

**Luminaire**

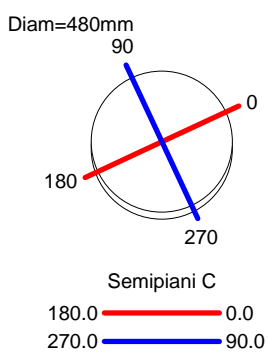
Code EASY C SHP 150W  
Name EASY C SHP 150W E40

**Measurerm.**

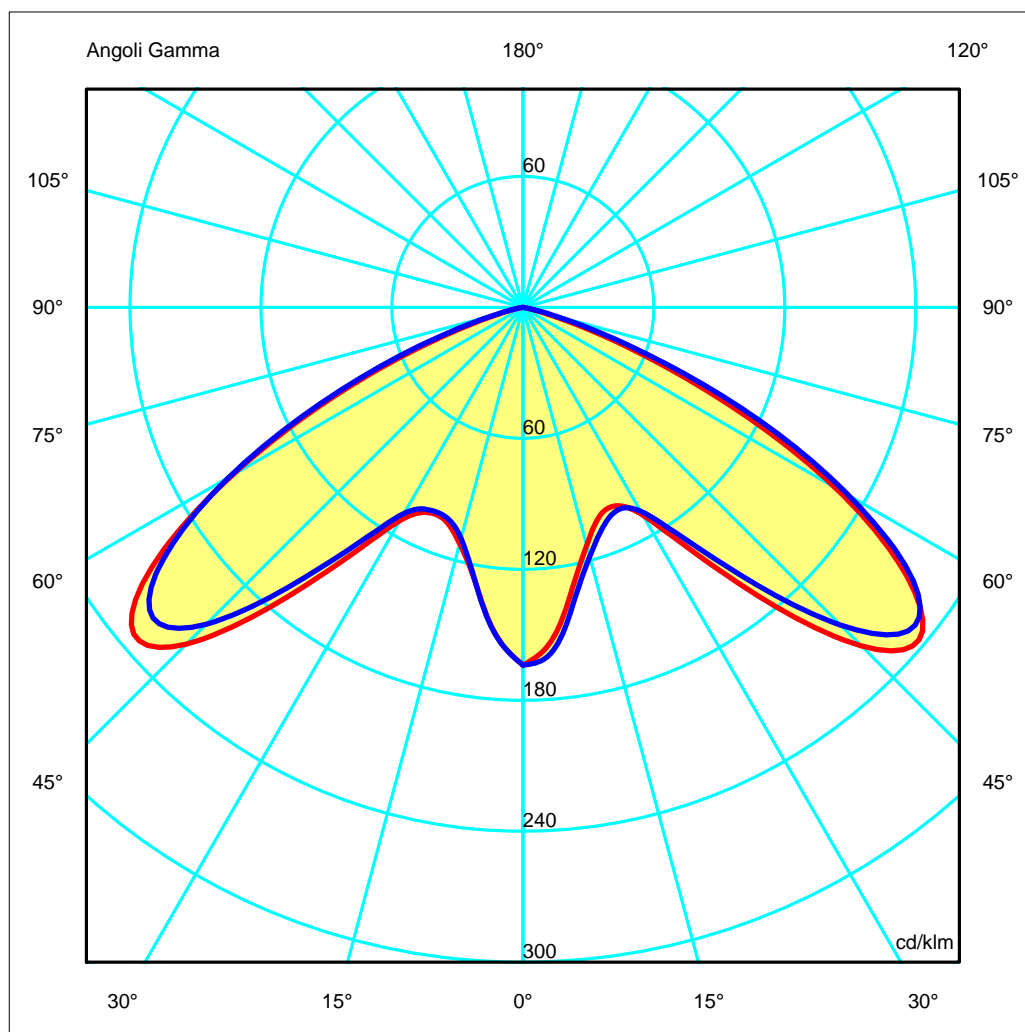
Code CL2303/09-48I-BF  
Name EASY C SHP 150W E40

Luminaire Flux	11071.08 lm	Luminaire Power	150.00 W	Efficacy	73.81 lm/W	Efficiency	65.12%
Lamps Flux	17000.00 lm	Maximum value	238.23 cd/klm	Position	C=15.00 G=50.00	CG	Asymmetrical
Round Luminaire Round Luminous Area	Diam. 480 mm Diam. 475 mm	Height	548 mm	Height	0 mm		
Horizontal Luminous Area	0.177205 m2	Emitting area on Plane 180°	0.000000 m2	Emitting area on Plane 270°	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	14000.00 lm				
Operator	ABDEL	Source Voltage [V]					
Temperature		Source current [A]					
Humidity		Photocell					
Notes	1 * NAV-E 150 = 14000.00 lm						

Line		Code		Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
OSRAM ILCOS STH,SD,ST,SE,LS		NAV-E 150 SUPER 4Y		Name VIALOX® NAV-E 150 SUPER 4Y E40		17000.00	150.00	1
C.I.E.	31 80 99 100 65			D DIN 5040		A20		
F UTE	0.65 I			B NBN		BZ 7 / 0.8 / BZ 6 / 1.25 / BZ 5		



ULOR 0.00 %  
DLOR 65.12 %  
RN 0.00 %



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**Measur.**  
 Code CL2303/09-48I-BF  
 Name EASY C SHP 150W E40

Luminaire Flux	11071.08 lm	Luminaire Power	150.00 W	Efficacy	73.81 lm/W	Efficiency	65.12%
Lamps Flux	17000.00 lm	Maximum value	238.23 cd/klm	Position	C=15.00 G=50.00	CG	Asymmetrical

**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	163.84	163.84	163.84	163.84	163.84	163.84	163.84	163.84	163.84	163.84	163.84	163.84
G 5.0	152.92	155.58	157.24	158.41	159.44	158.87	157.90	157.83	156.71	155.87	154.49	152.91
G 10.0	130.63	133.74	135.49	136.70	138.10	137.67	136.00	135.70	134.39	133.45	132.05	130.21
G 15.0	112.76	114.68	115.93	116.99	117.83	118.32	118.16	117.43	116.00	115.24	114.24	113.24
G 20.0	102.04	103.30	104.50	105.82	106.75	107.13	107.10	106.74	105.60	105.18	104.78	104.34
G 25.0	100.28	100.19	100.60	101.35	101.73	102.04	102.44	102.86	102.75	102.61	102.73	102.71
G 30.0	109.90	107.96	106.61	106.23	106.69	107.32	107.81	109.31	110.34	110.35	110.54	110.52
G 35.0	137.21	133.31	129.46	127.23	127.55	128.07	129.50	131.05	131.17	133.31	135.83	136.14
G 40.0	177.48	173.08	167.22	162.69	162.73	163.50	165.15	167.01	167.62	170.82	174.09	174.25
G 45.0	219.33	216.14	210.04	204.73	204.30	204.11	205.75	208.90	210.43	213.18	215.75	215.17
G 50.0	236.92	238.23	235.32	232.08	231.16	229.76	230.52	233.34	235.39	236.51	236.68	234.73
G 55.0	214.86	220.87	221.90	222.31	221.44	218.76	218.30	220.88	222.73	220.96	218.05	215.22
G 60.0	165.37	175.18	176.44	177.11	177.09	174.23	172.66	173.52	173.92	170.09	165.83	163.24
G 65.0	101.19	111.50	113.44	115.51	115.93	113.90	113.07	112.16	111.24	110.54	109.71	104.47
G 70.0	44.54	52.23	54.37	56.59	57.31	55.65	54.64	54.03	53.16	52.16	51.75	48.44
G 75.0	11.25	13.11	15.13	17.50	17.88	17.48	16.88	16.05	15.69	14.37	13.12	12.95
G 80.0	2.28	2.61	3.09	3.60	3.66	3.69	3.55	3.33	3.22	2.93	2.69	2.63
G 85.0	0.40	0.50	0.61	0.73	0.73	0.70	0.65	0.64	0.65	0.58	0.51	0.51
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	163.84	163.84	163.84	163.84	163.84	163.84	163.84	163.84	163.84	163.84	163.84	163.84
G 5.0	149.48	149.06	150.44	148.47	147.88	148.96	149.66	149.99	151.02	151.72	153.28	152.79
G 10.0	127.10	126.73	127.33	125.02	124.19	125.32	126.89	127.66	128.87	129.80	131.05	130.11
G 15.0	112.02	111.79	111.45	109.94	109.25	108.94	109.52	110.71	111.58	111.90	112.77	112.33
G 20.0	103.92	103.89	104.01	103.13	102.54	102.17	102.39	102.74	102.56	102.23	102.22	101.73
G 25.0	103.69	103.90	103.45	103.14	102.66	102.45	102.29	101.96	101.27	100.68	99.78	99.66
G 30.0	112.75	112.12	110.36	109.97	109.27	109.18	108.92	108.72	108.82	109.09	107.91	108.70
G 35.0	139.35	138.22	134.91	134.23	132.83	132.56	132.04	131.52	132.39	133.17	131.51	134.47
G 40.0	178.11	176.23	171.41	170.20	167.70	167.51	167.32	166.99	168.29	170.38	169.97	173.43
G 45.0	218.09	214.72	206.61	206.35	205.48	204.92	205.28	206.08	207.54	209.73	210.28	215.16
G 50.0	232.77	230.47	225.32	221.41	220.66	220.54	221.29	223.41	224.58	226.41	230.45	234.17
G 55.0	207.66	207.59	207.16	199.84	199.66	199.99	201.42	204.60	206.31	209.58	214.77	213.81
G 60.0	153.96	156.18	160.22	152.91	153.68	154.46	155.20	157.87	160.43	164.26	168.71	164.19
G 65.0	93.28	96.91	102.79	96.82	97.33	98.13	98.64	100.55	102.58	105.29	107.84	100.85
G 70.0	40.41	43.54	49.00	45.24	46.01	46.49	46.94	47.95	48.53	49.73	50.21	44.24
G 75.0	10.82	11.37	12.85	12.38	13.63	13.94	14.22	14.62	13.56	13.10	13.70	12.09
G 80.0	2.26	2.58	3.18	2.90	2.98	3.08	3.14	3.16	2.89	2.64	2.74	2.45
G 85.0	0.39	0.47	0.62	0.55	0.55	0.55	0.56	0.60	0.53	0.47	0.50	0.43
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