

PHOTOMETRIC TEST REPORT

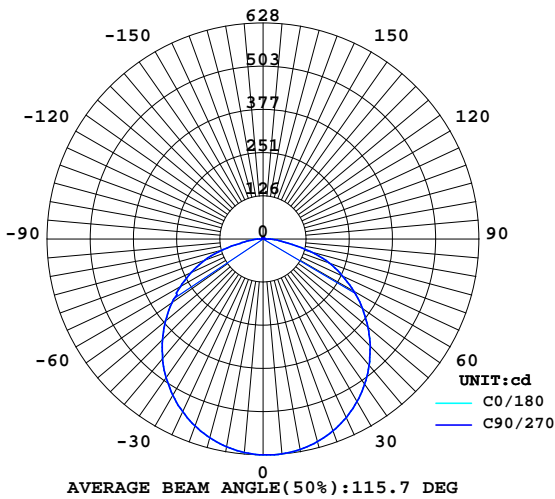
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

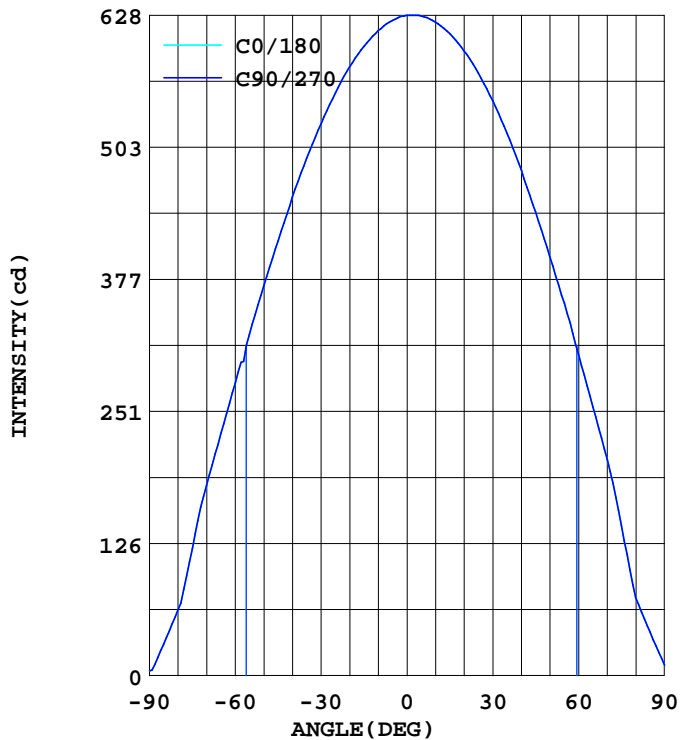
BRAND: BRAYTRON			
NAME: 24W SMD LED PANEL LIGHT	TYPE: SMD-UTF	WEIGHT:	
MODEL NO.: BP03-32410	DIMENSION:	SERIAL No.:	

DATA OF LAMP		Imax(cd)	628.3	S/MH(C0/180)	1.24
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.24
NOMINAL POWER(W)	24	TOTAL FLUX(lm)	1874.5	Voltage(V)	220.5
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	79.2	Current(A)	0.200
NOMINAL FLUX(lm)	1874.6	η up(%)	1.0	Power(W)	23.67
LAMPS QUANTITY	1	η down(%)	99.0	Power Factor(PF)	0.535
TEST VOLTAGE(V)	220.5	Effictive Flux(lm)	0.0	EEI	0.000

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1900
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2017.08.14

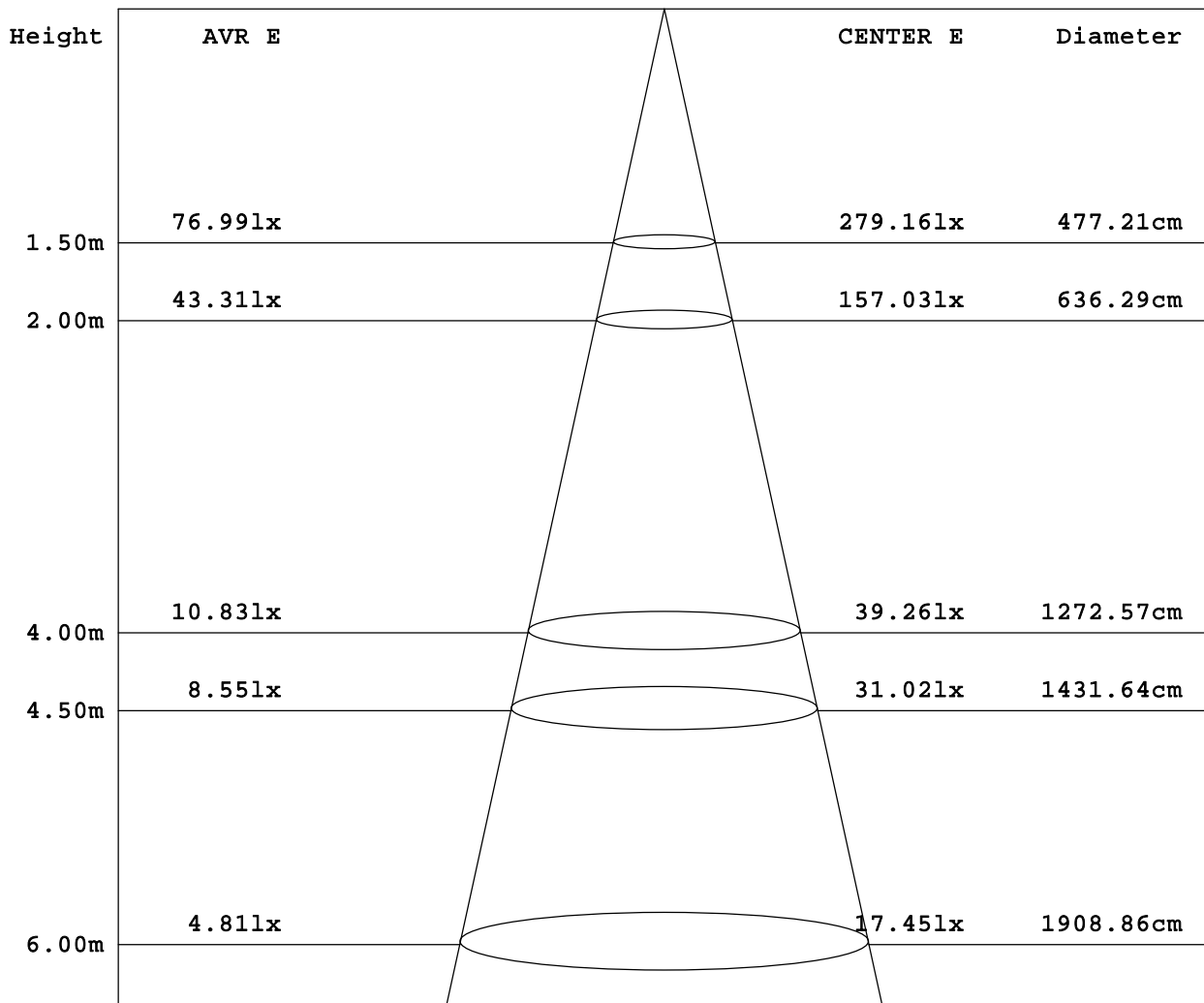
Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks:

PHOTOMETRIC TEST REPORT

AVERAGE AND CENTER E Figure

Report number:

BRAND: BRAYTRON		
NAME: 24W SMD LED PANEL LIGHT	TYPE: SMD-UTF	WEIGHT:
MODEL NO.: BP03-32410	DIMENSION:	SERIAL No.:



Angle: 115.7deg

Test System: HOPOO HPG1900
 Temperature: 25.3DEG
 Operators:
 Test Date: 2017.08.14

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks:

PHOTOMETRIC TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

BRAND: BRAYTRON			
NAME: 24W SMD LED PANEL LIGHT		TYPE:SMD-UTF	WEIGHT:
MODEL NO.:BP03-32410		DIMENSION:	SERIAL No.:

γ	C0	C180	γ	Φ zone	Φ total
5.0	623.4	627.5	0- 5	15	15
10.0	613.7	621.8	5- 10	44	59
15.0	598.7	610.7	10- 15	73	132
20.0	579.1	594.2	15- 20	98	230
25.0	554.5	573.4	20- 25	121	351
30.0	525.0	547.1	25- 30	139	490
35.0	492.5	515.7	30- 35	153	643
40.0	455.2	480.7	35- 40	162	805
45.0	413.7	441.0	40- 45	166	971
50.0	371.0	398.0	45- 50	164	1135
55.0	324.7	354.5	50- 55	157	1292
60.0	278.2	306.0	55- 60	146	1438
65.0	230.3	255.6	60- 65	130	1568
70.0	180.8	205.8	65- 70	110	1679
75.0	120.7	142.9	70- 75	86	1764
80.0	62.69	73.90	75- 80	53	1817
85.0	29.69	41.20	80- 85	28	1845
90.0	4.400	10.00	85- 90	11	1856
95.0	4.100	0	90- 95	2	1858
100.0	3.700	0.400	95-100	1	1859
105.0	3.600	0.700	100-105	1	1860
110.0	3.900	1.000	105-110	1	1861
115.0	4.000	1.300	110-115	1	1863
120.0	4.100	1.500	115-120	1	1864
125.0	4.200	1.800	120-125	1	1865
130.0	4.400	2.100	125-130	1	1867
135.0	3.900	2.400	130-135	1	1868
140.0	3.800	2.600	135-140	1	1869
145.0	3.900	2.700	140-145	1	1870
150.0	3.900	2.900	145-150	1	1871
155.0	4.300	3.200	150-155	1	1872
160.0	4.500	3.600	155-160	1	1873
165.0	4.900	4.000	160-165	1	1874
170.0	5.100	4.300	165-170	1	1874
175.0	5.000	4.700	170-175	0	1874
180.0	4.900	5.000	175-180	0	1875
DEG	LUMINOUS INTENSITY:cd			UNIT:lm	

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017.08.14

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 Test Distance:10.000 m
 Remarks:

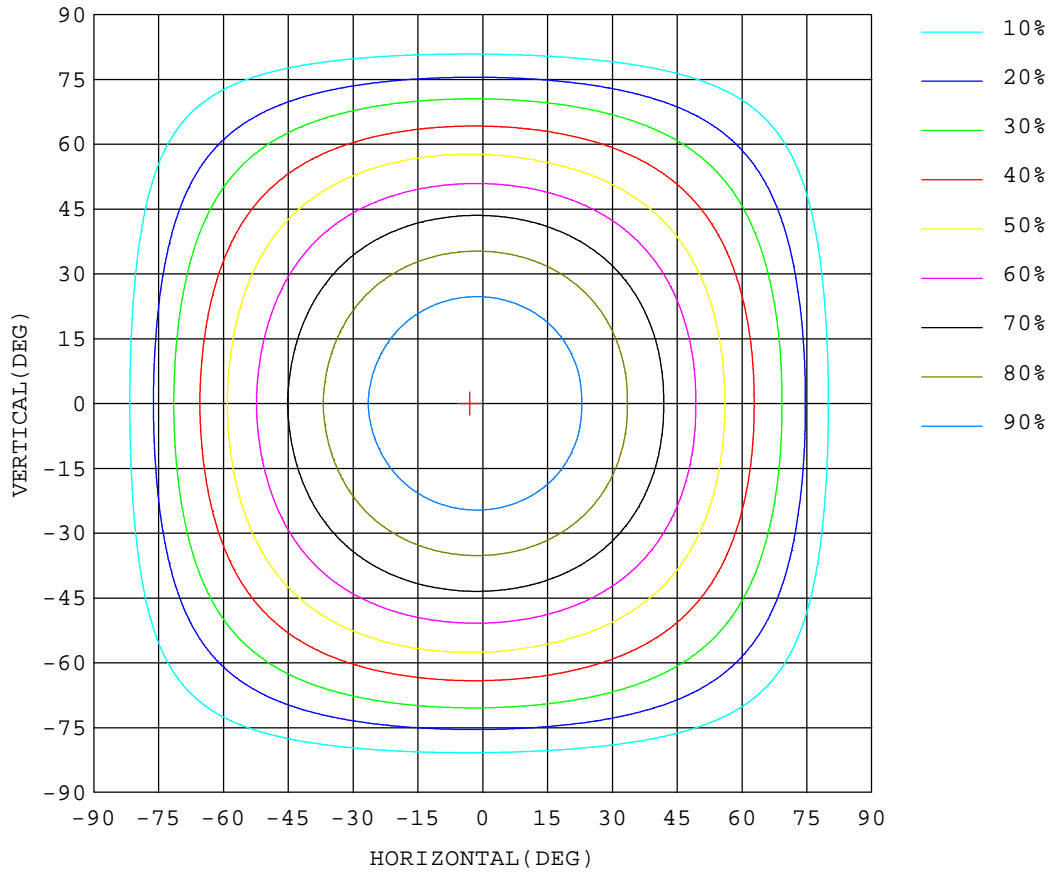
PHOTOMETRIC TEST REPORT

ISOCANDELA DIAGRAM

Report number:

BRAND: BRAYTRON			
NAME: 24W SMD LED PANEL LIGHT		TYPE: SMD-UTF	WEIGHT:
MODEL NO.: BP03-32410		DIMENSION:	SERIAL No.:

UNIT: cd



Test System: HOPOO HPG1900
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2017.08.14

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks:

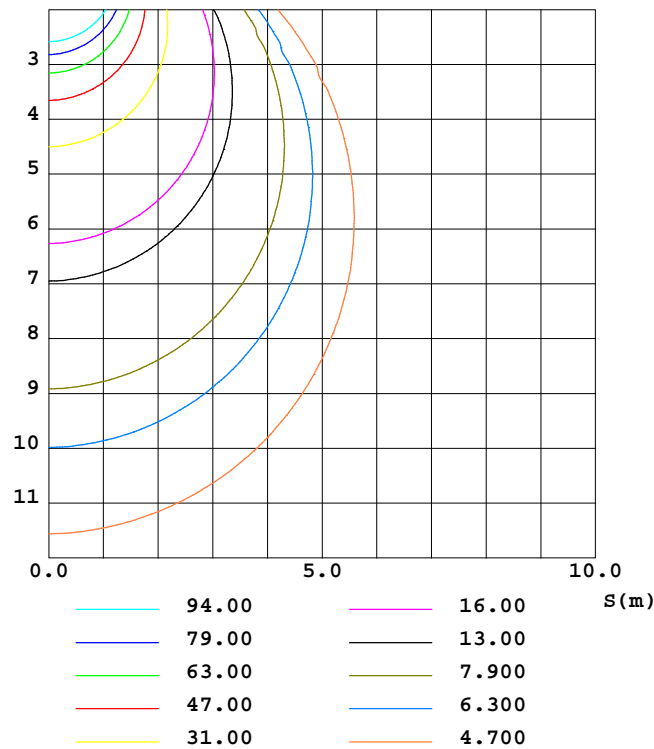
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ISOLUX DIAGRAM

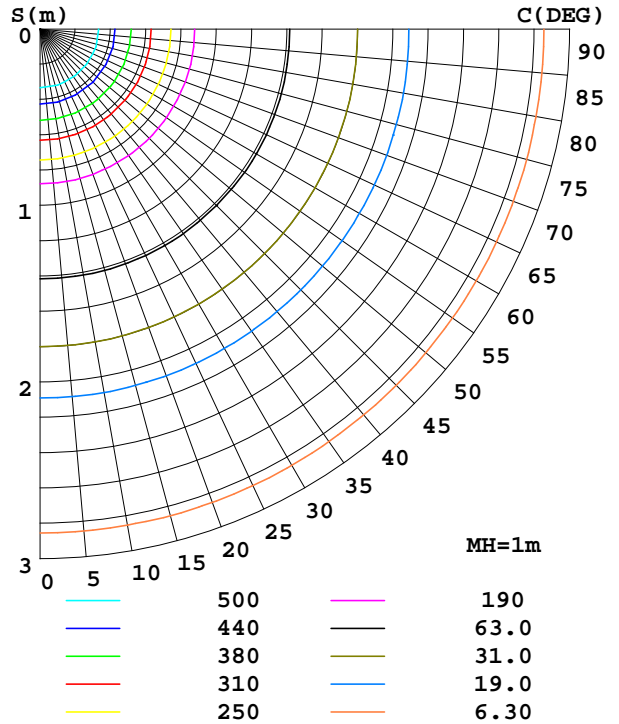
Report number:

BRAND: BRAYTRON		
NAME: 24W SMD LED PANEL LIGHT	TYPE: SMD-UTF	WEIGHT:
MODEL NO.: BP03-32410	DIMENSION:	SERIAL No.:

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



PLANAR ISOLUX DIAGRAM(UNIT:lx)



Test System: HOPOO HPG1900
 Temperature: 25.3DEG
 Operators:
 Test Date: 2017.08.14

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks:

PHOTOMETRIC TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

BRAND: BRAYTRON		
NAME: 24W SMD LED PANEL LIGHT	TYPE: SMD-UTF	WEIGHT:
MODEL NO.: BP03-32410	DIMENSION:	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)	
	0	180
0.0	628	628
5.0	623	628
10.0	614	622
15.0	599	611
20.0	579	594
25.0	555	573
30.0	525	547
35.0	493	516
40.0	455	481
45.0	414	441
50.0	371	398
55.0	325	355
60.0	278	306
65.0	230	256
70.0	181	206
75.0	121	143
80.0	62.6	73.9
85.0	29.6	41.2
90.0	4.40	10.0
95.0	4.10	0.00
100.0	3.70	0.40
105.0	3.60	0.70
110.0	3.90	1.00
115.0	4.00	1.30
120.0	4.10	1.50
125.0	4.20	1.80
130.0	4.40	2.10
135.0	3.90	2.40
140.0	3.80	2.60
145.0	3.90	2.70
150.0	3.90	2.90
155.0	4.30	3.20
160.0	4.50	3.60
165.0	4.90	4.00
170.0	5.10	4.30
175.0	5.00	4.70
180.0	4.90	5.00

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