
G 50.0	457.27	589.39	686.49	690.38	619.32	496.01	356.60	230.07	149.04	119.01	113.38	101.75	76.70	
G 52.5	502.80	672.06	795.30	793.71	692.27	539.80	390.23	239.53	147.51	113.68	103.51	90.98	70.76	
G 55.0	511.12	701.24	840.31	837.02	706.95	543.25	396.17	246.51	144.81	111.67	100.65	83.97	63.91	
G 57.5	507.20	682.27	813.60	801.10	657.02	505.36	362.04	223.90	140.69	107.83	96.97	81.35	59.19	
G 60.0	390.68	542.70	654.84	635.76	540.99	435.98	310.60	196.46	131.77	101.47	91.29	75.13	53.51	
G 62.5	362.29	477.54	556.42	507.33	406.35	302.63	201.79	128.73	124.18	98.95	88.18	71.78	48.31	
G 65.0	308.44	388.06	428.81	383.33	305.99	229.31	136.26	63.84	34.74	68.12	76.93	64.45	43.00	
G 67.5	230.45	278.65	292.30	254.89	205.57	151.46	89.82	43.72	24.96	16.88	19.58	40.96	31.64	
G 70.0	144.57	167.92	166.58	146.00	118.92	87.44	52.48	28.04	18.17	13.48	11.30	13.03	11.29	
G 72.5	81.17	87.68	84.33	73.56	62.03	45.81	29.68	17.77	12.96	9.76	7.71	10.93	7.56	
G 75.0	37.94	40.31	39.07	36.07	31.24	23.59	16.40	11.11	8.36	5.35	4.14	9.48	6.23	
G 77.5	17.52	17.00	16.98	16.90	14.71	12.14	9.22	7.05	5.46	3.43	2.64	7.80	5.90	
G 80.0	46.02	39.00	35.26	27.56	24.19	6.18	4.85	3.98	3.24	2.29	1.81	3.96	3.13	
G 82.5	46.75	41.14	33.34	22.72	15.82	11.31	2.70	2.16	1.81	1.40	1.21	2.40	2.53	
G 85.0	14.89	17.02	16.23	12.30	9.17	6.88	2.73	1.33	1.08	0.93	0.87	0.90	1.99	
G 87.5	9.84	12.66	13.33	11.12	10.78	5.02	2.01	1.11	0.91	0.80	0.78	0.76	2.19	
G 90.0	7.91	11.20	12.84	9.05	9.66	7.93	1.54	0.82	0.70	0.66	0.64	1.59	1.89	
G 92.5	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	
G 95.0	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	
G 97.5	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	
G100.0	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	
G102.5	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	
G105.0	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	
G107.5	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	
G110.0	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	
G112.5	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	
G115.0	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	
G117.5	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	
G120.0	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	
G122.5	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	
G125.0	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	
G127.5	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	
G130.0	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	
G132.5	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	
G135.0	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	
G137.5	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	
G140.0	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	
G142.5	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	
G145.0	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	
G147.5	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	
G150.0	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	
G152.5	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	
G155.0	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	
G157.5	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	
G160.0	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	
G162.5	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	
G165.0	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	
G167.5	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	
G170.0	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	
G172.5	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	
G175.0	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	
G177.5	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	
G180.0	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		Ensayo		Lámpara	
Código	OX87055	Código	87055.V55	Código	NAVT100
Nombre	AVENUE 100W SE-ST E40 BOWL 230V-50HZ	Nombre	AVENUE 100W ST	Número	1
Familia	AVENUE	Fecha	23-05-2006	Posición	

Rendimiento	82.31%	Sist. de Coorden.	CG viales	Flujo Total	10000.00 lm
-------------	--------	-------------------	-----------	-------------	-------------

Tabla de Intensidad Luminosa cd/klm Tabla 3/3

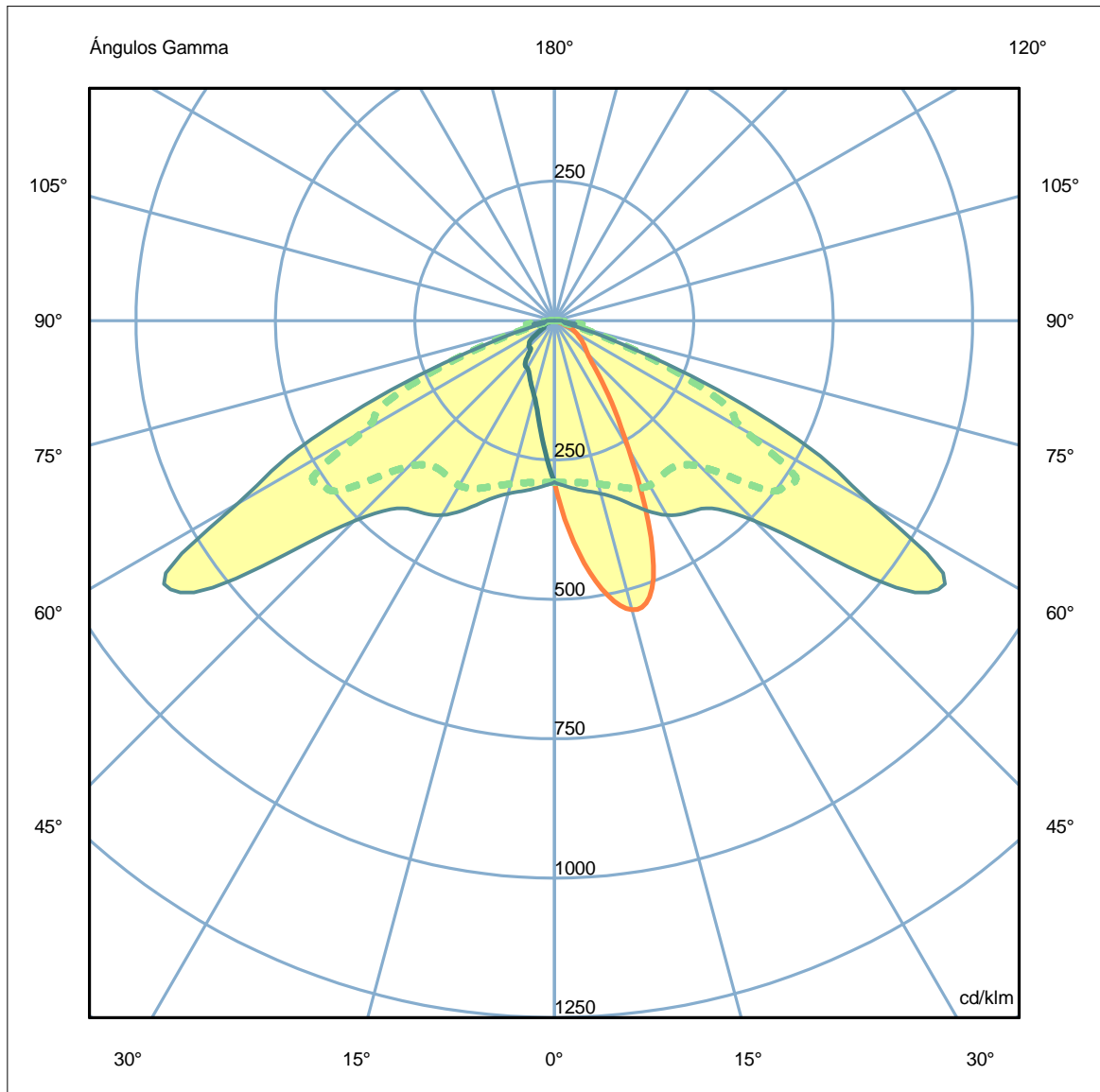
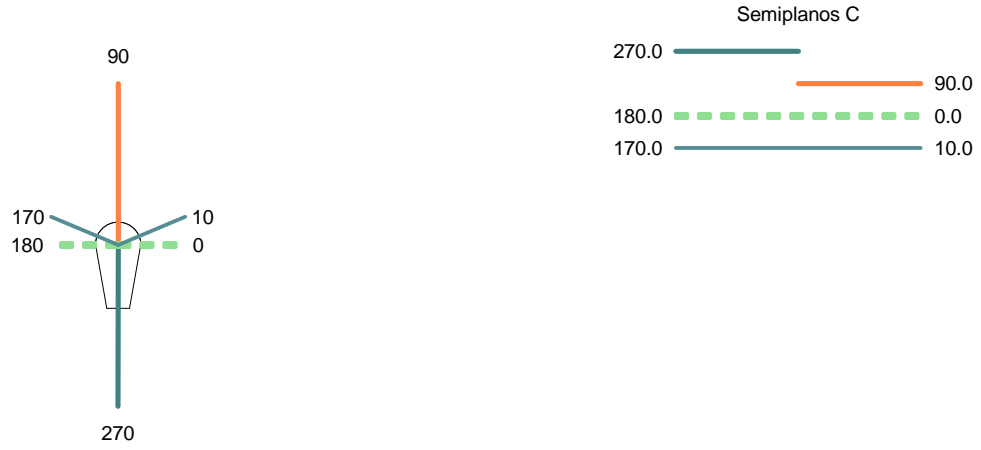
C 90.00	
G 0.0	289.83
G 10.0	488.19
G 20.0	511.34
G 30.0	265.59
G 35.0	178.64
G 40.0	116.15
G 45.0	84.08
G 47.5	76.26
G 50.0	70.09
G 52.5	63.81
G 55.0	57.64
G 57.5	51.35
G 60.0	45.51
G 62.5	39.89
G 65.0	34.49
G 67.5	24.13
G 70.0	9.90
G 72.5	5.86
G 75.0	4.98
G 77.5	4.83
G 80.0	3.72
G 82.5	2.94
G 85.0	2.76
G 87.5	2.87
G 90.0	2.19
G 92.5	0.00
G 95.0	0.00
G 97.5	0.00
G100.0	0.00
G102.5	0.00
G105.0	0.00
G107.5	0.00
G110.0	0.00
G112.5	0.00
G115.0	0.00
G117.5	0.00
G120.0	0.00
G122.5	0.00
G125.0	0.00
G127.5	0.00
G130.0	0.00
G132.5	0.00
G135.0	0.00
G137.5	0.00
G140.0	0.00
G142.5	0.00
G145.0	0.00
G147.5	0.00
G150.0	0.00
G152.5	0.00
G155.0	0.00
G157.5	0.00
G160.0	0.00
G162.5	0.00
G165.0	0.00
G167.5	0.00
G170.0	0.00
G172.5	0.00
G175.0	0.00
G177.5	0.00
G180.0	0.00

Luminaria
 Código OX87055
 Nombre AVENUE 100W SE-ST E40 BOWL 230V-50HZ
 Familia AVENUE

Ensayo
 Código 87055.V55
 Nombre AVENUE 100W ST
 Fecha 23-05-2006

Lámpara
 Código NAVT100
 Número 1
 Posición

Rendimiento 82.31% Sist. de Coord. CG viales Flujo Total 10000.00 lm

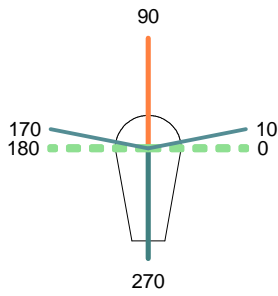


Luminaria
 Código OX87055
 Nombre AVENUE 100W SE-ST E40 BOWL 230V-50HZ
 Familia AVENUE

Ensayo
 Código 87055.V55
 Nombre AVENUE 100W ST
 Fecha 23-05-2006

Lámpara
 Código NAVT100
 Número 1
 Posición

Rendimiento 82.31% Sist. de Coord. CG viales Flujo Total 10000.00 lm



Semiplanos C

270.0	90.0
180.0	0.0
170.0	10.0

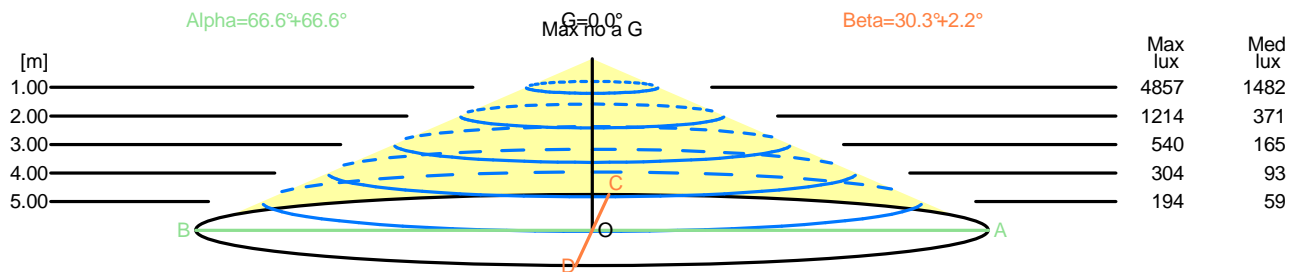


Luminaria		Ensayo		Lámpara	
Código	OX87055	Código	87055.V55	Código	NAVT100
Nombre	AVENUE 100W SE-ST E40 BOWL 230V-50HZ	Nombre	AVENUE 100W ST	Número	1
Familia	AVENUE	Fecha	23-05-2006	Posición	
Rendimiento	82.31%	Sist. de Coordn.	CG viales	Flujo Total	10000.00 lm

Apertura a 50.00 % de MaxLux

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	2.31	4.62	6.94	9.25	11.56	OC	0.58	1.17	1.75	2.34	2.92
OB	2.31	4.62	6.94	9.25	11.56	OD	0.04	0.08	0.12	0.16	0.19

	Intensidades Luminosas [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	2898.31	2913.52	3033.83	3320.19	3383.00	3701.22	5111.21	3084.35	379.42	148.88
OB	2898.31	2913.52	3033.83	3320.19	3383.00	3701.22	5111.21	3084.35	379.42	148.88
OC	2898.31	3986.35	5366.07	3980.18	1786.37	840.84	576.36	344.93	49.81	27.55
OD	2898.31	2234.89	1396.42	1066.40	912.47	649.09	301.95	242.44	64.36	9.61



H[m]	D[m]	Max lux	Med lux	Alpha=66.6°+66.6°	G=0.0 Máx no a G
1.00	4.62	4857	1482		
2.00	9.25	1214	371		
3.00	13.87	540	165		
4.00	18.50	304	93		
5.00	23.12	194	59		

H[m]	D[m]	Max lux	Med lux	Beta=2.2°+30.3°	G=0.0 Máx no a G
1.00	0.62	4857	1482		
2.00	1.25	1214	371		
3.00	1.87	540	165		
4.00	2.49	304	93		
5.00	3.11	194	59		

Luminaria		Ensayo		Lámpara	
Código	OX87055	Código	87055.V55	Código	NAVT100
Nombre	AVENUE 100W SE-ST E40 BOWL 230V-50HZ	Nombre	AVENUE 100W ST	Número	1
Familia	AVENUE	Fecha	23-05-2006	Posición	
Rendimiento	82.31%	Sist. de Coordn.	CG viales	Flujo Total	10000.00 lm

Flujo Total=10000.00 Flujo Luminaria=8230.93

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	0.30	0.40	0.48	0.56	0.62	0.71	0.77	0.81	0.85	0.88	0.93	0.96
RC	5	5	5	4	4	4	4	4	4	4	4	4

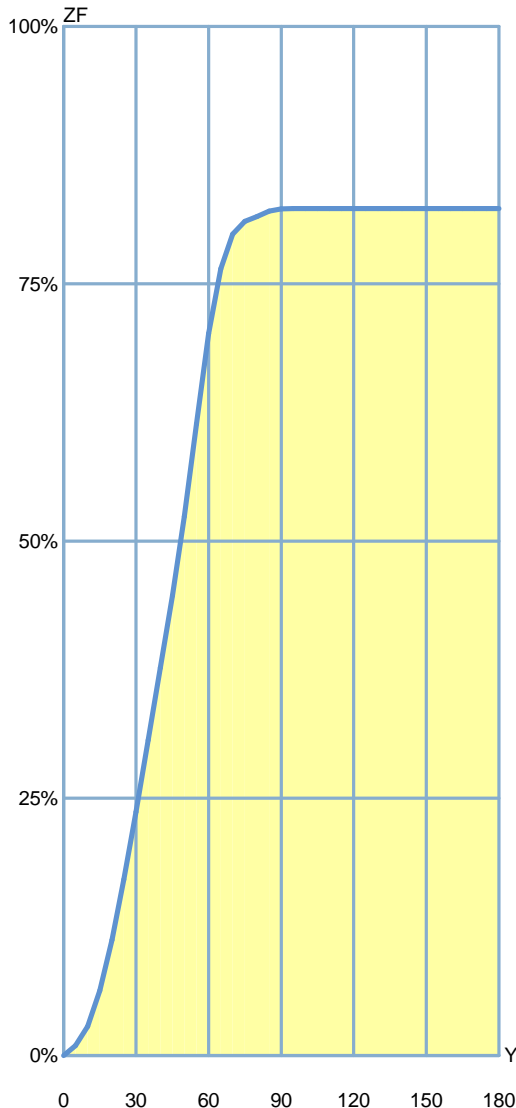
Flujo Zonal por 1000 Lúmenes

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	28	112	237	377	524	702	798	815	823	823	823	823	823	823	823	823	823	823

Códigos de Flujo C.I.E.

48 85 98 100 82

C.I.E.	5/5/5/4/4/4/4/4/4/4	LOR	82.30933 %
D DIN 5040	A30	ULOR	0.04157 %
F UTE	0.82 D	DLOR	82.26776 %
B NBN	BZ 4	UFF	0.05051 %
RN	0.05051 %	DFF	99.94949 %
BLF	1.0	FFR	0.05054 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00%
5°	9.54	9.54	1.16%	1.16%
10°	18.78	28.31	2.28%	3.44%
15°	34.97	63.29	4.25%	7.69%
20°	48.95	112.24	5.95%	13.64%
25°	58.76	171.00	7.14%	20.78%
30°	65.70	236.70	7.98%	28.76%
35°	69.76	306.45	8.47%	37.23%
40°	70.23	376.68	8.53%	45.76%
45°	70.42	447.11	8.56%	54.32%
50°	76.54	523.65	9.30%	63.62%
55°	89.94	613.59	10.93%	74.55%
60°	88.07	701.65	10.70%	85.25%
65°	62.82	764.47	7.63%	92.88%
70°	33.59	798.07	4.08%	96.96%
75°	12.38	810.44	1.50%	98.46%
80°	4.91	815.35	0.60%	99.06%
85°	5.23	820.58	0.63%	99.69%
90°	2.10	822.68	0.26%	99.95%
95°	0.42	823.09	0.05%	100.00%
100°	0.00	823.09	0.00%	100.00%
105°	0.00	823.09	0.00%	100.00%
110°	0.00	823.09	0.00%	100.00%
115°	0.00	823.09	0.00%	100.00%
120°	0.00	823.09	0.00%	100.00%
125°	0.00	823.09	0.00%	100.00%
130°	0.00	823.09	0.00%	100.00%
135°	0.00	823.09	0.00%	100.00%
140°	0.00	823.09	0.00%	100.00%
145°	0.00	823.09	0.00%	100.00%
150°	0.00	823.09	0.00%	100.00%
155°	0.00	823.09	0.00%	100.00%
160°	0.00	823.09	0.00%	100.00%
165°	0.00	823.09	0.00%	100.00%
170°	0.00	823.09	0.00%	100.00%
175°	0.00	823.09	0.00%	100.00%
180°	0.00	823.09	0.00%	100.00%

Documento IPEA

Luminaria

Datos Luminaria

Fabricante: GEWISS

Nombre: AVENUE 100W SE-ST E40 BOWL 230V-50HZ

Fuente de luz: CPX-20-13

Aplicación: Viales (ME)

Operador

Nombre: OxyTech

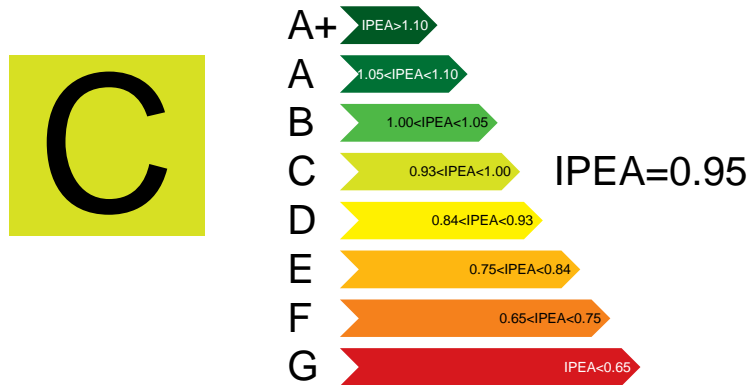
Razón Social: OxyTech

Fecha: 23 / 05 / 2006

Archivo : GW87073.OXL

Clasificación energética

IPEA



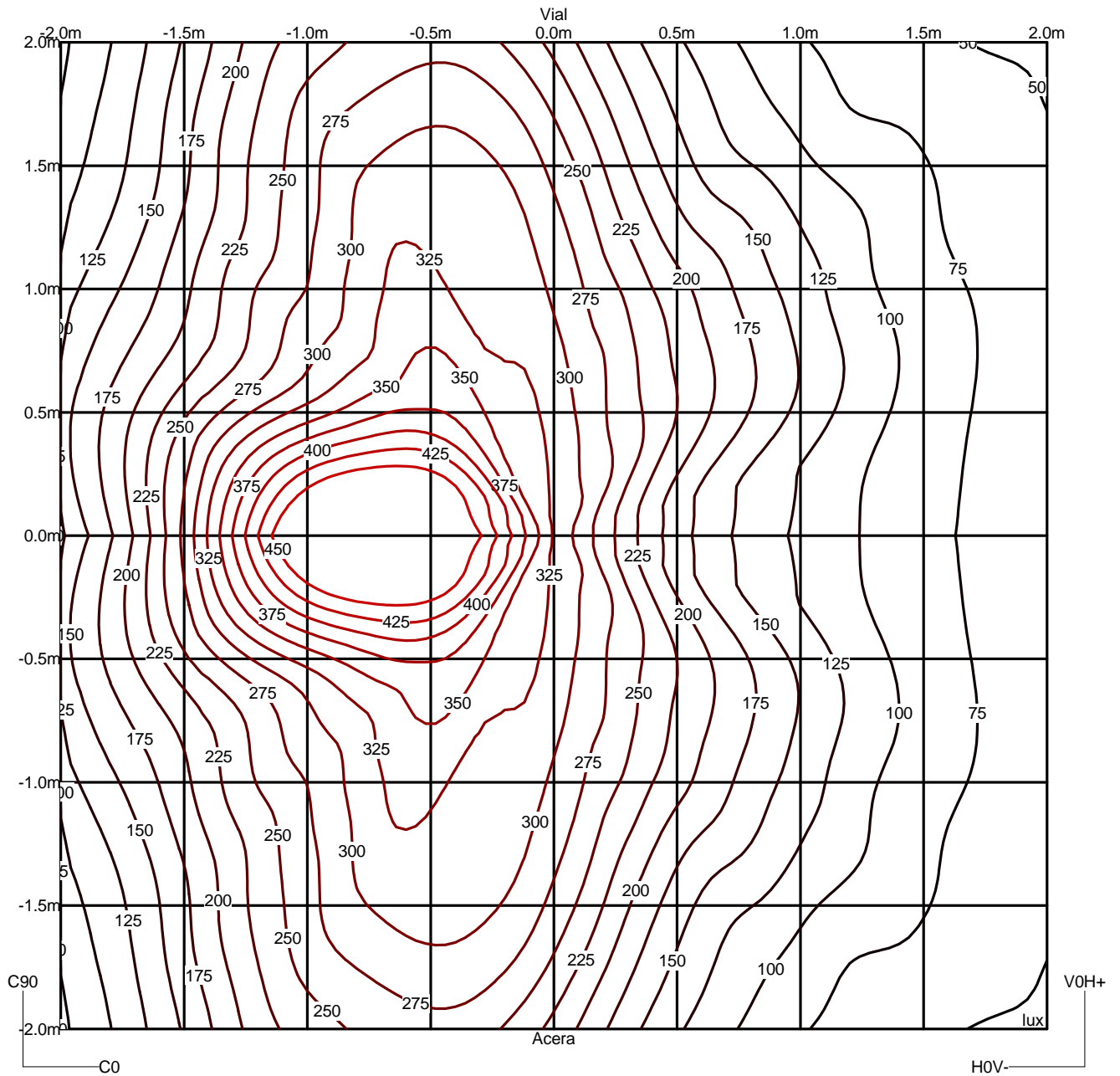
Otros Datos

Fuente y código	CPX-20-13	Características fuente	
Temperatura de Color y CRI	Tc:2700 Ra:0	Óptica	Symmetric
Anexos		Clasificación anexos	A1
PSU		Fiabilidad	
Flujo fuente	10000.0 lm	Potencia real	115W
Flujo Total	8230.9 lm	Vida media fuente	
LLMF		LSF	
Contaminación Luminosa	0.2%	Certificación	
Precio		Garantía	

Luminaria		Ensayo		Lámpara	
Código	OX87055	Código	87055.V55	Código	NAVT100
Nombre	AVENUE 100W SE-ST E40 BOWL 230V-50HZ	Nombre	AVENUE 100W ST	Número	1
Familia	AVENUE	Fecha	23-05-2006	Posición	
Rendimiento	82.31%	Sist. de Coordn.	CG viales	Flujo Total	10000.00 lm

Isolux (Suelo)

Posición Luminaria X=0.00m Y=0.00m Z=3.00m

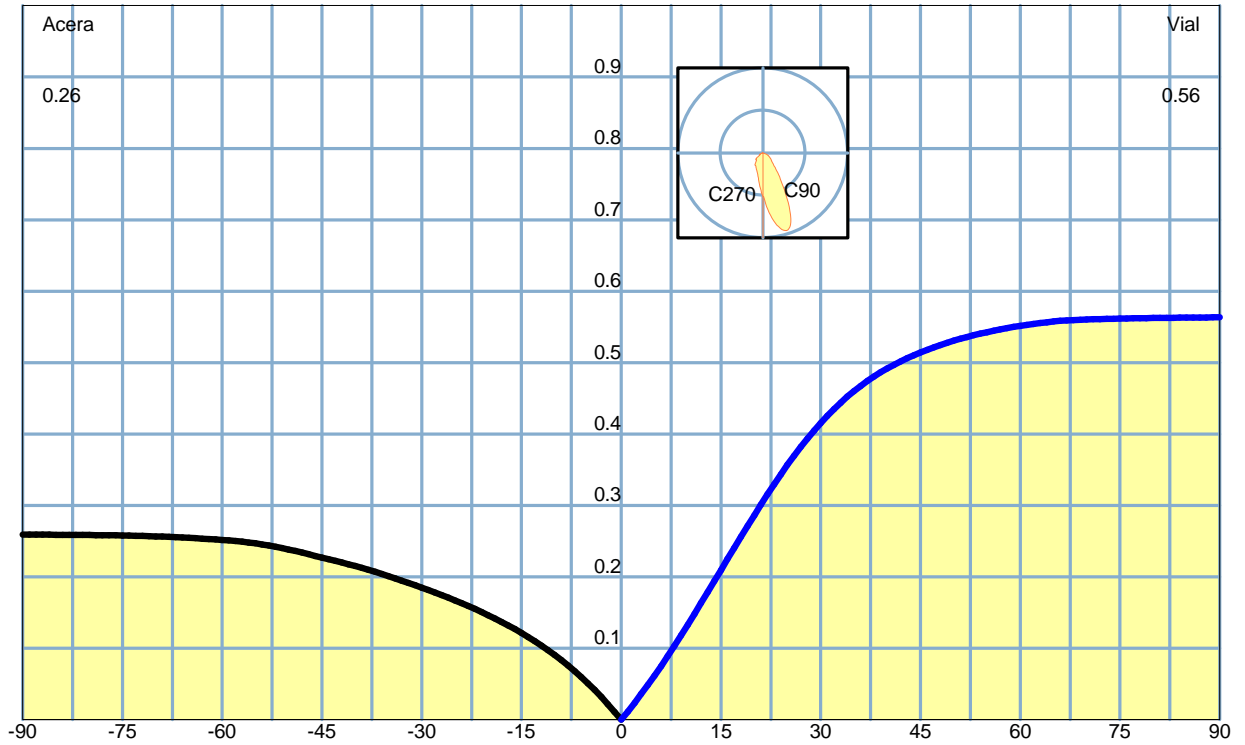


Luminaria		Ensayo		Lámpara	
Código	OX87055	Código	87055.V55	Código	NAVT100
Nombre	AVENUE 100W SE-ST E40 BOWL 230V-50HZ	Nombre	AVENUE 100W ST	Número	1
Familia	AVENUE	Fecha	23-05-2006	Posición	
Rendimiento	82.31%	Sist. de Coordn.	CG viales	Flujo Total	10000.00 lm

Gráficos del vial

Ángulo de Inclinación = 0.0

ETA = 82.27%



Spread: 24.8° Estrecho
 Throw: 54.9° Corto
 SLI (deslumbramiento) 3.7 Medio
 Clasificación CIE: Semi Cutoff - Max: C=10.0° Gam ma=55.0°
 Clasificación IES: Cutoff
 KB2

DLOR 82.26776 %
 ULOR 0.04157 %
 Rendimiento 82.30933 %
 RN 0.05051 %
 Índice de Deslumbramiento D3
 Clase de Intensidad Luminosa G3

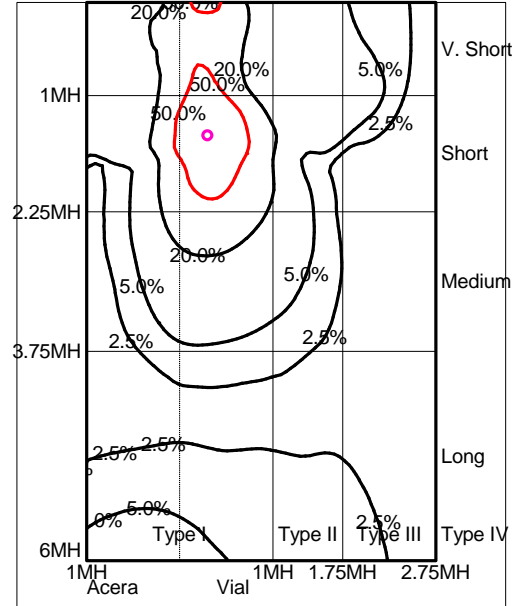
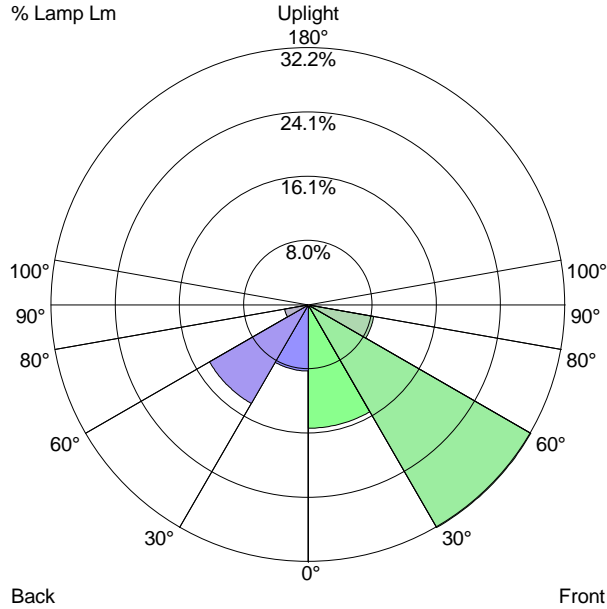
Luminaria
 Código OX87055
 Nombre AVENUE 100W SE-ST E40 BOWL 230V-50HZ
 Familia AVENUE

Ensayo
 Código 87055.V55
 Nombre AVENUE 100W ST
 Fecha 23-05-2006

Lámpara
 Código NAVT100
 Número 1
 Posición

Rendimiento 82.31% Sist. de Coord. CG viales Flujo Total 10000.00 lm

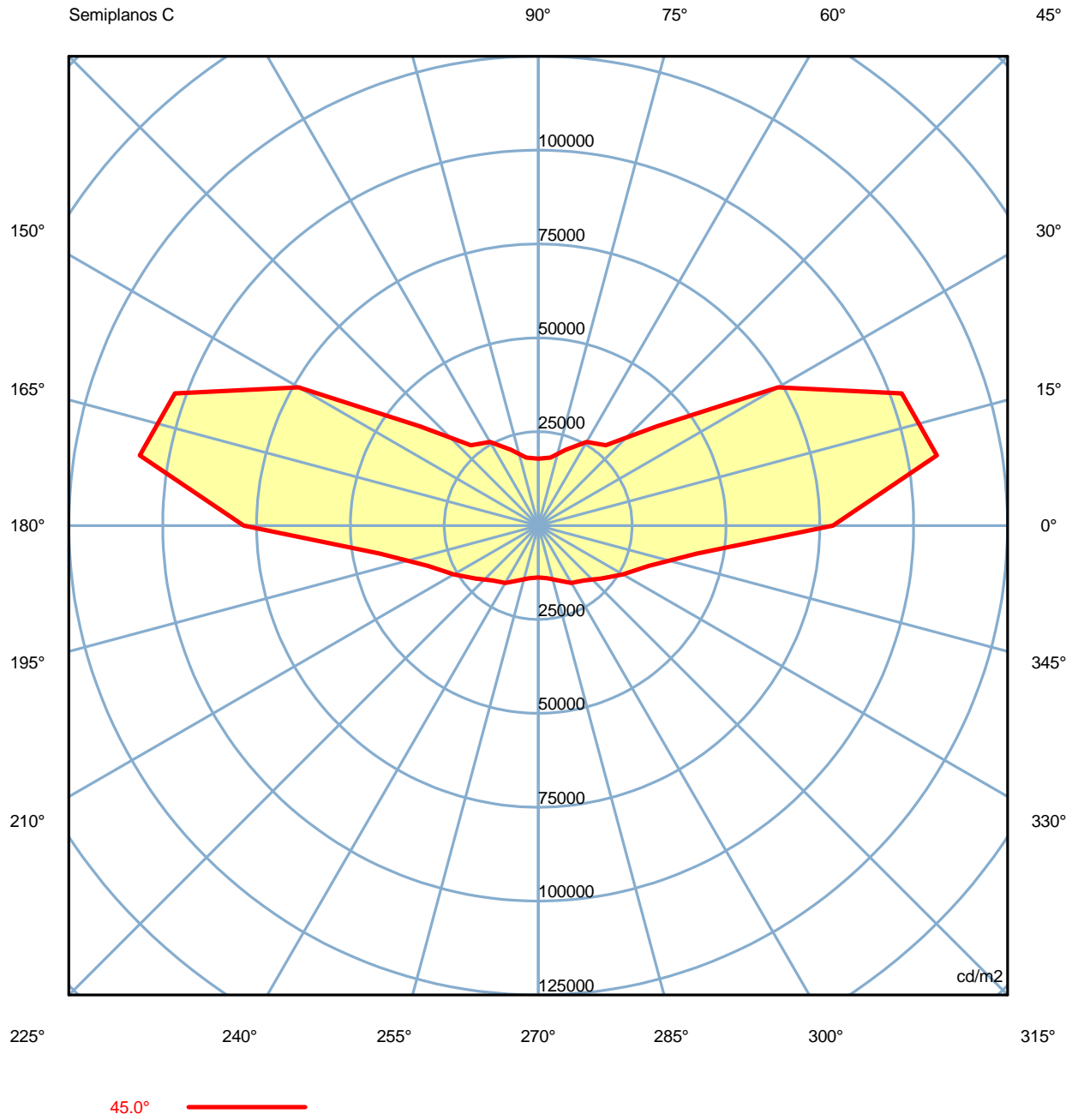
US ROAD STANDARDS



Luminaire Classification System (LCS)			
LCS Zone		Lumens	%Lamp
FL	0°-- 30°	1544.8 lm	15.4 %
FM	30°-- 60°	3218.7 lm	32.2 %
FH	60°-- 80°	834.2 lm	8.3 %
FVH	80°-- 90°	36.9 lm	0.4 %
BL	0°-- 30°	828.7 lm	8.3 %
BM	30°-- 60°	1425.7 lm	14.3 %
BH	60°-- 80°	298.8 lm	3.0 %
BVH	80°-- 90°	39.1 lm	0.4 %
UL	90°-- 100°	4.1 lm	0.0 %
UH	100°-- 180°	0.0 lm	0.0 %
TOTALS		8230.9 lm	82.3 %
BUG : B2 U1 G1 Type I Short Assymetrical			

Luminaria		Ensayo		Lámpara	
Código	OX87055	Código	87055.V55	Código	NAVT100
Nombre	AVENUE 100W SE-ST E40 BOWL 230V-50HZ	Nombre	AVENUE 100W ST	Número	1
Familia	AVENUE	Fecha	23-05-2006	Posición	
Rendimiento	82.31%	Sist. de Coordn.	CG viales	Flujo Total	10000.00 lm

Luminancia



Luminaria		Ensayo				Lámpara							
Código	OX87055	Código	87055.V55			Código	NAVT100						
Nombre	AVENUE 100W SE-ST E40 BOWL 230V-50HZ	Nombre	AVENUE 100W ST			Número	1						
Familia	AVENUE	Fecha	23-05-2006			Posición							
Rendimiento	82.31%	Sist. de Coorden.	CG viales		Flujo Total	10000.00 lm							
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	43452.95	43452.95	43452.95	43452.95	43452.95	43452.95	43452.95	43452.95	43452.95	43452.95	43452.95	43452.95	43452.95
G 5.0	43847.83	45098.52	45878.48	46647.54	49384.23	52933.53	56176.29	57584.40	58561.75	59993.71	58561.75	57584.40	56176.29
G 10.0	44943.15	47135.12	48148.05	50222.24	53971.55	58597.60	63795.59	67507.62	70764.59	74321.74	70764.59	67507.62	63795.59
G 15.0	47089.23	49840.81	50314.59	54241.02	56054.71	57829.84	62598.95	69688.07	76932.19	83288.84	76932.19	69688.07	62598.95
G 20.0	50459.67	54369.47	54755.77	58788.47	56887.83	55131.16	57009.14	65546.51	74890.65	81582.27	74890.65	65546.51	57009.14
G 25.0	54923.97	61590.25	63299.03	63884.42	58079.74	55069.32	52349.01	57794.36	63961.61	65841.78	63961.61	57794.36	52349.01
G 30.0	59074.47	69697.22	71957.28	69183.49	59875.10	53537.86	48001.50	49419.75	50217.46	45977.99	50217.46	49419.75	48001.50
G 35.0	61917.18	76763.19	77956.51	73775.95	60224.76	45936.01	41268.84	40842.20	38450.29	32695.06	38450.29	40842.20	41268.84
G 40.0	66592.99	85956.89	88056.05	75309.07	52337.44	36655.39	30993.32	26826.89	23956.56	22732.66	23956.56	26826.89	30993.32
G 45.0	78475.57	107802.74	102973.23	73721.13	41223.44	27973.02	25756.50	21568.26	18422.62	17828.02	18422.62	21568.26	25756.50
G 50.0	106653.98	160119.29	144451.04	83174.36	34762.73	26444.19	23733.49	19576.71	16916.13	16347.57	16916.13	19576.71	23733.49
G 55.0	133600.12	219646.23	184787.91	103553.05	37852.33	26308.17	21947.92	18105.19	15831.79	15065.17	15831.79	18105.19	21947.92
G 60.0	117146.83	196353.96	162214.59	93134.66	39512.41	27374.60	22526.52	17805.01	14876.75	13647.20	14876.75	17805.01	22526.52
G 65.0	109418.28	152122.17	108549.90	48338.71	12323.76	27291.32	22865.04	17392.53	13809.77	12236.57	13809.77	17392.53	22865.04
G 70.0	63373.75	73020.05	52128.29	23003.05	7964.50	4951.96	5712.57	5411.11	4630.78	4337.99	4630.78	5411.11	5712.57
G 75.0	21978.75	22633.54	18093.48	9497.49	4844.89	2395.46	5494.28	4760.57	3366.37	2885.40	3366.37	4760.57	5494.28
G 80.0	39733.36	30446.75	20881.15	4184.83	2801.41	1564.52	3417.93	2938.93	2593.13	3215.96	2593.13	2938.93	3417.93
G 85.0	25610.50	27923.14	15782.34	4703.20	1851.44	1500.10	1552.40	2715.10	3968.35	4739.23	3968.35	2715.10	1552.40
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		Ensayo				Lámpara							
Código	OX87055	Código	87055.V55			Código	NAVT100						
Nombre	AVENUE 100W SE-ST E40 BOWL 230V-50HZ	Nombre	AVENUE 100W ST			Número	1						
Familia	AVENUE	Fecha	23-05-2006			Posición							
Rendimiento	82.31%	Sist. de Coorden.	CG viales		Flujo Total	10000.00 lm							
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	43452.95	43452.95	43452.95	43452.95	43452.95	43452.95	43452.95	43452.95	43452.95	43452.95	43452.95	43452.95	43452.95
G 5.0	52933.53	49384.23	46647.54	45878.48	45098.52	43847.83	42801.28	41485.36	40476.64	39617.84	37842.54	35948.45	34466.47
G 10.0	58597.60	53971.55	50222.24	48148.05	47135.12	44943.15	42767.96	40396.66	38250.22	36523.85	33695.57	30472.15	27586.17
G 15.0	57829.84	56054.71	54241.02	50314.59	49840.81	47089.23	43494.93	40312.18	36936.41	34361.43	31620.90	28065.71	24032.88
G 20.0	55131.16	56887.83	58788.47	54755.77	54369.47	50459.67	44426.73	39446.02	35509.81	32287.90	29792.03	26684.95	22355.42
G 25.0	55069.32	58079.74	63884.42	63299.03	61590.25	54923.97	44859.91	36284.45	32839.01	29442.89	26411.31	24125.58	20771.84
G 30.0	53537.86	59875.10	69183.49	71957.28	69697.22	59074.47	44352.78	33173.23	28932.05	26251.57	22981.46	21374.25	19252.82
G 35.0	45936.01	60224.76	73775.95	77956.51	76763.19	61917.18	42636.16	31352.85	24730.78	23707.67	21686.29	20347.17	18128.22
G 40.0	36655.39	52337.44	75309.07	88056.05	85956.89	66592.99	41071.52	27624.11	23638.15	21722.53	21629.08	20406.24	16896.22
G 45.0	27973.02	41223.44	73721.13	102973.23	107802.74	78475.57	42911.36	31224.14	25975.43	21848.32	19009.95	17559.23	15526.79
G 50.0	26444.19	34762.73	83174.36	144451.04	160119.29	106653.98	47632.03	30740.09	26890.35	22775.17	14974.71	18876.98	18235.96
G 55.0	26308.17	37852.33	103553.05	184787.91	219646.23	133600.12	53366.67	32721.79	28894.02	25616.56	19012.97	21209.48	15346.01
G 60.0	27374.60	39512.41	93134.66	162214.59	196353.96	117146.83	34317.45	27128.74	31484.85	29218.11	20002.15	12220.16	7860.56
G 65.0	27291.32	12323.76	48338.71	108549.90	152122.17	109418.28	30143.71	8649.26	5663.79	11535.91	17662.29	5655.02	6263.31
G 70.0	4951.96	7964.50	23003.05	52128.29	73020.05	63373.75	19642.56	7689.41	5021.21	3981.13	3663.55	3889.41	5788.43
G 75.0	2395.46	4844.89	9497.49	18093.48	22633.54	21978.75	9938.70	5019.66	3400.76	2897.49	2365.85	1936.49	3226.41
G 80.0	1564.52	2801.41	4184.83	20881.15	30446.75	39733.36	36083.46	11518.45	2369.98	1939.00	1450.66	1411.08	2058.20
G 85.0	1500.10	1851.44	4703.20	15782.34	27923.14	25610.50	20444.64	35649.21	3381.92	2015.30	1518.56	1951.07	3446.20
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				Ensayo				Lámpara					
Código	OX87055			Código	87055.V55			Código	NAVT100				
Nombre	AVENUE 100W SE-ST E40 BOWL 230V-50HZ			Nombre	AVENUE 100W ST			Número	1				
Familia	AVENUE			Fecha	23-05-2006			Posición					
Rendimiento	82.31%			Sist. de Coorden.	CG viales			Flujo Total	10000.00 lm				
Luminance cd/m2 Tabla 3/3													
	C 180.00	C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00
G 0.0	43452.95	43452.95	43452.95	43452.95	43452.95	43452.95	43452.95	43452.95	43452.95	43452.95	43452.95	43452.95	43452.95
G 5.0	43847.83	42801.28	41485.36	40476.64	39617.84	37842.54	35948.45	34466.47	33861.10	33634.57	33861.10	34466.47	35948.45
G 10.0	44943.15	42767.96	40396.66	38250.22	36523.85	33695.57	30472.15	27586.17	26376.04	25953.89	26376.04	27586.17	30472.15
G 15.0	47089.23	43494.93	40312.18	36936.41	34361.43	31620.90	28065.71	24032.88	22253.85	21674.36	22253.85	24032.88	28065.71
G 20.0	50459.67	44426.73	39446.02	35509.81	32287.90	29792.03	26684.95	22355.42	20224.47	19428.54	20224.47	22355.42	26684.95
G 25.0	54923.97	44859.91	36284.45	32839.01	29442.89	26411.31	24125.58	20771.84	18310.62	17640.80	18310.62	20771.84	24125.58
G 30.0	59074.47	44352.78	33173.23	28932.05	26251.57	22981.46	21374.25	19252.82	17450.80	16941.27	17450.80	19252.82	21374.25
G 35.0	61917.18	42636.16	31352.85	24730.78	23707.67	21686.29	20347.17	18128.22	16946.84	16700.50	16946.84	18128.22	20347.17
G 40.0	66592.99	41071.52	27624.11	23638.15	21722.53	21629.08	20406.24	16896.22	13912.25	12811.39	13912.25	16896.22	20406.24
G 45.0	78475.57	42911.36	31224.14	25975.43	21848.32	19009.95	17559.23	15526.79	14191.65	13762.39	14191.65	15526.79	17559.23
G 50.0	106653.98	47632.03	30740.09	26890.35	22775.17	14974.71	18876.98	18235.96	15604.38	13571.57	15604.38	18235.96	18876.98
G 55.0	133600.12	53366.67	32721.79	28894.02	25616.56	19012.97	21209.48	15346.01	9790.42	7892.65	9790.42	15346.01	21209.48
G 60.0	117146.83	34317.45	27128.74	31484.85	29218.11	20002.15	12220.16	7860.56	6195.09	7203.61	6195.09	7860.56	12220.16
G 65.0	109418.28	30143.71	8649.26	5663.79	11535.91	17662.29	5655.02	6263.31	8276.00	8600.78	8276.00	6263.31	5655.02
G 70.0	63373.75	19642.56	7689.41	5021.21	3981.13	3663.55	3889.41	5788.43	6682.94	6743.69	6682.94	5788.43	3889.41
G 75.0	21978.75	9938.70	5019.66	3400.76	2897.49	2365.85	1936.49	3226.41	4145.30	3728.04	4145.30	3226.41	1936.49
G 80.0	39733.36	36083.46	11518.45	2369.98	1939.00	1450.66	1411.08	2058.20	2401.30	2483.33	2401.30	2058.20	1411.08
G 85.0	25610.50	20444.64	35649.21	3381.92	2015.30	1518.56	1951.07	3446.20	3495.80	1653.04	3495.80	3446.20	1951.07
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