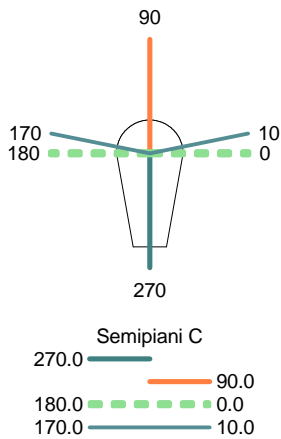
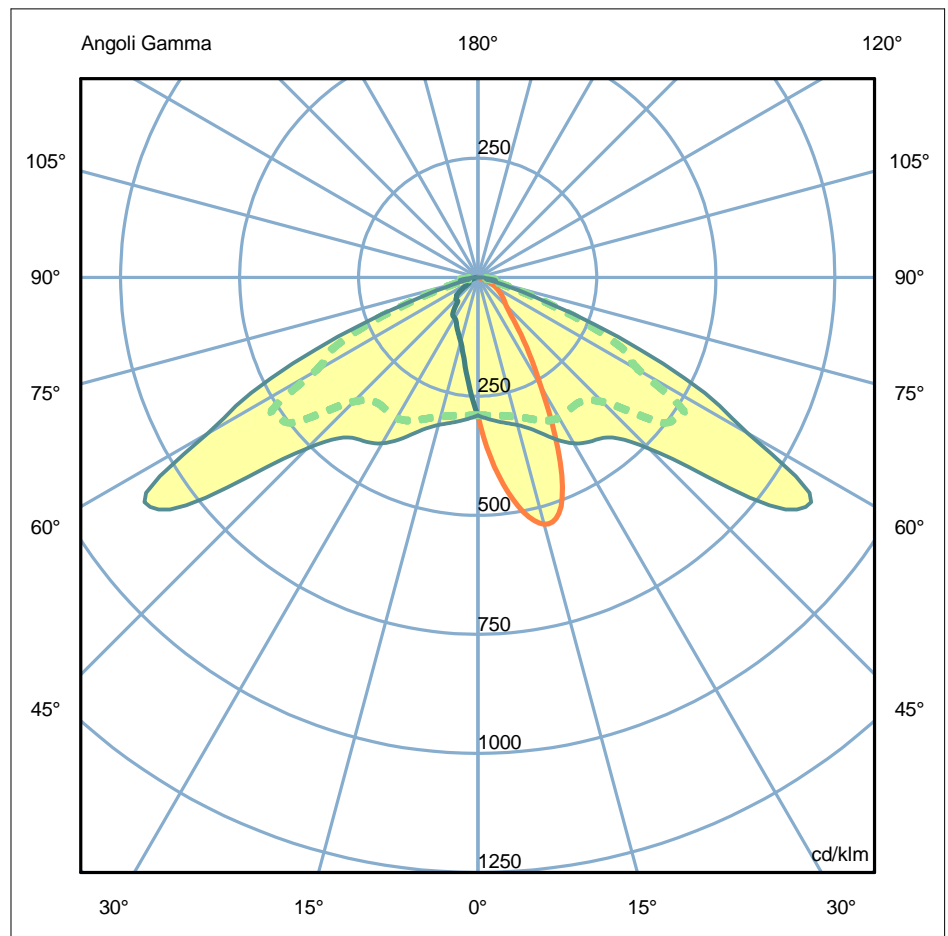


Apparecchio		Rilievo		Lampada	
Codice	OX87055	Codice	87055.V55	Codice	NAVT100
Nome	AVENUE 100W SE-ST E40 BOWL 230V-50HZ	Nome	AVENUE 100W ST	Numero	1
Archivio	AVENUE	Data	23-05-2006	Posizione	
Rendimento	82.31%	Sistema Coordinate	CG Strade	Flusso Totale	10000.00 lm
Valore Massimo	840.31 cd/klm	Posizione	C=10.00 G=55.00	Simmetrico	90-270
Apparecchio Rettangolare	Lung. 770 mm	Larg. 370 mm	Alt. 205 mm		
Area Luminosa Rettangolare	Lung. 290 mm	Larg. 230 mm	Alt. 0 mm		
Area Luminosa Orizzontale	0.066700 m2	Area Luminosa Piano 180°	0.000000 m2		
Area Luminosa Piano 0°	0.000000 m2	Area Luminosa Piano 270°	0.000000 m2		
Area Luminosa Piano 90°	0.000000 m2	Area Luminosa a 76°	0.016136 m2		
Tipo di Simmetria	Simmetrico 90-270	Massimo Angolo Gamma	180		
Distanza di rilievo	9.53	Flusso di rilievo	9256.00 lm		
Operatore	OxyTech	Tensione alimentazione	230.00 V		
Temperatura	25.00 °C	Corrente di alimentazione			
Umidità	60.00 %	Fotocellula	II1700		
Note					

		Lampade Apparecchio			
Archivio	Codice	Nome	Flusso [lm]	Pot. [W]	Q.tà
	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 %



Apparecchio			Rilievo			Lampada		
Codice	OX87055		Codice	87055.V55		Codice	NAVT100	
Nome	AVENUE 100W SE-ST E40 BOWL 230V-50HZ		Nome	AVENUE 100W ST		Numero	1	
Archivio	AVENUE		Data	23-05-2006		Posizione		

Rendimento	82.31%	Sistema Coordinate	CG Strade	Flusso Totale	10000.00 lm
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	Tabella Intensità Luminose - cd/klm							Tabella 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

Apparecchio		Rilievo						Lampada					
Codice	OX87055	Codice	87055.V55					Codice	NAVT100				
Nome	AVENUE 100W SE-ST E40 BOWL 230V-50HZ	Nome	AVENUE 100W ST					Numero	1				
Archivio	AVENUE	Data	23-05-2006					Posizione					
Rendimento	82.31%	Sistema Coordinate			CG Strade			Flusso Totale	10000.00 lm				
Tabella Intensità Luminose - cd/klm						Tabella 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

Apparecchio		Rilievo		Lampada	
Codice	OX87055	Codice	87055.V55	Codice	NAVT100
Nome	AVENUE 100W SE-ST E40 BOWL 230V-50HZ	Nome	AVENUE 100W ST	Numero	1
Archivio	AVENUE	Data	23-05-2006	Posizione	

Rendimento	82.31%	Sistema Coordinate	CG Strade	Flusso Totale	10000.00 lm
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Tabella Intensità Luminosa - cd/klm Tabella 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

Apparecchio

Codice OX87055
 Nome AVENUE 100W SE-ST E40 BOWL 230V-50HZ
 Archivio AVENUE

Rilievo

Codice 87055.V55
 Nome AVENUE 100W ST
 Data 23-05-2006

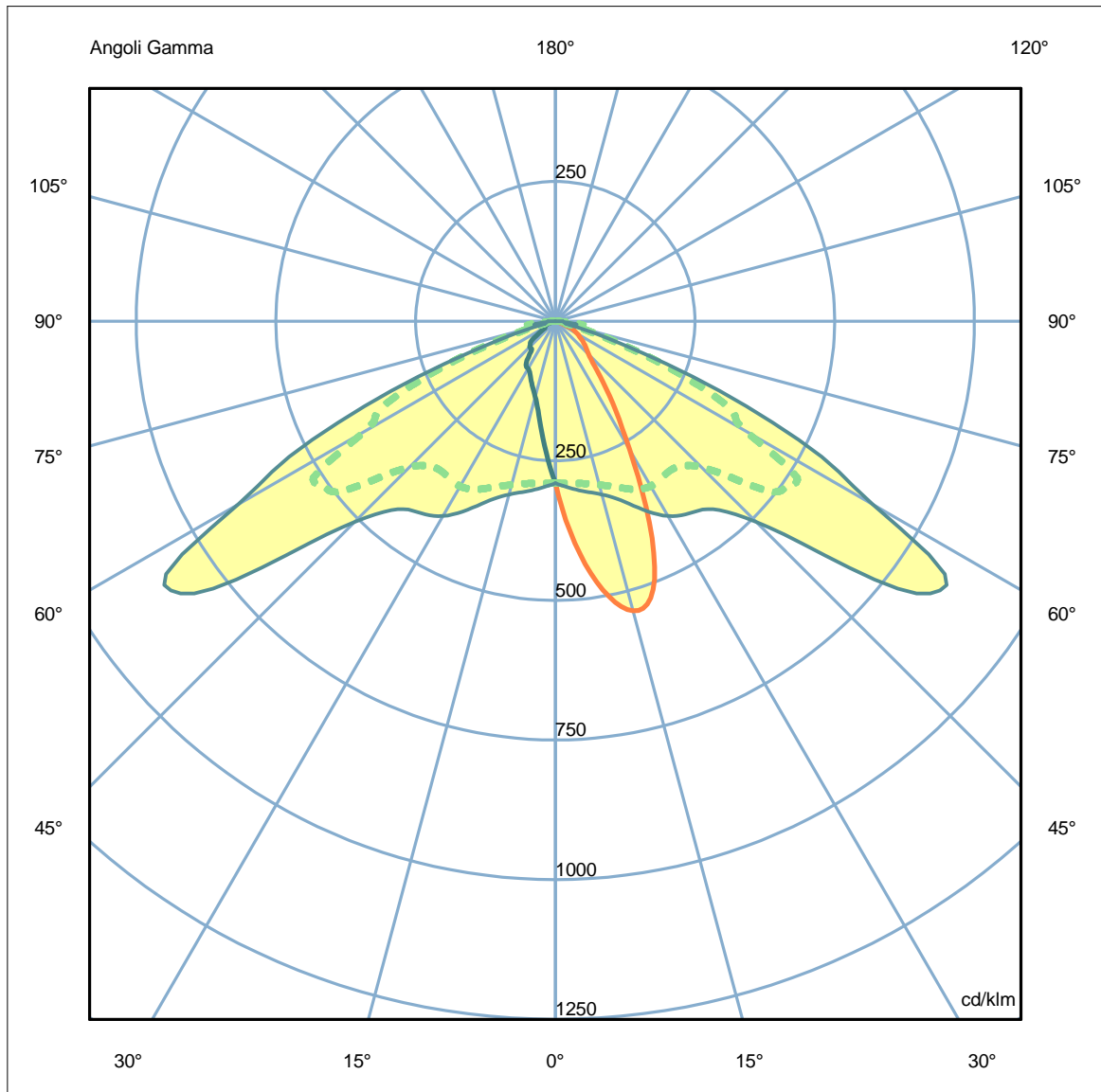
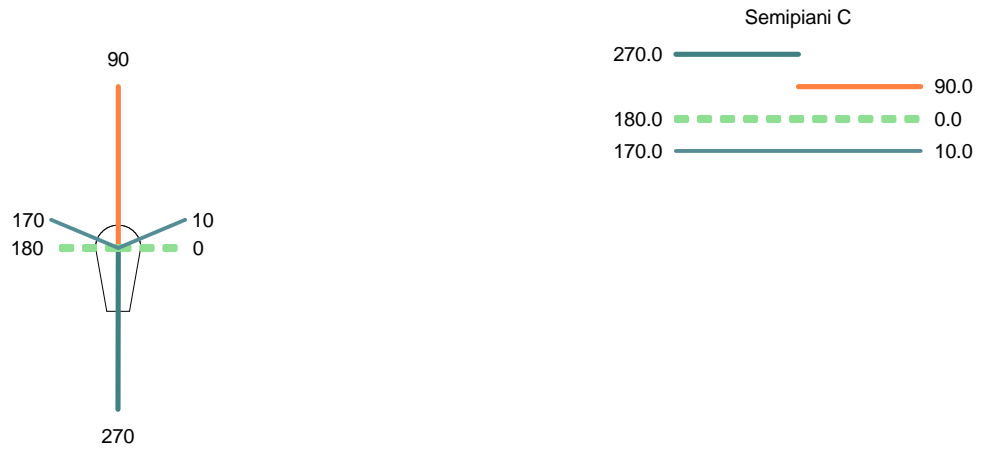
Lampada

Codice NAVT100
 Numero 1
 Posizione

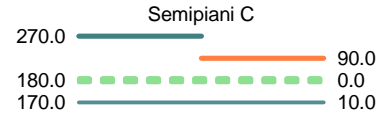
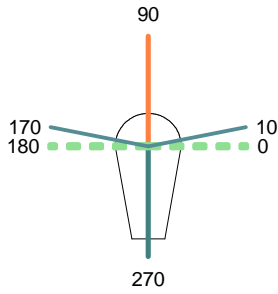
Rendimento 82.31%

Sistema Coordinate CG Strade

Flusso Totale 10000.00 lm



Apparecchio		Rilievo		Lampada	
Codice	OX87055	Codice	87055.V55	Codice	NAVT100
Nome	AVENUE 100W SE-ST E40 BOWL 230V-50HZ	Nome	AVENUE 100W ST	Numero	1
Archivio	AVENUE	Data	23-05-2006	Posizione	
Rendimento	82.31%	Sistema Coordinate	CG Strade	Flusso Totale	10000.00 lm

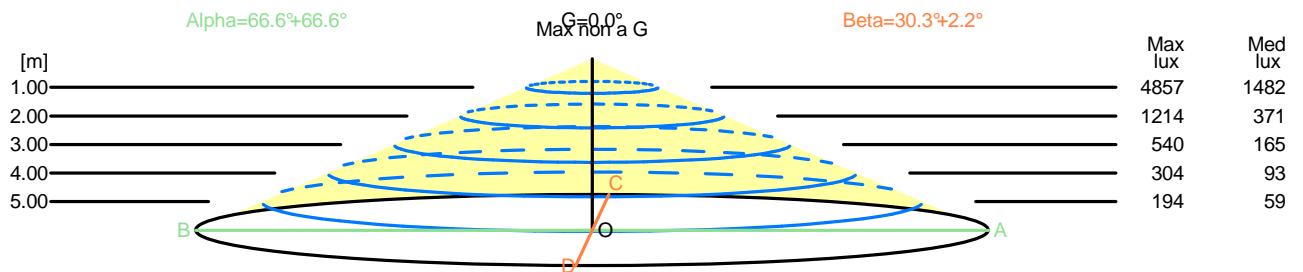


Apparecchio		Rilievo		Lampada	
Codice	OX87055	Codice	87055.V55	Codice	NAVT100
Nome	AVENUE 100W SE-ST E40 BOWL 230V-50HZ	Nome	AVENUE 100W ST	Numero	1
Archivio	AVENUE	Data	23-05-2006	Posizione	
Rendimento	82.31%	Sistema Coordinate	CG Strade	Flusso Totale	10000.00 lm

Apertura a 50.00 % di 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

	Intensita' Luminosa [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 Max non 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 Max non 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		

Apparecchio		Rilievo		Lampada	
Codice	OX87055	Codice	87055.V55	Codice	NAVT100
Nome	AVENUE 100W SE-ST E40 BOWL 230V-50HZ	Nome	AVENUE 100W ST	Numero	1
Archivio	AVENUE	Data	23-05-2006	Posizione	

Rendimento	82.31%	Sistema Coordinate	CG Strade	Flusso Totale	10000.00 lm
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Flusso Totale=10000.00 Flusso Apparecchio=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

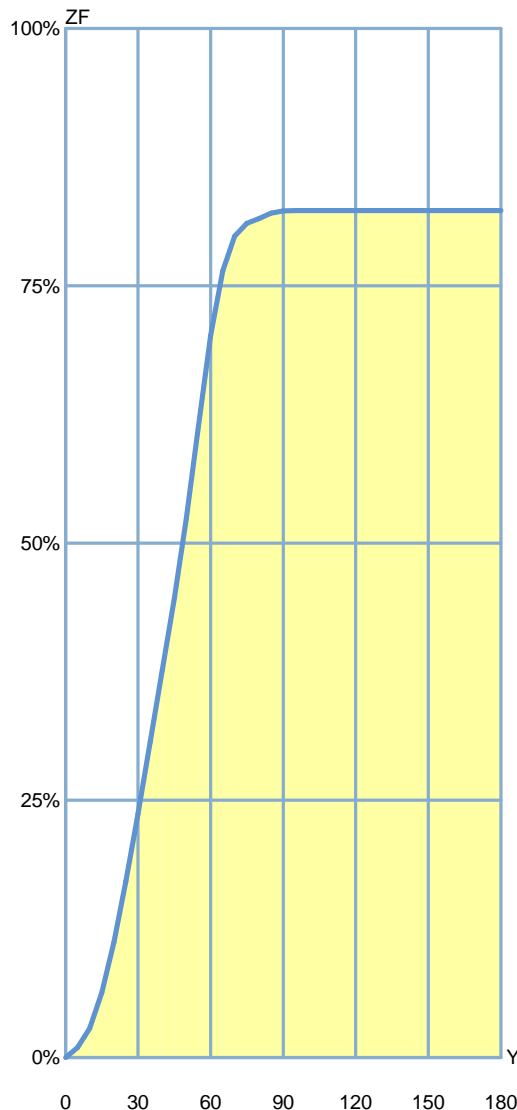
Flusso Zonale per 1000 lumen

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

CODICI DI FLUSSO CIE

48 85 98 100 82

C.I.E.	5/5/5/4/4/4/4/4/4/4/4	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 %



Flusso Zonale				
Gamma °	Flusso	Somma lm	Flusso [%]	Somma [%]
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

Apparecchio

Dati Apparecchio

Produttore: GEWISS

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

Sorgente Luminosa: CPX-20-13

Applicazione: Stradali (ME)

Operatore

Nome: OxyTech

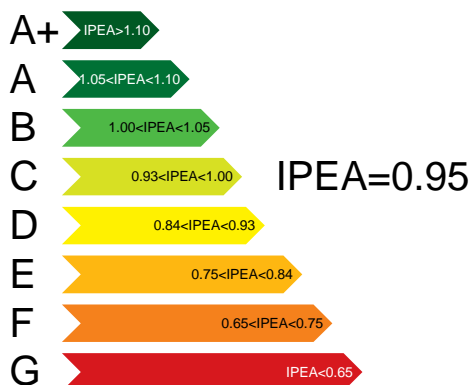
Società: OxyTech

Data: 23 / 05 / 2006

File : GW87073.OXL

Classificazione energetica

IPEA



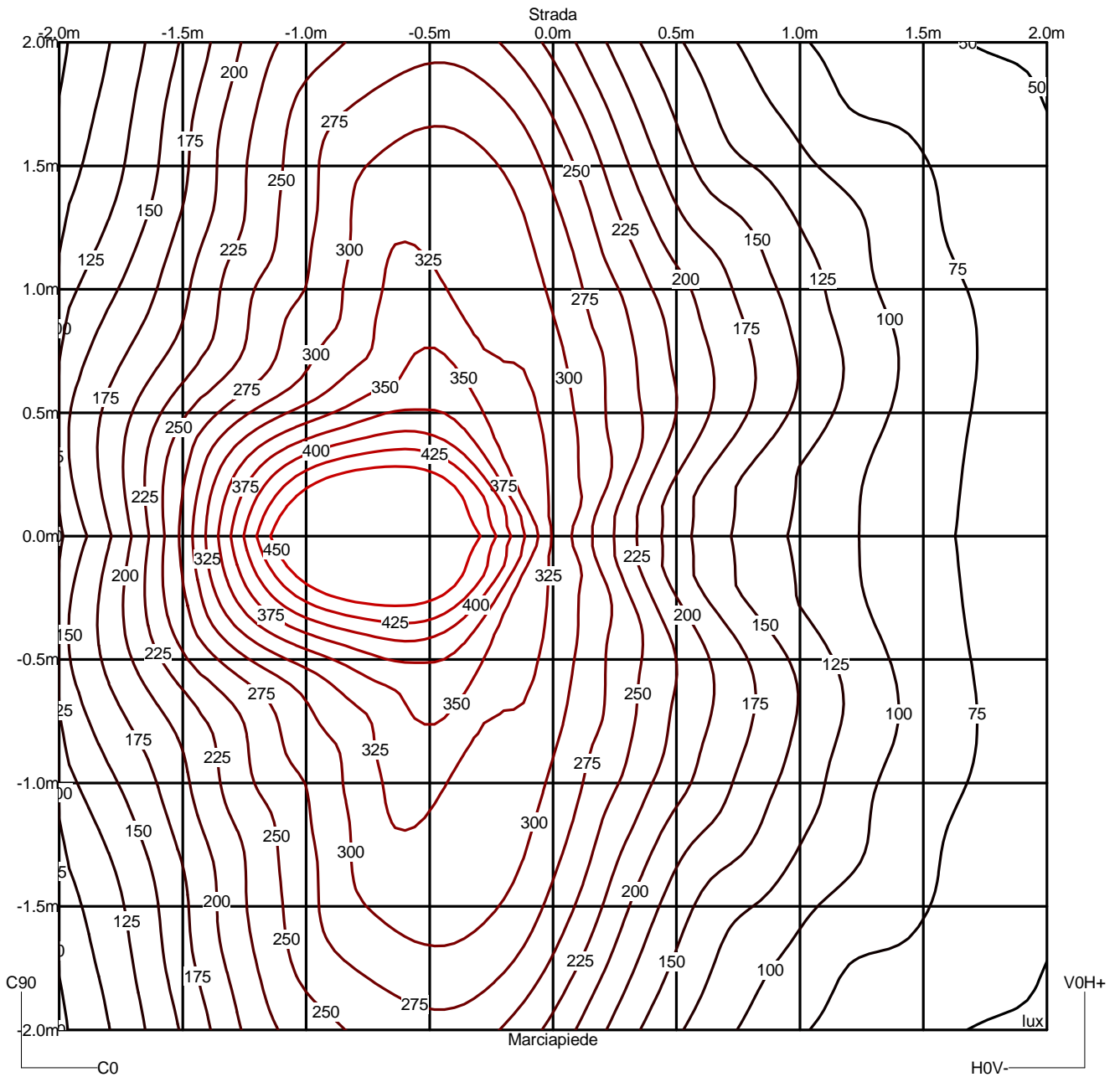
Altri Dati

Sorgente e codice	CPX-20-13	Caratteristiche sorgente	
Temp.Colore e CRI	Tc:2700 Ra:0	Ottica	Symmetric
Allegati		Classificazione allegati	A1
PSU		Affidabilità	
Flusso sorgente	10000.0 lm	Potenza reale	115W
Flusso Totale	8230.9 lm	Vita sorgente	
LLMF		LSF	
Inquinamento Luminoso	0.2%	Certificazione	
Prezzo		Garanzia	

Apparecchio		Rilievo		Lampada	
Codice	OX87055	Codice	87055.V55	Codice	NAV100
Nome	AVENUE 100W SE-ST E40 BOWL 230V-50HZ	Nome	AVENUE 100W ST	Numero	1
Archivio	AVENUE	Data	23-05-2006	Posizione	
Rendimento	82.31%	Sistema Coordinate	CG Strade	Flusso Totale	10000.00 lm

Isolux (Pavimento)

Posizione Apparecchio X=0.00m Y=0.00m Z=3.00m



Apparecchio

Codice OX87055
 Nome AVENUE 100W SE-ST E40 BOWL 230V-50HZ
 Archivio AVENUE

Rilievo

Codice 87055.V55
 Nome AVENUE 100W ST
 Data 23-05-2006

Lampada

Codice NAVT100
 Numero 1
 Posizione

Rendimento 82.31%

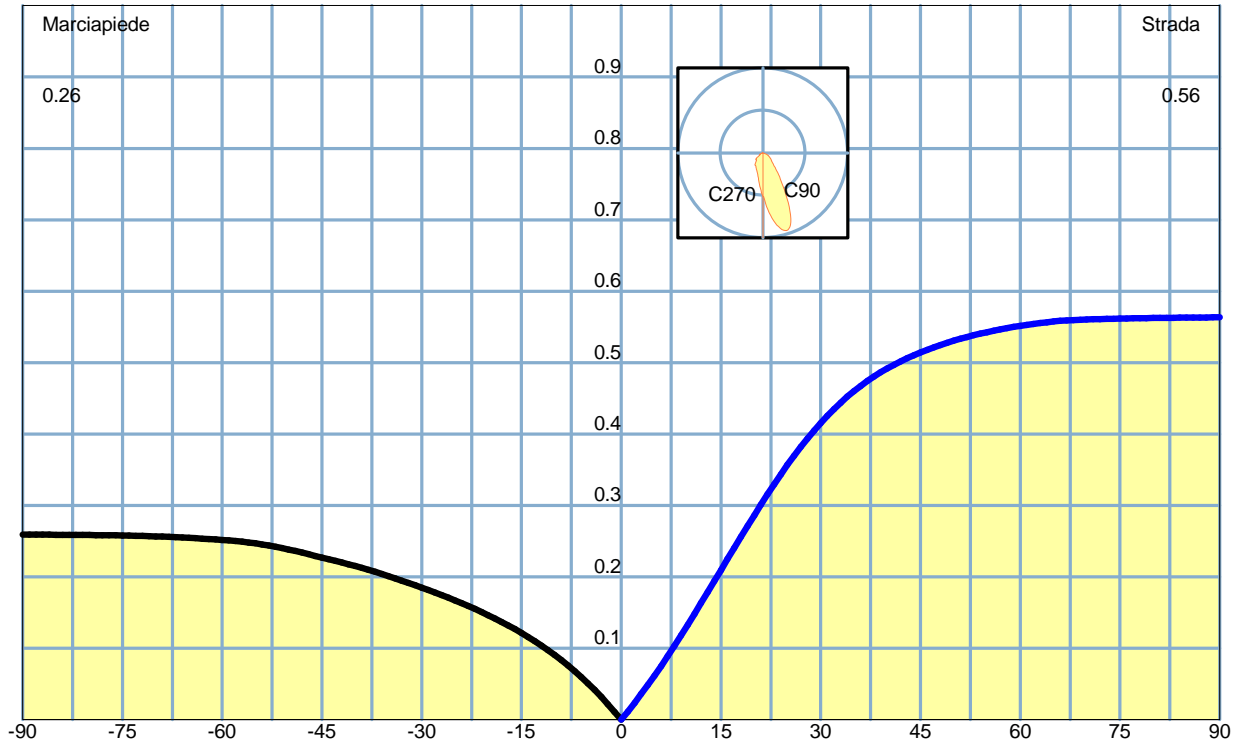
Sistema Coordinate CG Strade

Flusso Totale 10000.00 lm

Grafici Stradali

Angolo Inclinazione = 0.0

ETA = 82.27%



Spread: 24.8° Stretto

Throw: 54.9° Corto

SLI (abbagliamento) 3.7 Medio

Classificazione CIE: Semi Cutoff - Max: C=10.0° G amma=55.0°

Classificazione IES: Cutoff

KB2

DLOR 82.26776 %

ULOR 0.04157 %

Rendimento 82.30933 %

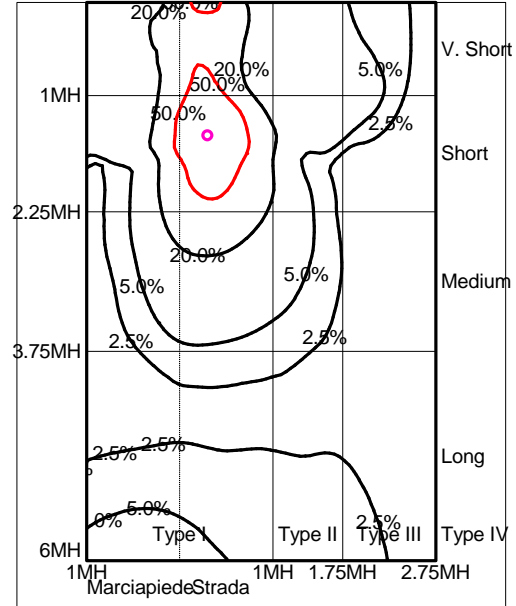
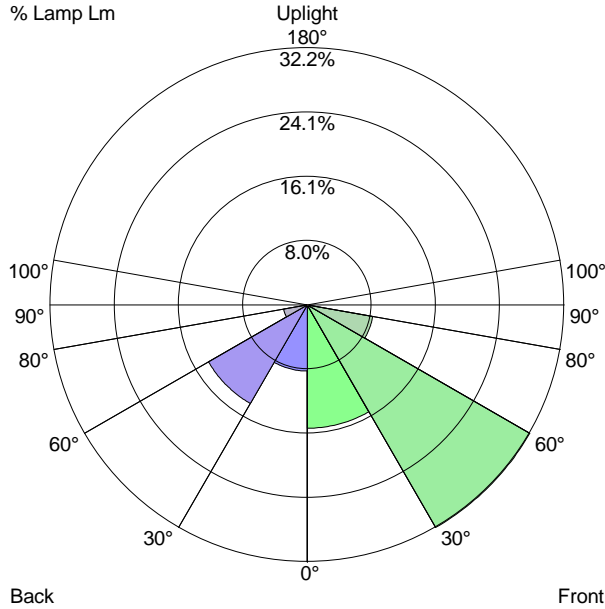
RN 0.05051 %

Indice Abbagliamento D3

Classe Intensità Luminosa G3

Apparecchio		Rilievo		Lampada	
Codice	OX87055	Codice	87055.V55	Codice	NAV100
Nome	AVENUE 100W SE-ST E40 BOWL 230V-50HZ	Nome	AVENUE 100W ST	Numero	1
Archivio	AVENUE	Data	23-05-2006	Posizione	
Rendimento	82.31%	Sistema Coordinate	CG Strade	Flusso Totale	10000.00 lm

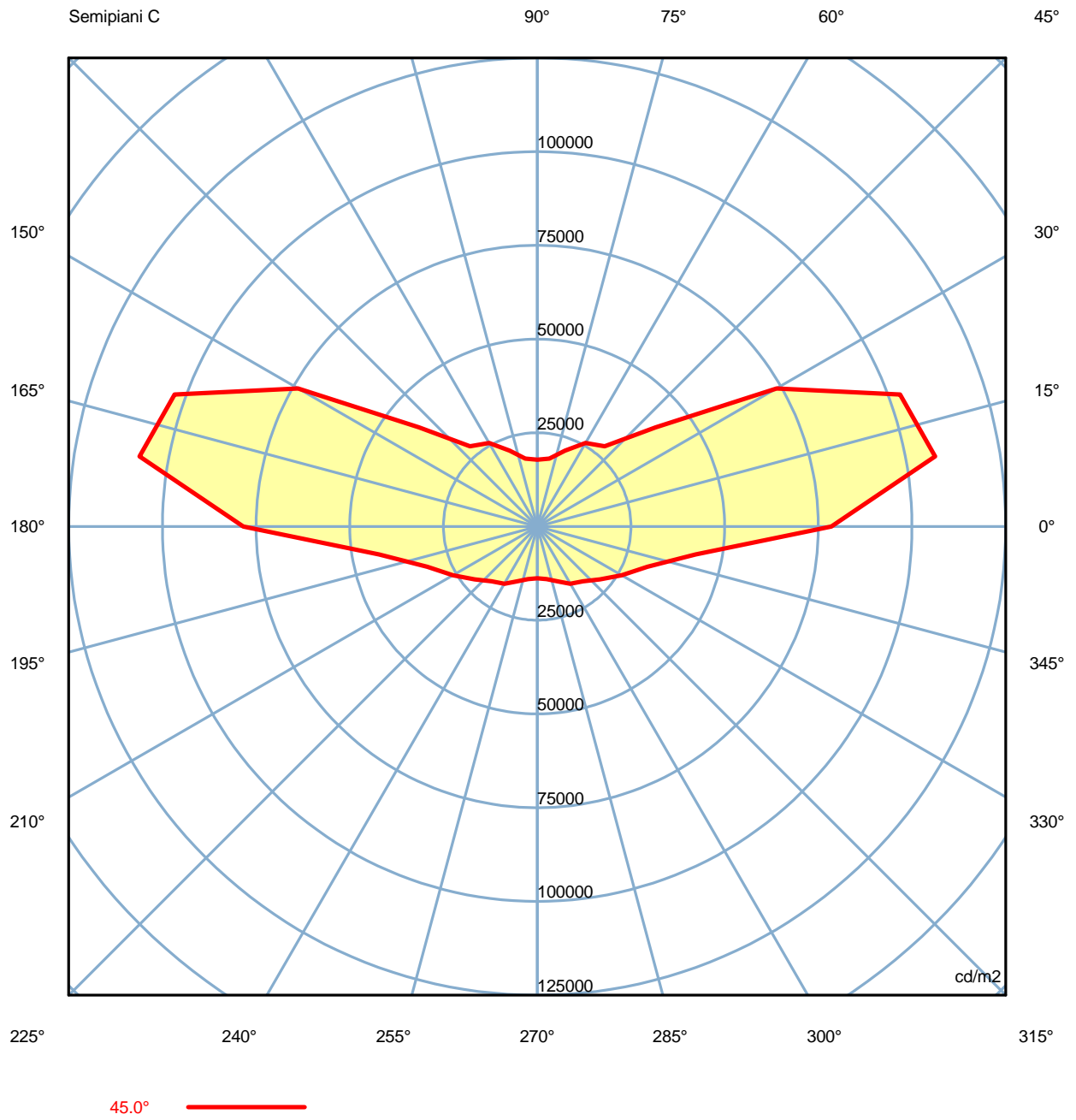
US ROAD STANDARDS



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			

Apparecchio		Rilievo		Lampada	
Codice	OX87055	Codice	87055.V55	Codice	NAVT100
Nome	AVENUE 100W SE-ST E40 BOWL 230V-50HZ	Nome	AVENUE 100W ST	Numero	1
Archivio	AVENUE	Data	23-05-2006	Posizione	
Rendimento	82.31%	Sistema Coordinate	CG Strade	Flusso Totale	10000.00 lm

Luminanza



Apparecchio		Rilievo		Lampada									
Codice	OX87055	Codice	87055.V55	Codice	NAVT100								
Nome	AVENUE 100W SE-ST E40 BOWL 230V-50HZ	Nome	AVENUE 100W ST	Numero	1								
Archivio	AVENUE	Data	23-05-2006	Posizione									
Rendimento	82.31%	Sistema Coordinate	CG Strade	Flusso Totale	10000.00 lm								
Luminance cd/m2 Tabella 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

Apparecchio				Rilievo				Lampada					
Codice OX87055				Codice 87055.V55				Codice NAVT100					
Nome AVENUE 100W SE-ST E40 BOWL 230V-50HZ				Nome AVENUE 100W ST				Numero 1					
Archivio AVENUE				Data 23-05-2006				Posizione					
Rendimento		82.31%		Sistema Coordinate		CG Strade		Flusso Totale		10000.00 lm			
Luminance cd/m2 Tabella 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

Apparecchio				Rilievo				Lampada					
Codice OX87055				Codice 87055.V55				Codice NAVT100					
Nome AVENUE 100W SE-ST E40 BOWL 230V-50HZ				Nome AVENUE 100W ST				Numero 1					
Archivio AVENUE				Data 23-05-2006				Posizione					
Rendimento		82.31%		Sistema Coordinate		CG Strade		Flusso Totale		10000.00 lm			
Luminance cd/m2 Tabella 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