

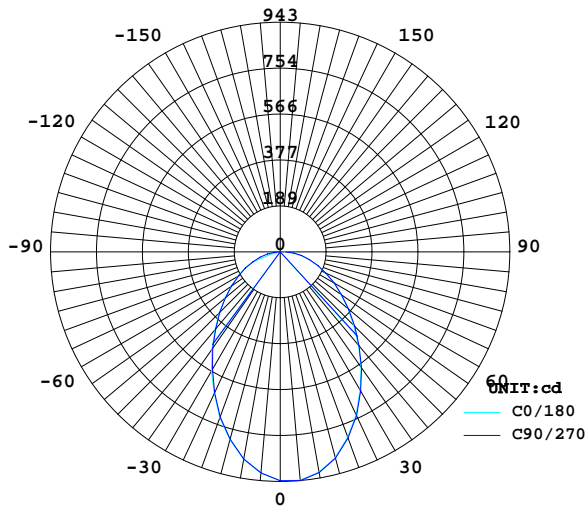
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

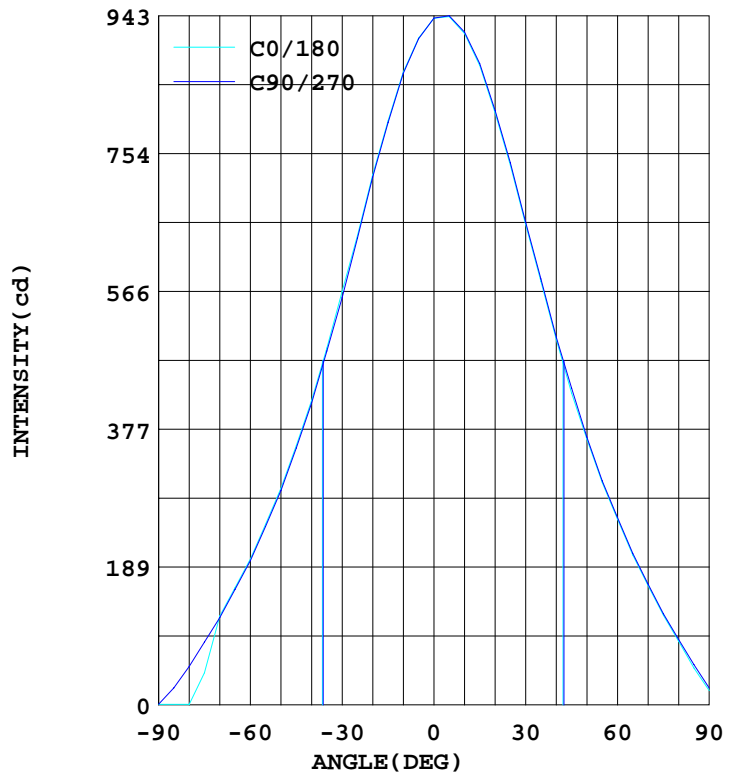
MANUFACTURER: buddylighting	Address:	
NAME: down light	TYPE:	WEIGHT:
DIMENSION: 140	SPECIFICATION:	SERIAL No.:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	sharp-23w-50lm	Initial (cd)	942.9	S/MH(C0/180)	0.95
NOMINAL POWER(W)	23	EFFICIENCY(%)	109.3	S/MH(C90/270)	0.95
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1854.7	η UP(C0-180)	
NOMINAL FLUX(lm)	1696.4	CIE CLASS	DIRECT	η DN(C0-180)	
LAMPS INSIDE	1	η up(%)	0.0	η UP(C180-360)	
TEST VOLTAGE(V)	219.0	η down(%)	109.3	η DN(C180-360)	

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test:U:230.0V I:0.112A P:22.00W PF:0.857

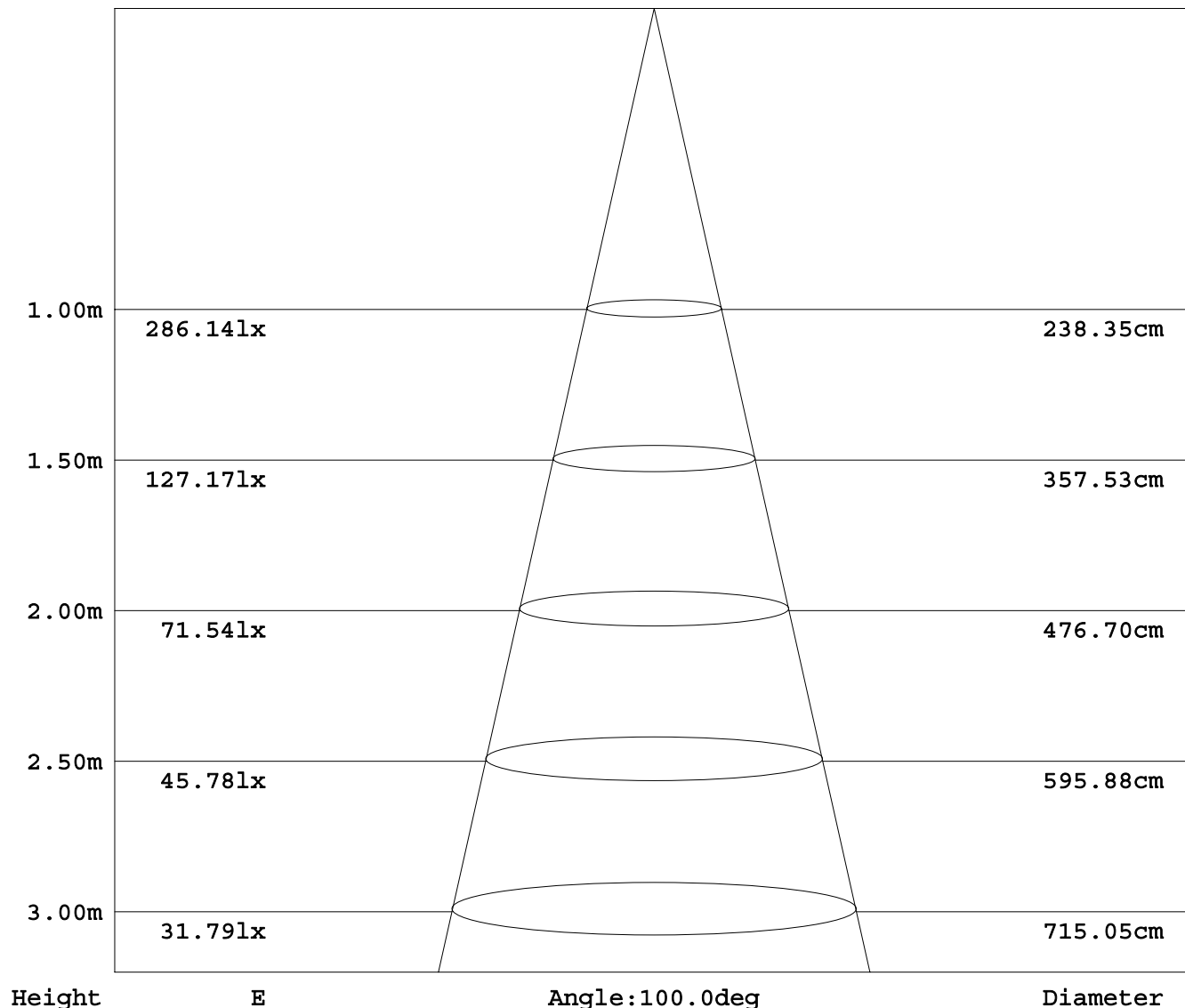
Test System:HONGPU HPG1800
 Temperature:25.3DEG
 Operators:cyking
 Test Date:2012年11月30日

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: buddylighting	Address:	
NAME: down light	TYPE:	WEIGHT:
DIMENSION: 140	SPECIFICATION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total
10.0	865.7	870.1	863.9	867.0	918.4	917.0	920.4	918.8	0- 10	89	89
20.0	725.2	730.3	722.0	726.1	810.0	806.1	813.2	809.6	10- 20	237	326
30.0	565.6	570.6	556.9	566.6	656.9	652.1	660.2	655.8	20- 30	320	646
40.0	416.1	423.8	412.5	420.3	499.9	496.3	503.0	499.4	30- 40	335	980
50.0	296.3	301.9	293.3	299.1	363.8	357.0	366.4	359.3	40- 50	303	1283
60.0	199.6	204.3	197.3	202.0	254.2	248.5	256.5	250.6	50- 60	247	1530
70.0	121.6	124.6	119.4	122.5	163.4	159.4	165.4	161.5	60- 70	180	1710
80.0	0.756	56.33	52.72	54.36	87.36	84.33	89.68	86.88	70- 80	105	1815
90.0	0.837	0.891	1.071	0.729	19.35	21.51	22.81	24.59	80- 90	39	1855
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	

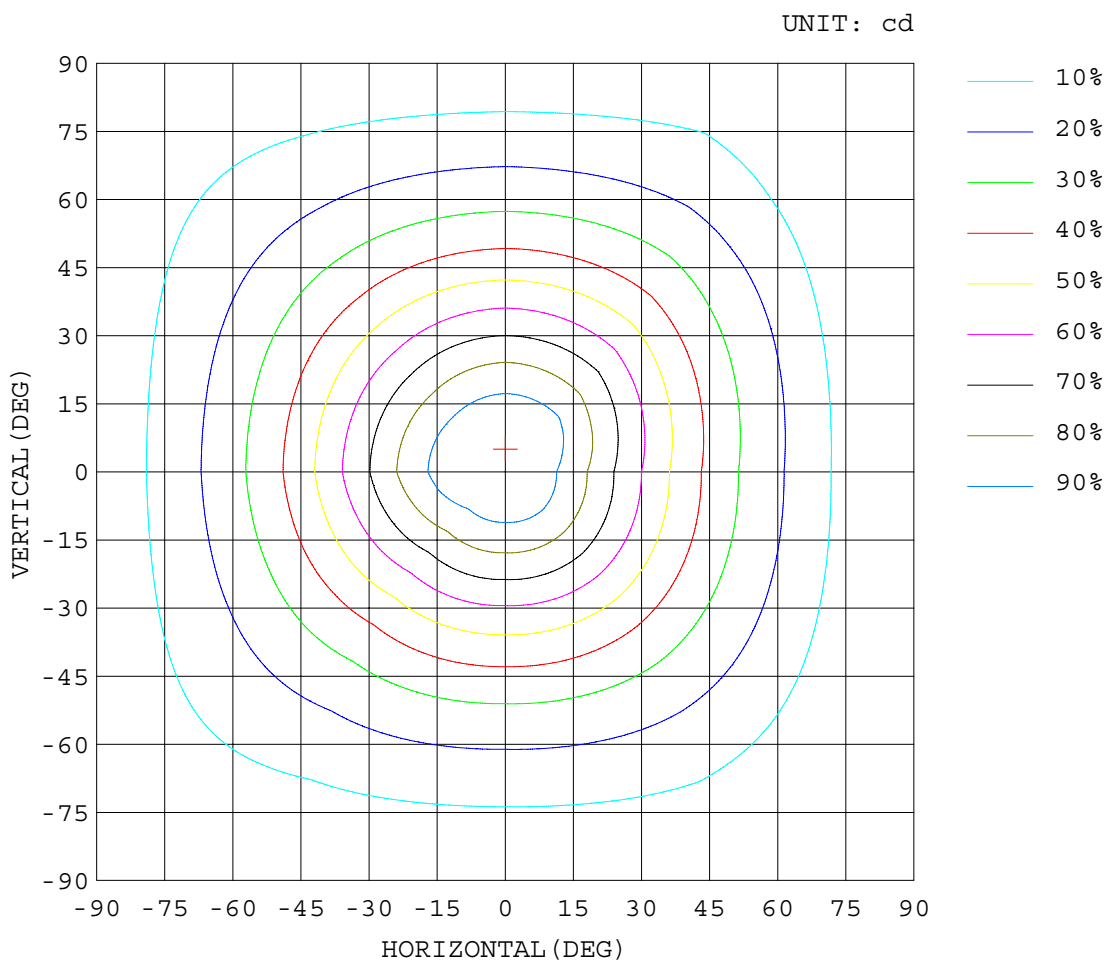
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 Remarks:

ISOCANDELA DIAGRAM

Report number:

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NAME: down light	TYPE:	WEIGHT:
DIMENSION: 140	SPECIFICATION:	SERIAL No.:



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

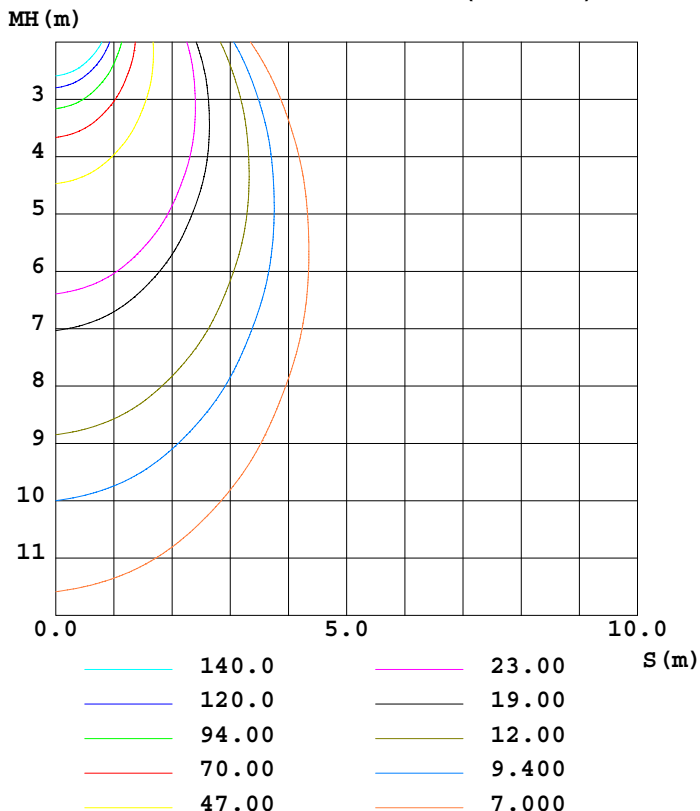
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:3.000 m
 Remarks:

ISOLUX DIAGRAM

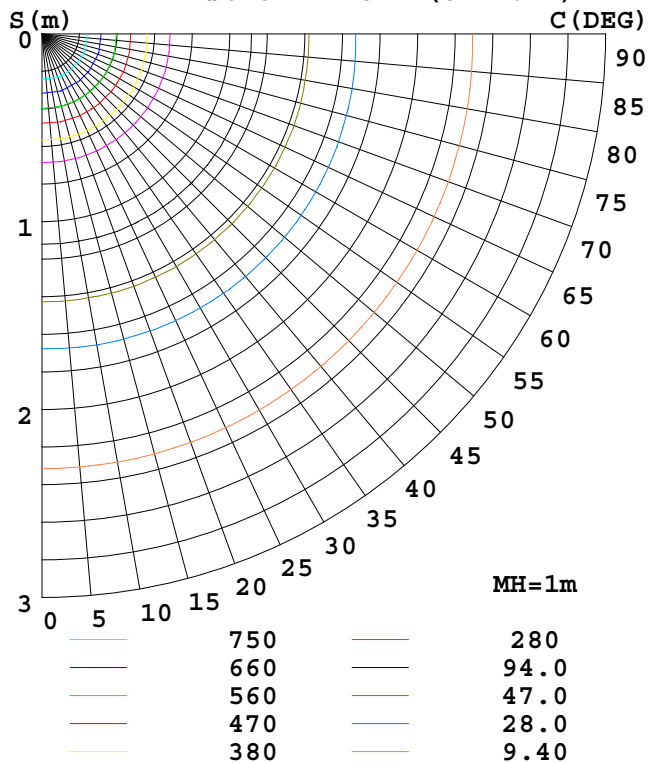
Report number:

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NAME: down light	TYPE:	WEIGHT:
DIMENSION: 140	SPECIFICATION:	SERIAL No.:

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



PLANAR ISOLUX DIAGRAM (UNIT:lx)



Test System:HONGPU HPG1800
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 Operators:cyking
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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: buddylighting	Address:	
NAME: down light	TYPE:	WEIGHT:
DIMENSION: 140	SPECIFICATION:	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)							
	0	45	90	135	180	225	270	315
0.0	940	941	940	940	940	941	940	940
5.0	912	918	911	916	942	941	943	942
10.0	866	870	864	867	918	917	920	919
15.0	799	808	796	804	875	868	877	871
20.0	725	730	722	726	810	806	813	810
25.0	642	653	639	649	738	729	742	733
30.0	566	571	557	567	657	652	660	656
35.0	488	492	484	488	580	570	583	574
40.0	416	424	413	420	500	496	503	499
45.0	355	358	352	355	426	423	433	426
50.0	296	302	293	299	364	357	366	359
55.0	247	249	244	247	304	301	307	304
60.0	200	204	197	202	254	249	257	251
65.0	160	162	158	159	205	200	207	200
70.0	122	125	119	123	163	159	165	162
75.0	43.8	88.3	85.9	86.2	123	121	125	124
80.0	0.76	56.3	52.7	54.3	87.3	84.3	89.6	86.8
85.0	0.72	28.9	23.4	23.2	50.5	51.4	55.1	54.6
90.0	0.84	0.89	1.07	0.73	19.3	21.5	22.8	24.5

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