

LUMINAIRE PHOTOMETRIC TEST REPORT

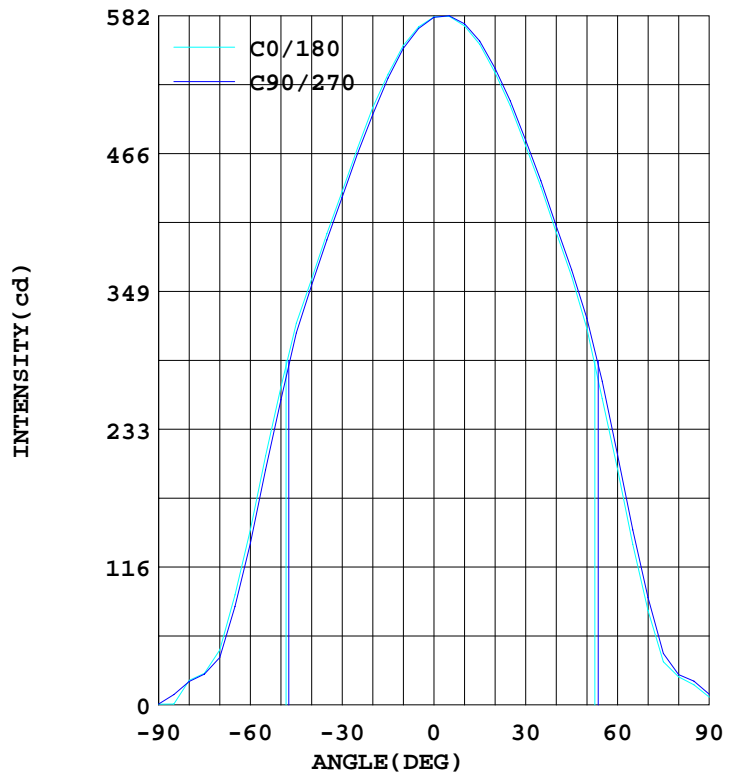
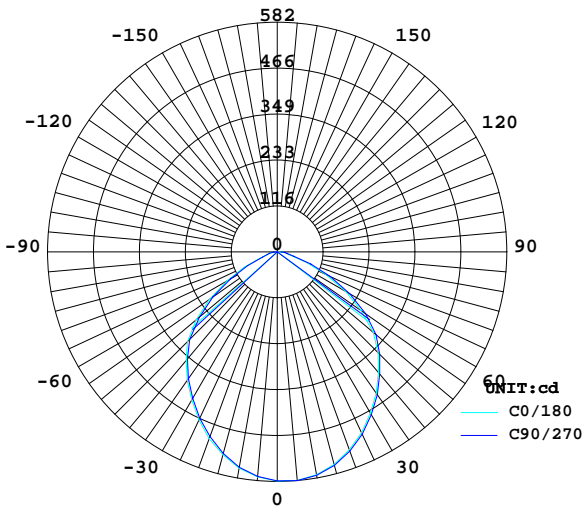
Report number:

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

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	sharp-13w-50lm	Initial (cd)	582.3	S/MH(C0/180)	1.13
NOMINAL POWER(W)	14	EFFICIENCY(%)	120.1	S/MH(C90/270)	1.11
RATED VOLTAGE(V)	218	TOTAL FLUX(lm)	1201.3	η UP(C0-180)	
NOMINAL FLUX(lm)	1000.3	CIE CLASS	DIRECT	η DN(C0-180)	
LAMPS INSIDE	1	η up(%)	0.0	η UP(C180-360)	
TEST VOLTAGE(V)	218.8	η down(%)	120.1	η DN(C180-360)	

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION



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

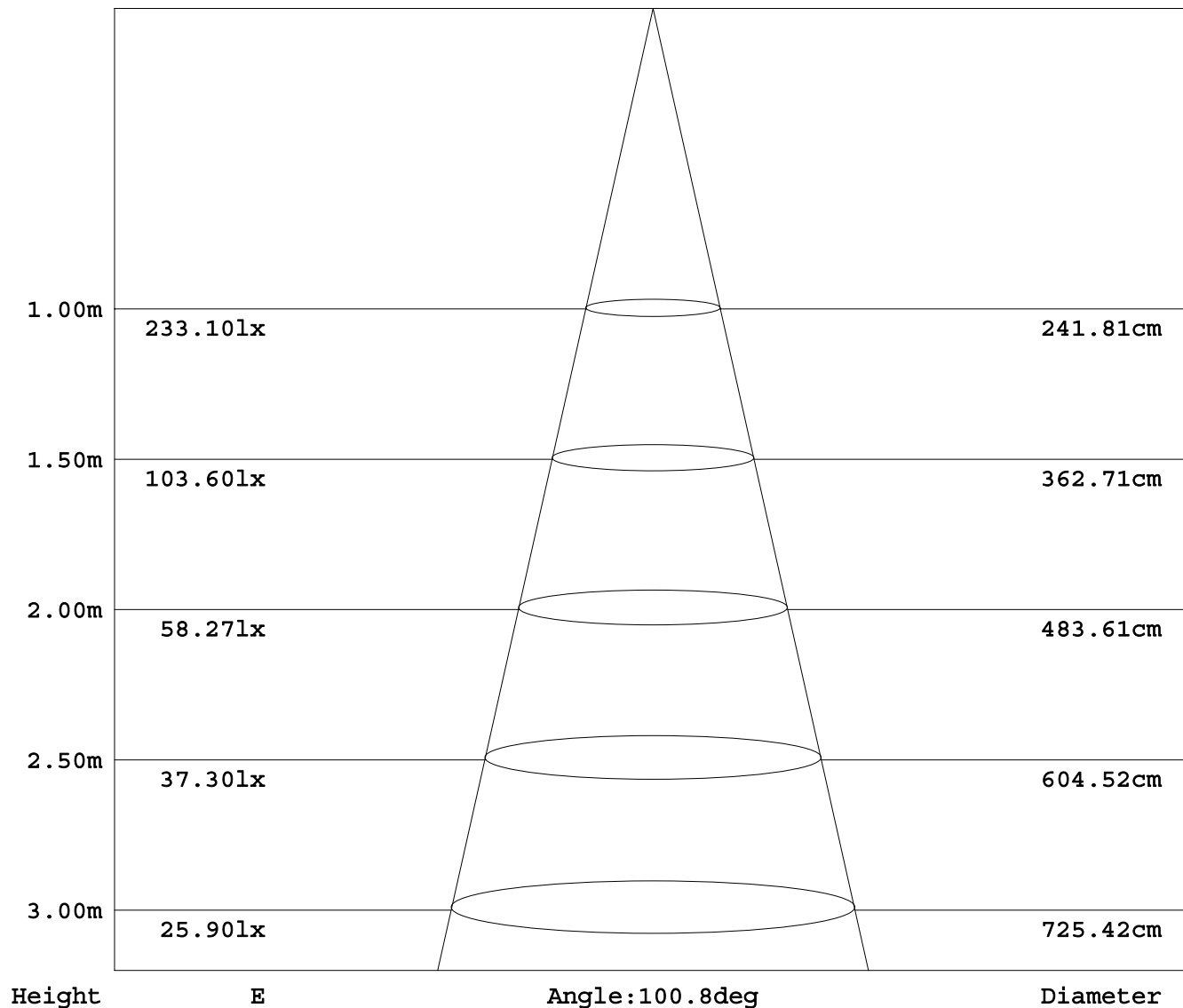
Test System: HONGPU HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2012年11月30日

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

AVERAGE E Figure

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HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

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

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total
10.0	556.9	557.4	554.5	555.0	573.5	573.4	575.3	575.7	0- 10	55	55
20.0	504.4	504.9	498.5	500.5	533.9	533.3	537.5	537.8	10- 20	155	210
30.0	433.4	436.5	428.6	431.0	472.1	471.3	476.9	475.0	20- 30	226	436
40.0	359.4	362.3	354.2	356.3	398.9	396.3	404.4	402.7	30- 40	263	698
50.0	268.6	270.1	257.7	257.5	317.9	315.1	326.7	325.1	40- 50	264	962
60.0	147.8	147.4	136.4	137.2	199.6	196.7	211.7	210.5	50- 60	211	1173
70.0	46.42	42.69	40.11	39.59	79.86	71.87	90.83	90.64	60- 70	113	1286
80.0	20.78	20.06	19.75	18.79	23.69	24.42	25.64	26.97	70- 80	35	1321
90.0	0.622	0.411	0.689	0.378	6.566	7.266	9.054	10.33	80- 90	14	1335
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	

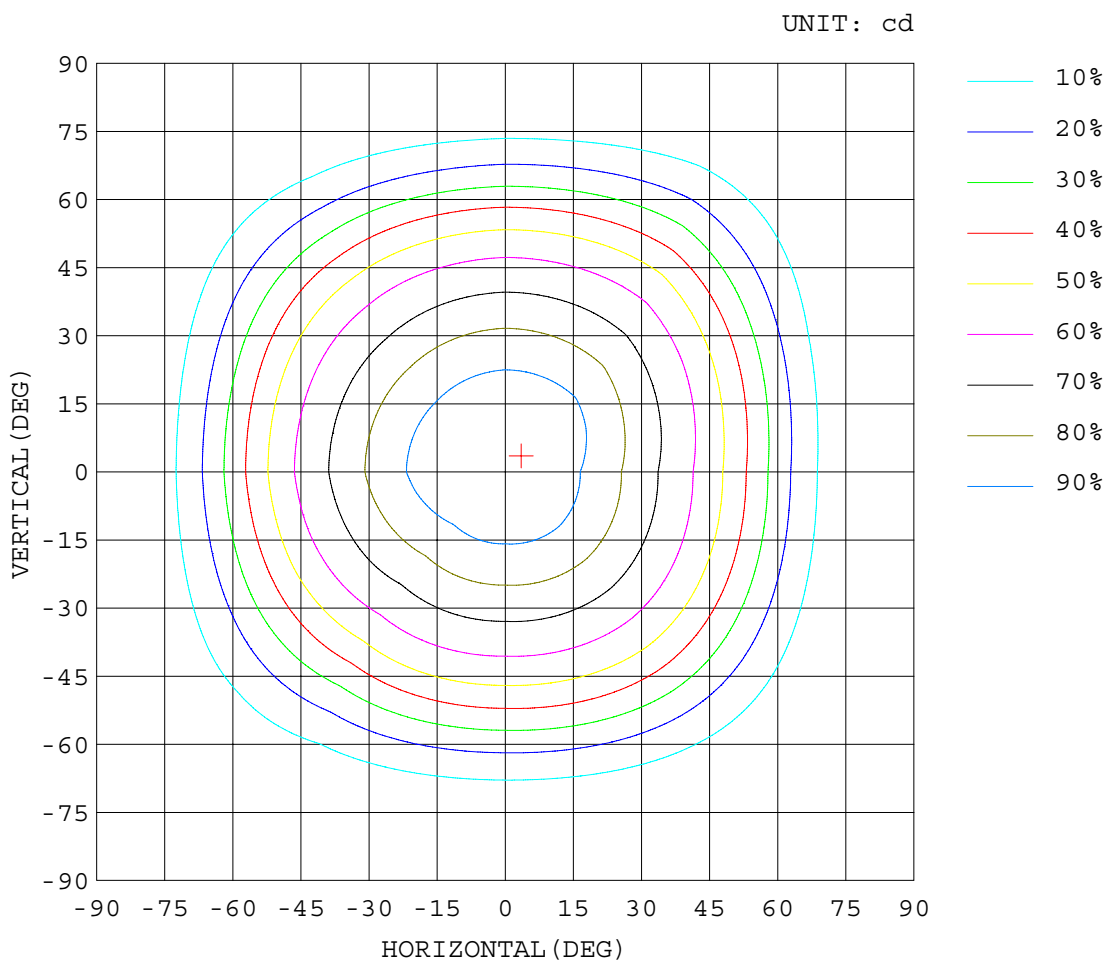
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ISOCANDELA DIAGRAM

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DIMENSION: 90	SPECIFICATION:	SERIAL No.:



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

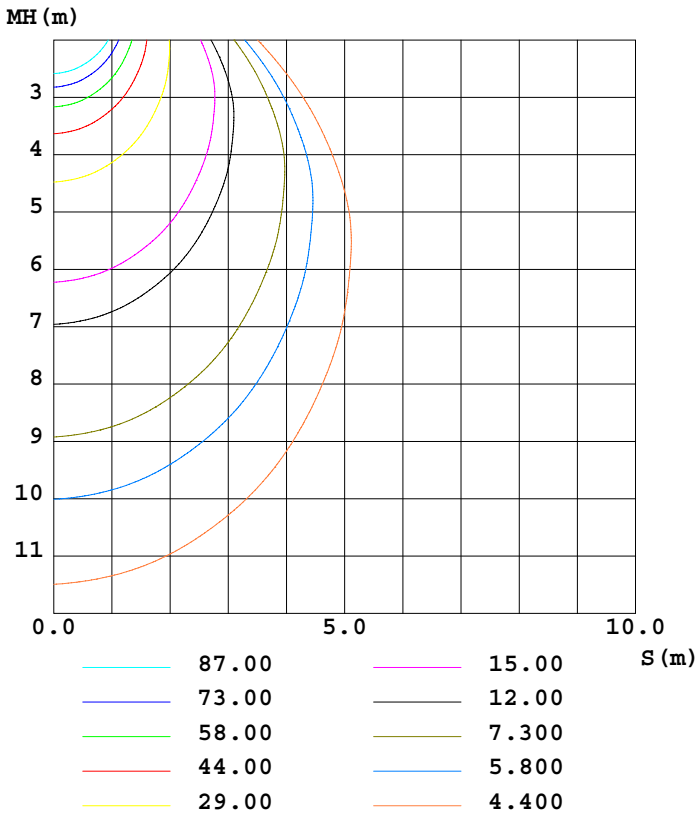
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 Remarks:

ISOLUX DIAGRAM

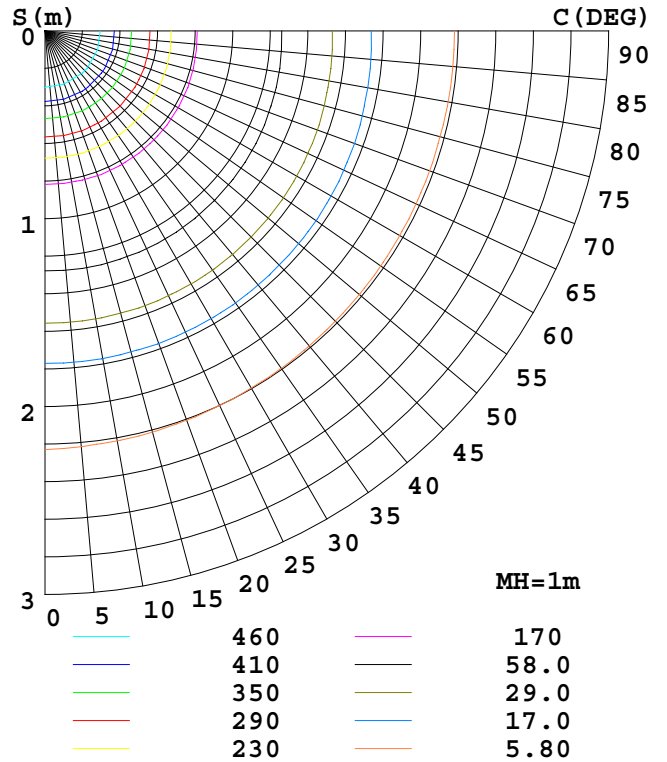
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DIMENSION: 90	SPECIFICATION:	SERIAL No.:

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



PLANAR ISOLUX DIAGRAM (UNIT:lx)



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HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

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

UNIT: cd

		C (DEG)							
γ (DEG)		0	45	90	135	180	225	270	315
0.0		581	581	581	581	581	581	581	581
5.0		573	574	571	573	582	581	582	582
10.0		557	557	555	555	574	573	575	576
15.0		533	535	529	531	558	556	561	560
20.0		504	505	499	501	534	533	538	538
25.0		470	473	466	468	506	503	510	509
30.0		433	437	429	431	472	471	477	475
35.0		398	401	393	395	438	435	443	441
40.0		359	362	354	356	399	396	404	403
45.0		322	323	314	316	362	359	367	366
50.0		269	270	258	258	318	315	327	325
55.0		210	209	199	196	259	260	273	273
60.0		148	147	136	137	200	197	212	211
65.0		92.9	84.8	83.2	80.2	136	133	148	151
70.0		46.4	42.6	40.1	39.5	79.8	71.8	90.8	90.6
75.0		26.7	26.1	25.9	24.3	36.3	35.5	43.3	45.6
80.0		20.7	20.0	19.7	18.7	23.6	24.4	25.6	26.9
85.0		0.78	9.15	8.77	7.78	16.9	17.4	20.0	21.4
90.0		0.62	0.41	0.69	0.38	6.56	7.26	9.05	10.3

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