

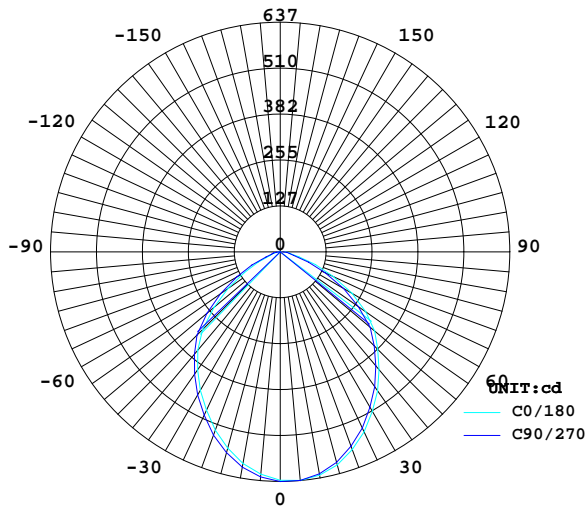
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

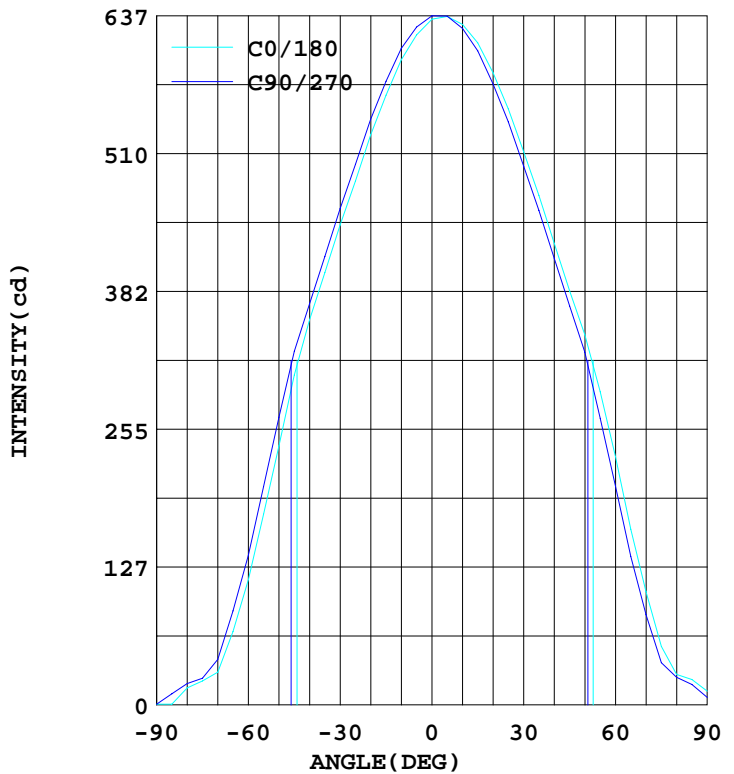
MANUFACTURER: Buddy Lighting	Address:	
NAME: down light	TYPE:	WEIGHT:
DIMENSION: 90	SPECIFICATION: Frosted	SERIAL No.:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	sharp-13w-300lm	lm (cd)	638.4	S/MH(C0/180)	1.06
NOMINAL POWER(W)	15	EFFICIENCY(%)	132.7	S/MH(C90/270)	1.09
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1326.5	η UP(C0-180)	
NOMINAL FLUX(lm)	1000.0	CIE CLASS	DIRECT	η DN(C0-180)	
LAMPS INSIDE	1	η up(%)	0.0	η UP(C180-360)	
TEST VOLTAGE(V)	0.0	η down(%)	132.7	η DN(C180-360)	

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test:U:218.8V I:0.071A P:14.00W PF:0.904

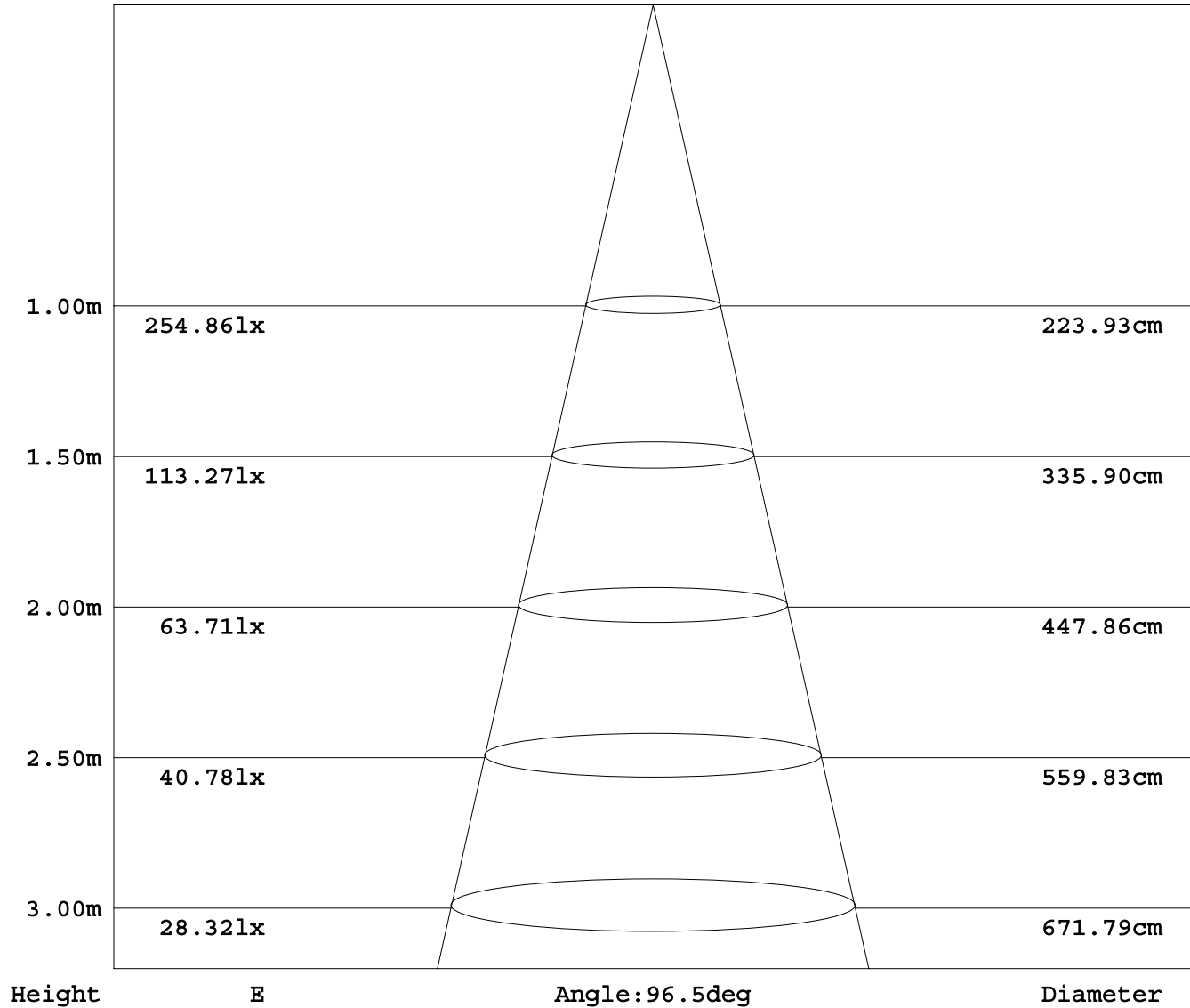
Test System:HONGPU HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2012年11月30日

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:3.000 m
 Remarks:

AVERAGE E Figure

Report number:

MANUFACTURER: Buddy Lighting	Address:	
NAME: down light	TYPE:	WEIGHT:
DIMENSION: 90	SPECIFICATION:Frosted c	SERIAL No.:



Test System:HONGPU HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2012年11月30日

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:3.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: Buddy Lighting	Address:	
NAME: down light	TYPE:	WEIGHT:
DIMENSION: 90	SPECIFICATION:Frosted c	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total
10.0	596.2	603.4	606.5	612.8	628.8	627.1	625.1	622.0	0- 10	60	60
20.0	526.7	536.0	541.2	550.6	583.9	577.7	573.6	566.3	10- 20	167	227
30.0	443.4	453.1	458.5	469.8	511.0	503.0	497.8	485.5	20- 30	240	468
40.0	355.8	367.3	370.5	384.3	426.5	418.7	412.5	400.0	30- 40	274	741
50.0	239.3	254.6	265.8	289.7	341.9	331.8	325.9	304.7	40- 50	269	1010
60.0	115.7	128.6	138.4	164.0	229.6	213.2	202.4	175.0	50- 60	209	1219
70.0	30.27	35.89	42.10	57.82	104.6	92.99	83.43	64.34	60- 70	112	1331
80.0	15.67	16.96	19.80	22.54	28.24	27.74	25.47	23.09	70- 80	35	1367
90.0	0.609	0.287	0.644	1.724	12.67	11.01	6.827	3.724	80- 90	15	1382
100.0									90-100		
110.0									100-110		
120.0									110-120		
130.0									120-130		
140.0									130-140		
150.0									140-150		
160.0									150-160		
170.0									160-170		
180.0									170-180		
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

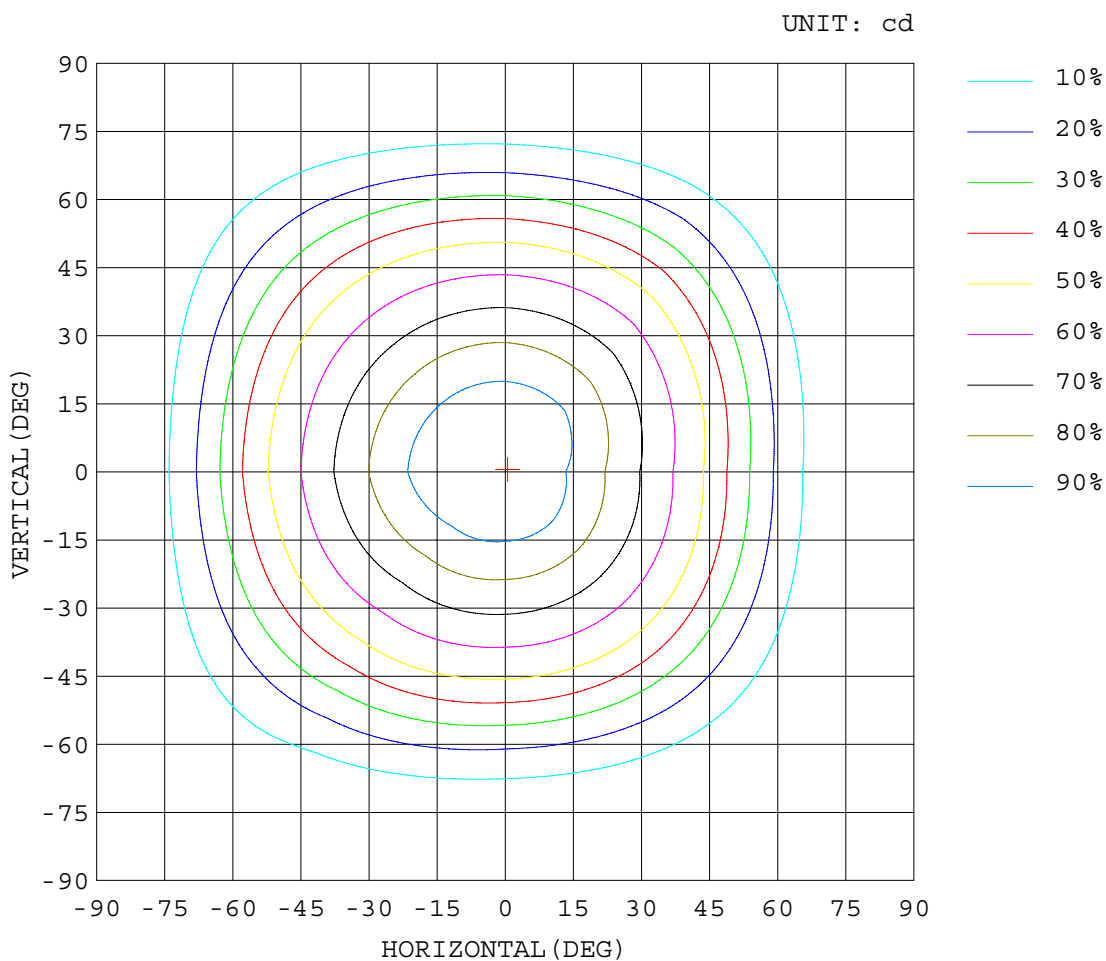
Test System:HONGPU HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2012年11月30日

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:3.000 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: Buddy Lighting	Address:	
NAME: down light	TYPE:	WEIGHT:
DIMENSION: 90	SPECIFICATION: Frosted c	SERIAL No.:



Test System: HONGPU HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2012年11月30日

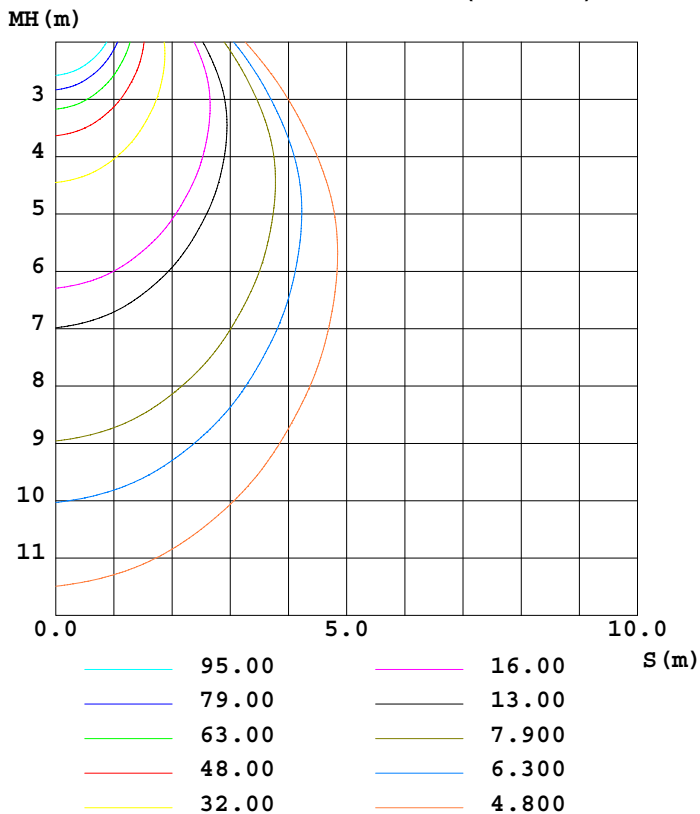
Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 3.000 m
 Remarks:

ISOLUX DIAGRAM

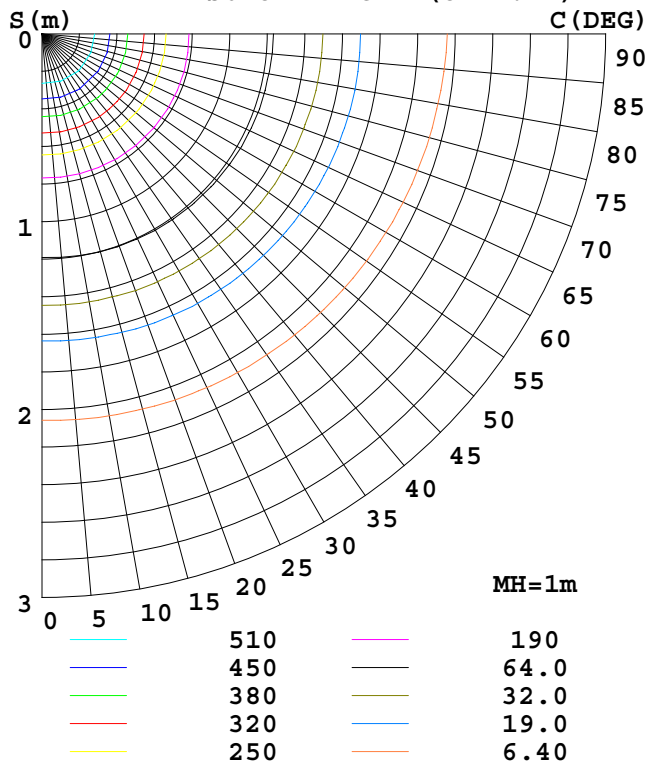
Report number:

MANUFACTURER: Buddy Lighting	Address:	
NAME: down light	TYPE:	WEIGHT:
DIMENSION: 90	SPECIFICATION: Frosted c	SERIAL No.:

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



PLANAR ISOLUX DIAGRAM (UNIT:lx)



Test System:HONGPU HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2012年11月30日

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:3.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: Buddy Lighting		Address:	
NAME: down light		TYPE:	WEIGHT:
DIMENSION: 90		SPECIFICATION:Frosted c	SERIAL No.:

UNIT: cd

C (DEG) \ γ (DEG)	0	45	90	135	180	225	270	315
0.0	634	636	637	638	634	636	637	638
5.0	619	626	626	631	636	637	637	635
10.0	596	603	607	613	629	627	625	622
15.0	563	574	576	586	612	606	604	597
20.0	527	536	541	551	584	578	574	566
25.0	484	497	500	513	551	541	539	528
30.0	443	453	459	470	511	503	498	486
35.0	400	409	415	428	471	460	457	444
40.0	356	367	371	384	427	419	413	400
45.0	305	316	327	343	383	375	369	359
50.0	239	255	266	290	342	332	326	305
55.0	176	187	202	226	289	279	265	243
60.0	116	129	138	164	230	213	202	175
65.0	67.7	75.0	86.8	105	162	151	137	117
70.0	30.2	35.8	42.1	57.8	105	92.9	83.4	64.3
75.0	22.1	21.9	24.5	26.9	54.0	47.6	38.9	29.5
80.0	15.6	16.9	19.8	22.5	28.2	27.7	25.4	23.0
85.0	0.66	6.81	10.2	13.7	23.4	22.2	18.8	15.2
90.0	0.61	0.29	0.64	1.72	12.6	11.0	6.82	3.72

Test System:HONGPU HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2012年11月30日

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:3.000 m
 Remarks: