

Luminaire

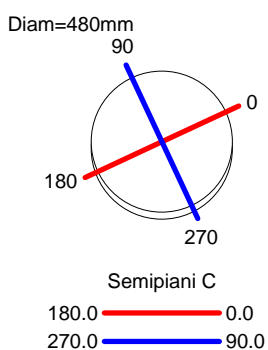
Code EASY C MH 400W
Name EASY C MH 400W E40

Measurem.

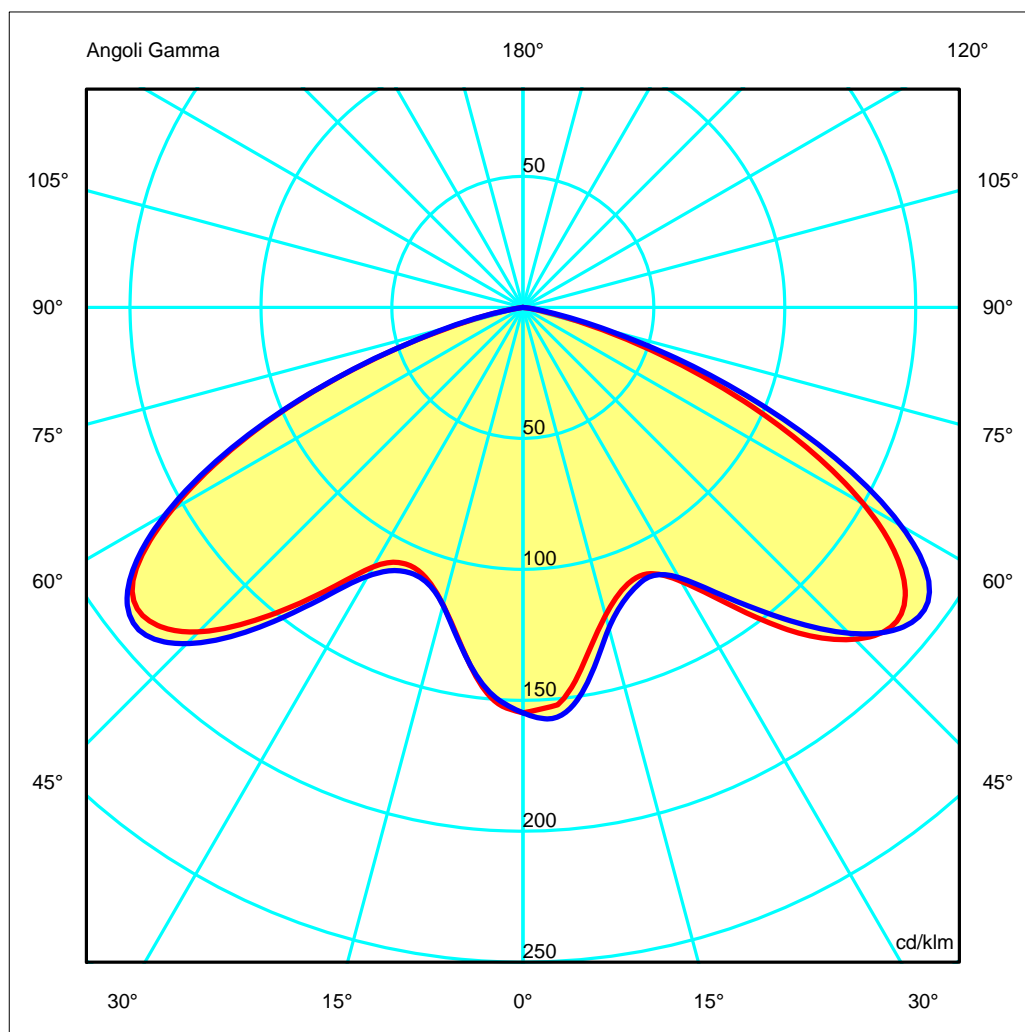
Code CL2303/09-53I-BF
Name EASY C MH PH 400W E40

Luminaire Flux	21796.61 lm	Luminaire Power	420.00 W	Efficacy	51.90 lm/W	Efficiency	64.11%
Lamps Flux	34000.00 lm	Maximum value	191.66 cd/klm	Position	C=285.00 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		05-10-2009		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		32500.00 lm	
Operator		ABDEL		Source Voltage [V]			
Temperature				Source current [A]			
Humidity				Photocell			
Notes		1 * HPI plus400W/743 = 32500.00 lm					

Line		Code		Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
OSRAM ILCOS MD,MT,ME,MC		HQIE400D		Name POWERSTAR HQI - E		34000.00	420.00	1
C.I.E.	32 75 98 100 64			D DIN 5040		A20		
F UTE	0.64 I			B NBN		BZ 6 / 1.25 / BZ 5		



ULOR 0.00 %
DLOR 64.11 %
RN 0.00 %



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Measurum.

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Luminaire Flux	21796.61 lm	Luminaire Power	420.00 W	Efficacy	51.90 lm/W	Efficiency	64.11%
Lamps Flux	34000.00 lm	Maximum value	191.66 cd/klm	Position	C=285.00 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	154.75	154.75	154.75	154.75	154.75	154.75	154.75	154.75	154.75	154.75	154.75	154.75
G 5.0	152.28	154.38	155.10	156.20	156.95	157.23	156.77	156.04	155.57	154.88	153.55	151.52
G 10.0	136.65	140.21	142.06	144.29	145.83	146.06	144.46	143.19	142.40	140.06	137.29	135.65
G 15.0	121.70	123.80	125.45	127.92	128.29	127.56	126.69	125.79	124.05	121.97	120.30	119.33
G 20.0	113.63	115.29	116.53	118.35	118.74	118.23	117.19	116.25	114.63	112.57	111.11	110.29
G 25.0	112.26	112.68	113.06	113.60	114.02	114.30	113.61	112.39	110.92	109.71	108.43	107.06
G 30.0	120.65	119.47	119.07	119.28	119.21	119.50	119.08	117.99	116.58	115.49	114.03	112.37
G 35.0	139.04	136.55	135.45	135.46	135.19	134.93	134.76	135.02	133.93	131.81	130.75	129.85
G 40.0	161.78	158.45	155.86	156.21	156.90	156.00	155.16	155.99	155.20	152.98	151.87	150.75
G 45.0	179.11	177.65	176.22	176.56	177.07	176.45	175.85	176.84	176.32	174.11	172.78	171.69
G 50.0	186.35	188.01	188.72	188.96	189.77	189.79	189.68	190.74	190.07	187.72	185.77	184.28
G 55.0	176.85	182.45	184.99	186.37	188.25	189.24	189.50	190.42	190.27	188.02	184.61	182.40
G 60.0	150.30	158.60	162.37	164.64	167.85	168.17	166.99	169.74	171.12	168.56	164.88	160.24
G 65.0	109.62	115.52	120.51	125.53	126.63	124.78	125.18	128.90	129.23	125.41	123.14	121.72
G 70.0	65.06	69.12	74.69	81.67	81.29	77.38	77.10	79.61	79.52	75.55	73.76	72.83
G 75.0	27.12	29.90	31.94	34.47	35.76	34.29	33.83	35.29	34.84	32.15	31.46	31.66
G 80.0	5.98	7.55	8.57	9.14	8.98	9.01	9.30	9.26	8.53	8.14	7.61	7.08
G 85.0	0.57	0.87	1.16	1.20	1.10	1.11	1.21	1.24	1.08	1.00	0.92	0.83
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	154.75	154.75	154.75	154.75	154.75	154.75	154.75	154.75	154.75	154.75	154.75	154.75
G 5.0	148.74	148.43	148.15	147.16	146.98	146.94	147.29	148.14	148.53	149.13	150.04	150.49
G 10.0	132.25	132.46	133.66	132.32	132.50	132.20	132.72	133.88	134.07	133.85	134.94	134.77
G 15.0	117.73	117.95	118.59	117.15	116.59	117.30	117.81	118.15	118.78	118.69	118.98	119.45
G 20.0	109.33	110.28	111.12	110.55	110.22	110.64	110.74	110.86	111.28	111.47	111.53	111.67
G 25.0	107.83	109.06	109.27	109.84	110.44	110.86	110.97	110.81	110.32	110.28	110.17	110.78
G 30.0	114.34	115.21	115.35	117.56	118.03	118.10	118.35	119.09	118.79	117.92	117.35	118.92
G 35.0	132.50	132.92	132.27	135.79	136.15	135.53	136.49	137.71	137.49	136.35	134.66	136.84
G 40.0	154.67	156.84	155.77	158.24	159.92	161.13	160.61	160.38	160.78	160.05	156.79	158.46
G 45.0	175.11	177.52	176.77	178.97	180.84	181.86	181.50	181.21	181.16	180.05	176.73	176.70
G 50.0	186.19	188.54	188.33	189.35	190.59	191.23	191.48	191.66	191.40	189.95	186.77	184.71
G 55.0	181.77	183.36	184.04	183.19	183.56	183.21	183.64	185.25	184.90	182.60	179.66	175.78
G 60.0	155.00	157.39	159.71	158.31	159.01	156.98	157.34	160.32	160.36	156.71	154.03	149.32
G 65.0	115.20	117.12	121.25	119.33	119.13	116.29	116.64	119.61	120.09	116.87	115.04	110.84
G 70.0	68.54	70.19	74.73	71.25	68.90	69.00	69.14	69.65	72.45	71.24	70.80	67.11
G 75.0	27.83	28.86	32.03	29.38	28.12	28.86	29.12	29.12	31.06	30.29	30.38	28.54
G 80.0	6.17	7.05	7.69	6.23	6.48	7.30	7.37	6.83	6.77	7.42	7.36	5.86
G 85.0	0.70	0.83	0.93	0.74	0.77	0.88	0.90	0.80	0.79	0.89	0.88	0.60
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