

**Luminaire**

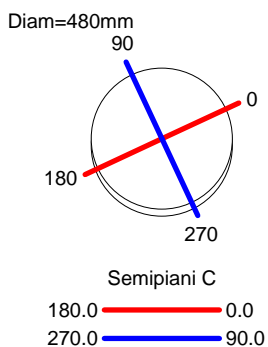
Code EASY C SHP 400W  
Name EASY C SHP 400W E40

**Measurem.**

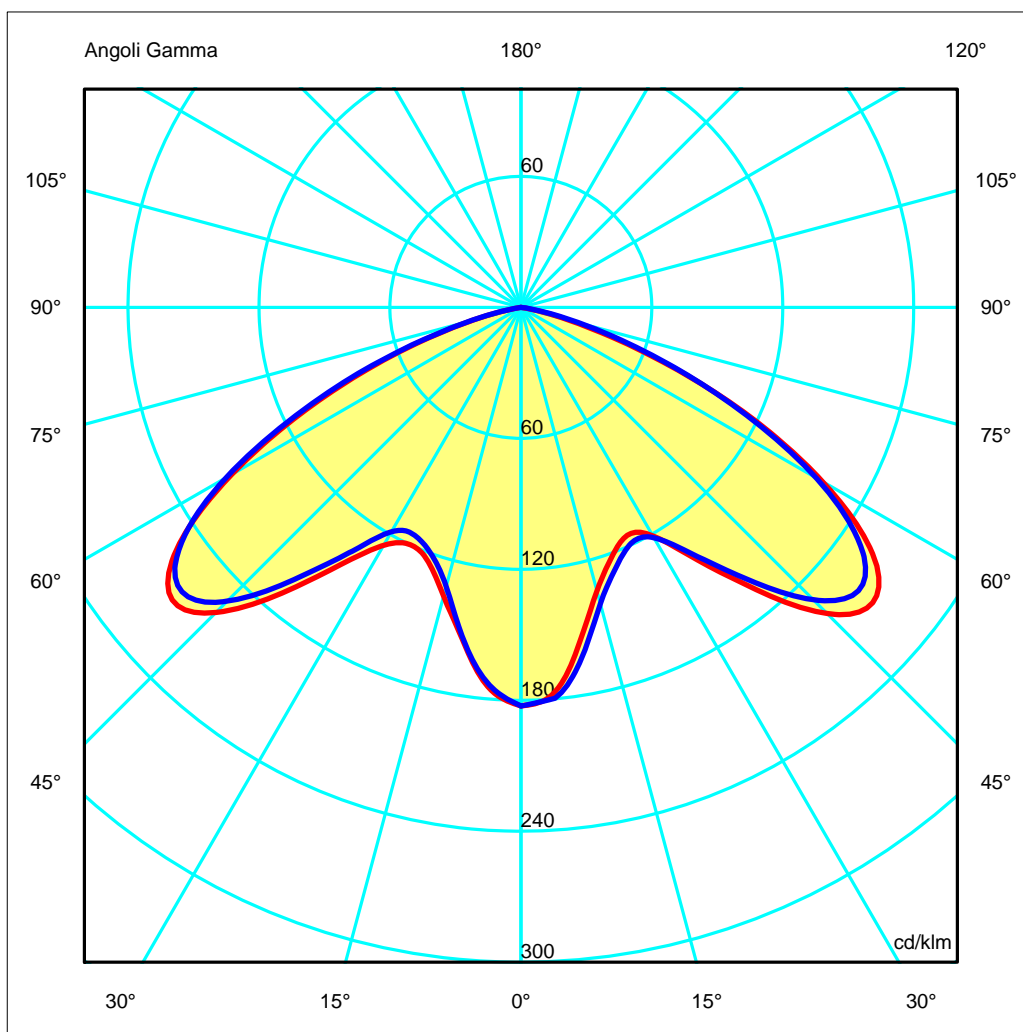
Code CL2303/09-50I-BF  
Name EASY C SHP 400W E40

Luminaire Flux	37423.69 lm	Luminaire Power	400.00 W	Efficacy	93.56 lm/W	Efficiency	66.24%
Lamps Flux	56500.00 lm	Maximum value	211.22 cd/klm	Position	C=30.00 G=50.00	CG	Asymmetrical
Round Luminaire		Diam.	480 mm	Height	548 mm		
Round Luminous Area		Diam.	475 mm	Height	0 mm		
Horizontal Luminous Area		0.177205 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°		0.042870 m2	
Coordinate system		CG		Symmetry Type		Asymmetrical	
Date		02-10-2009		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		47000.00 lm	
Operator		ABDEL		Source Voltage [V]			
Temperature				Source current [A]			
Humidity				Photocell			
Notes		1 * NAV-E 400 = 47000.00 lm					

Line		Code		Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
OSRAM ILCOS STH,SD,ST,SE,LS		NAV-E 400 SUPER 4Y		Name		56500.00	400.00	1
				VIALOX® NAV-E 400 SUPER 4Y E40				
C.I.E.	33 78 98 100 66			D DIN 5040		A20		
F UTE	0.66 I			B NBN		BZ 6 / 1.25 / BZ 5		



ULOR 0.00 %  
DLOR 66.24 %  
RN 0.00 %



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**Measur.**  
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**Luminous Intensity Table cd/klm Table 1/1**

	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
G 0.0	182.55	182.55	182.55	182.55	182.55	182.55	182.55	182.55	182.55	182.55	182.55	182.55
G 5.0	176.98	179.55	181.41	182.02	181.16	180.13	179.69	180.07	180.17	179.46	178.06	176.44
G 10.0	155.54	159.29	162.30	164.15	163.38	162.19	162.26	163.10	163.45	162.63	160.47	158.08
G 15.0	134.46	137.56	140.32	142.13	141.55	140.72	140.57	141.03	141.36	140.63	139.79	139.64
G 20.0	121.67	123.50	125.42	127.18	127.50	127.77	126.97	126.70	127.09	126.69	126.37	126.43
G 25.0	115.21	115.96	117.27	118.50	118.72	119.00	119.29	119.43	119.34	119.42	119.83	119.72
G 30.0	120.77	120.44	120.87	121.67	121.77	121.51	121.77	122.93	123.40	123.87	124.17	123.71
G 35.0	141.32	140.37	139.30	138.97	138.70	137.44	138.33	141.07	142.04	142.62	143.17	141.12
G 40.0	169.39	168.06	166.66	165.51	164.52	162.49	163.30	166.76	168.11	168.99	169.81	167.55
G 45.0	198.46	197.82	196.43	194.37	191.61	188.57	189.37	193.02	194.92	195.96	196.21	194.37
G 50.0	210.37	211.21	211.22	208.91	204.84	201.74	201.89	204.60	207.17	208.37	208.13	207.34
G 55.0	196.68	199.24	199.97	197.64	192.83	190.29	189.95	190.93	193.44	194.60	193.57	193.68
G 60.0	159.55	163.40	164.62	162.59	157.88	155.41	156.07	157.93	158.27	157.17	155.64	156.22
G 65.0	111.17	116.99	115.90	113.41	110.60	108.98	109.51	110.00	109.17	107.39	105.80	107.32
G 70.0	60.44	63.60	65.58	66.17	64.96	65.29	64.02	61.90	62.38	61.98	61.34	62.33
G 75.0	23.71	26.00	27.70	28.60	28.31	29.07	28.48	26.65	26.98	26.60	25.76	25.89
G 80.0	5.37	6.41	7.20	7.52	7.44	7.95	7.72	6.94	6.87	6.86	6.76	6.63
G 85.0	0.64	0.76	0.89	0.98	1.03	1.08	0.90	0.84	0.94	0.92	0.92	0.89
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

	C 180.00	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	182.55	182.55	182.55	182.55	182.55	182.55	182.55	182.55	182.55	182.55	182.55	182.55
G 5.0	174.40	173.92	173.69	172.35	172.06	172.30	172.94	173.57	174.34	175.27	177.00	176.80
G 10.0	154.49	154.66	155.16	152.32	152.05	152.92	153.64	153.60	153.23	153.60	156.25	155.67
G 15.0	136.92	135.66	135.65	133.53	132.31	132.00	132.33	132.99	133.54	133.01	133.81	133.70
G 20.0	123.99	124.10	125.43	122.92	121.10	120.45	120.23	120.54	120.61	120.02	120.61	120.68
G 25.0	119.92	119.81	119.30	118.79	117.28	115.74	115.21	115.08	114.73	114.61	114.41	114.44
G 30.0	125.83	124.83	122.38	121.96	121.13	119.41	118.63	118.74	118.39	118.45	118.83	119.65
G 35.0	143.74	144.18	140.49	140.92	140.32	138.05	137.12	137.68	136.75	136.90	137.27	138.96
G 40.0	171.09	171.70	167.23	168.02	167.12	164.21	163.31	164.20	163.44	164.11	164.79	166.89
G 45.0	197.66	198.75	195.44	195.46	194.07	191.26	190.46	192.01	192.77	194.46	195.09	196.42
G 50.0	208.53	210.09	210.13	209.17	206.35	203.33	202.68	204.81	207.99	210.60	211.16	210.30
G 55.0	192.26	194.07	198.67	196.55	192.93	190.99	190.76	192.79	197.89	201.94	202.84	198.58
G 60.0	153.07	155.38	161.89	161.85	160.14	157.42	155.92	158.14	163.88	168.70	170.15	163.08
G 65.0	104.70	109.27	114.92	112.79	112.47	110.15	108.20	109.60	114.95	119.83	121.10	113.08
G 70.0	58.76	60.95	66.33	62.73	60.13	60.61	61.41	62.29	66.15	66.93	65.95	62.31
G 75.0	23.42	23.43	27.13	25.28	23.79	24.57	24.73	24.31	26.52	27.31	26.36	24.09
G 80.0	4.89	5.06	6.23	5.53	5.61	6.16	6.03	5.86	6.42	6.31	6.22	5.50
G 85.0	0.55	0.59	0.88	0.76	0.68	0.73	0.73	0.73	0.76	0.69	0.71	0.66
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