

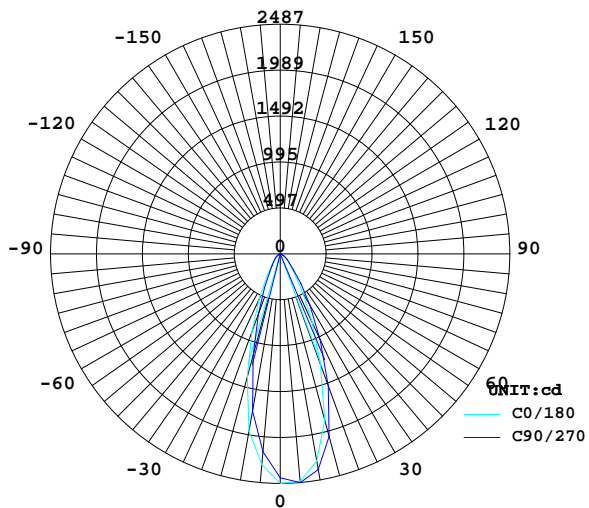
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

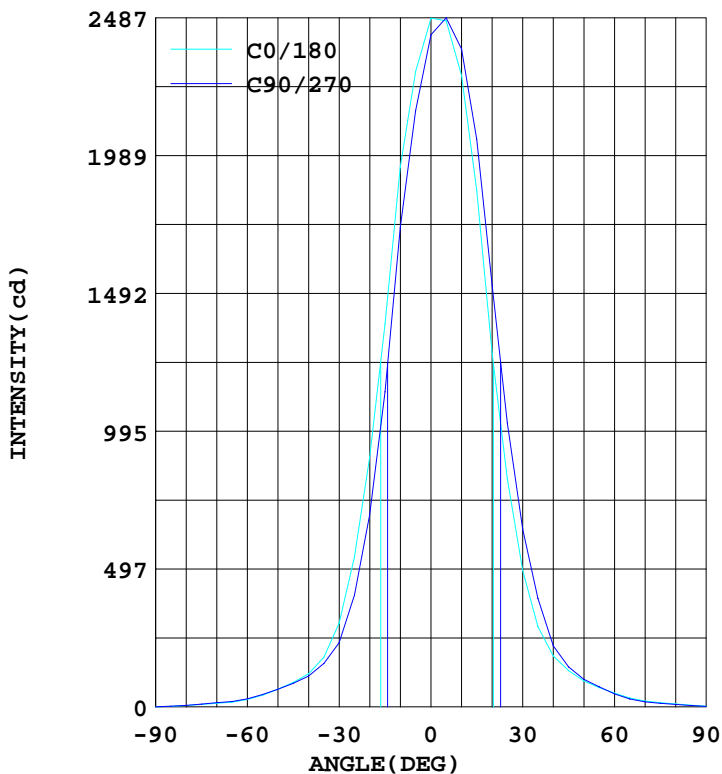
MANUFACTURER: Buddy Lighting	Address:	
NAME: down light	TYPE:	WEIGHT:
DIMENSION: 75	SPECIFICATION:	SERIAL No.:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	13w-3000k	I _{max} (cd)	2487	S/MH(C0/180)	0.54
NOMINAL POWER(W)	14	EFFICIENCY(%)	121.4	S/MH(C90/270)	0.48
RATED VOLTAGE(V)	218	TOTAL FLUX(lm)	1335.6	η UP(C0-180)	
NOMINAL FLUX(lm)	1100.5	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(%)	121.4	η DN(C180-360)	

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test:U:218.8V I:0.074A P:14.60W PF:0.904

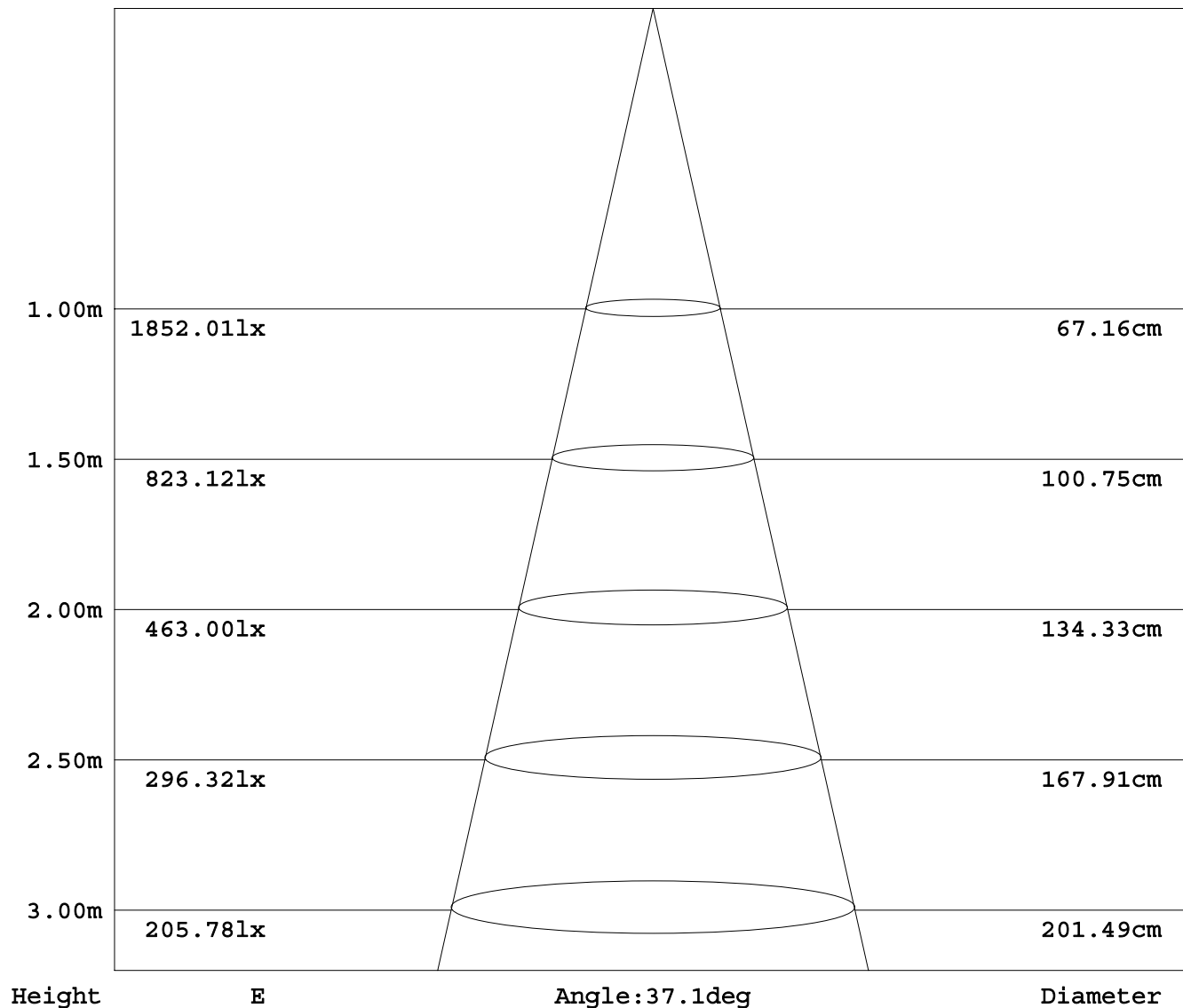
Test System:HONGPU HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2012年11月30日

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

AVERAGE E Figure

Report number:

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HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: Buddy Lighting	Address:	
NAME: down light	TYPE:	WEIGHT:
DIMENSION: 75	SPECIFICATION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total
10.0	1948	1845	1729	1795	2279	2306	2374	2284	0- 10	225	225
20.0	901.0	791.8	693.3	766.2	1275	1407	1522	1414	10- 20	454	679
30.0	301.6	264.9	231.0	266.1	492.5	554.4	641.4	575.6	20- 30	320	1000
40.0	119.4	114.9	111.2	121.7	183.7	189.6	220.0	185.1	30- 40	158	1158
50.0	63.72	64.09	64.05	68.66	93.81	96.07	99.66	88.63	40- 50	86	1244
60.0	26.58	27.95	29.24	32.66	50.15	48.53	47.10	39.77	50- 60	51	1295
70.0	13.23	13.82	15.21	16.15	21.02	18.27	18.02	15.74	60- 70	24	1319
80.0	4.851	4.941	5.742	6.723	10.56	10.07	9.108	7.947	70- 80	12	1331
90.0	0.369	0.180	0.378	0.207	2.817	2.745	1.935	1.395	80- 90	4	1336
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	

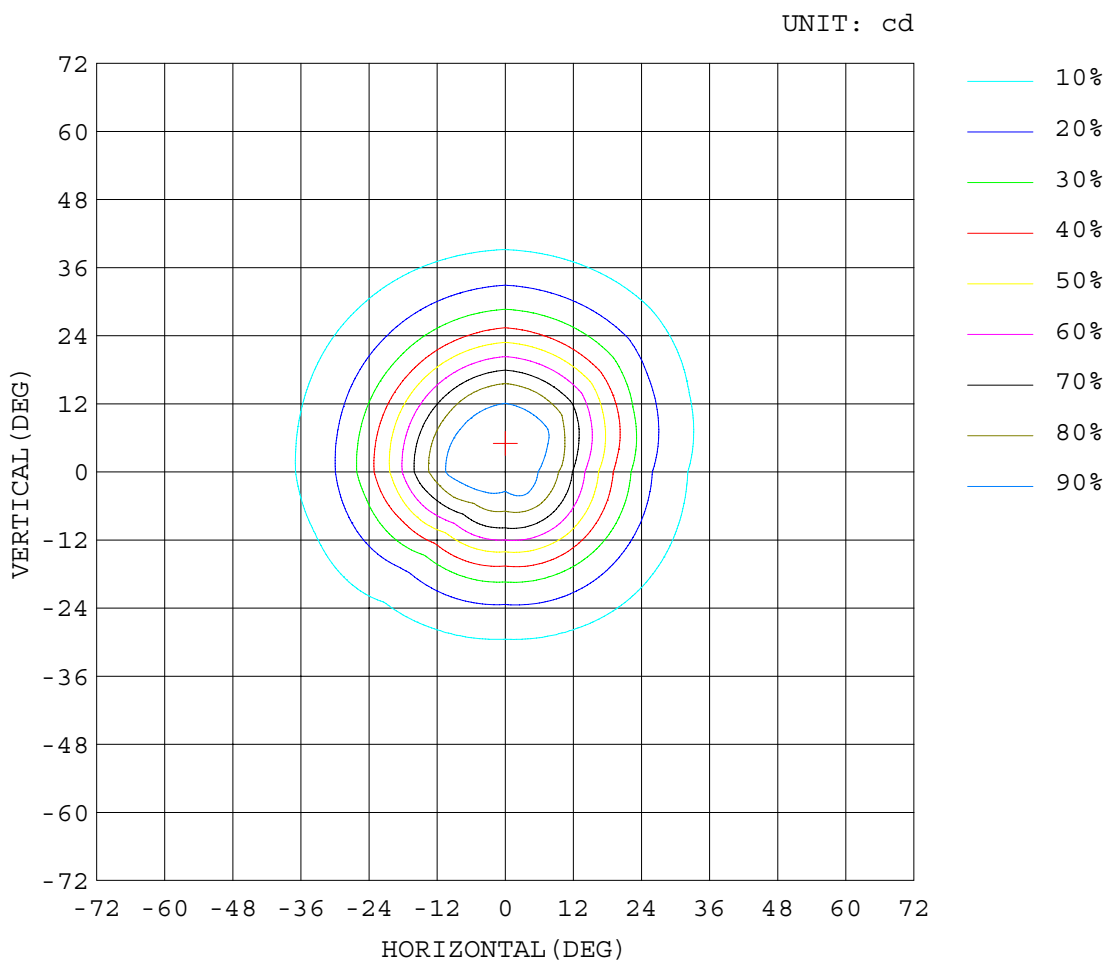
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 Temperature:25.3DEG
 Operators:
 Test Date:2012年11月30日

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: 75	SPECIFICATION:	SERIAL No.:



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

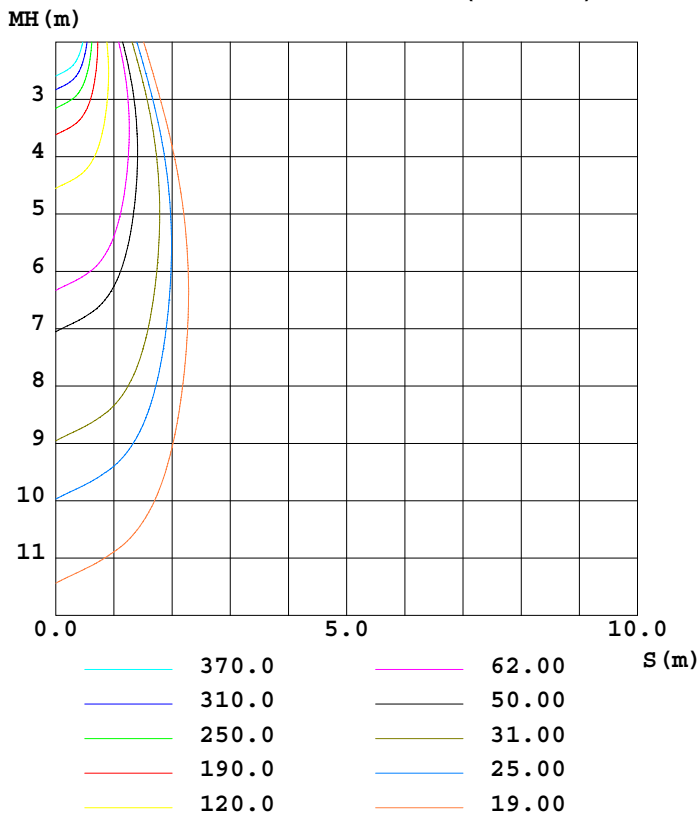
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:3.000 m
 Remarks:

ISOLUX DIAGRAM

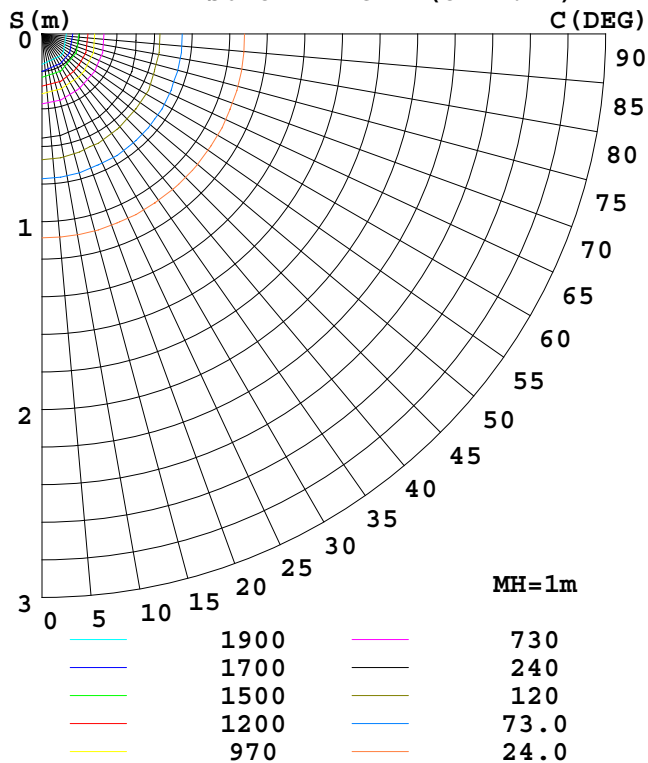
Report number:

MANUFACTURER: Buddy Lighting	Address:	
NAME: down light	TYPE:	WEIGHT:
DIMENSION: 75	SPECIFICATION:	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: 75		SPECIFICATION:	SERIAL No.:

UNIT: cd

C (DEG) \ γ (DEG)	0	45	90	135	180	225	270	315
0.0	2485	2464	2425	2430	2485	2464	2425	2430
5.0	2292	2277	2152	2241	2475	2482	2487	2454
10.0	1948	1845	1729	1795	2279	2306	2374	2284
15.0	1382	1287	1137	1238	1863	1939	2047	1929
20.0	901	792	693	766	1275	1407	1522	1414
25.0	542	477	403	456	823	898	1024	911
30.0	302	265	231	266	493	554	641	576
35.0	179	168	157	173	290	335	392	326
40.0	119	115	111	122	184	190	220	185
45.0	88.6	86.7	84.9	89.7	131	137	144	124
50.0	63.7	64.0	64.0	68.6	93.8	96.0	99.6	88.6
55.0	42.1	42.8	44.9	49.0	69.8	71.7	72.6	63.4
60.0	26.5	27.9	29.2	32.6	50.1	48.5	47.1	39.7
65.0	16.8	17.5	19.2	21.5	31.8	31.1	28.7	25.6
70.0	13.2	13.8	15.2	16.1	21.0	18.2	18.0	15.7
75.0	8.73	8.70	9.97	10.8	15.4	14.7	13.1	12.5
80.0	4.85	4.94	5.74	6.72	10.5	10.0	9.10	7.94
85.0	1.76	1.70	2.43	3.09	6.32	6.14	5.17	4.41
90.0	0.37	0.18	0.38	0.21	2.81	2.74	1.93	1.39

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