

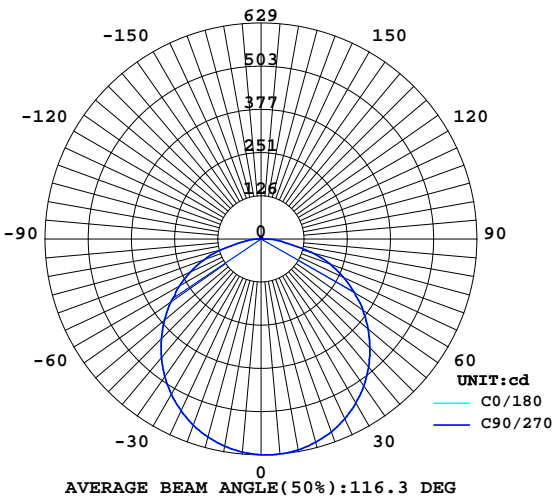
## PHOTOMETRIC TEST REPORT

Report number:

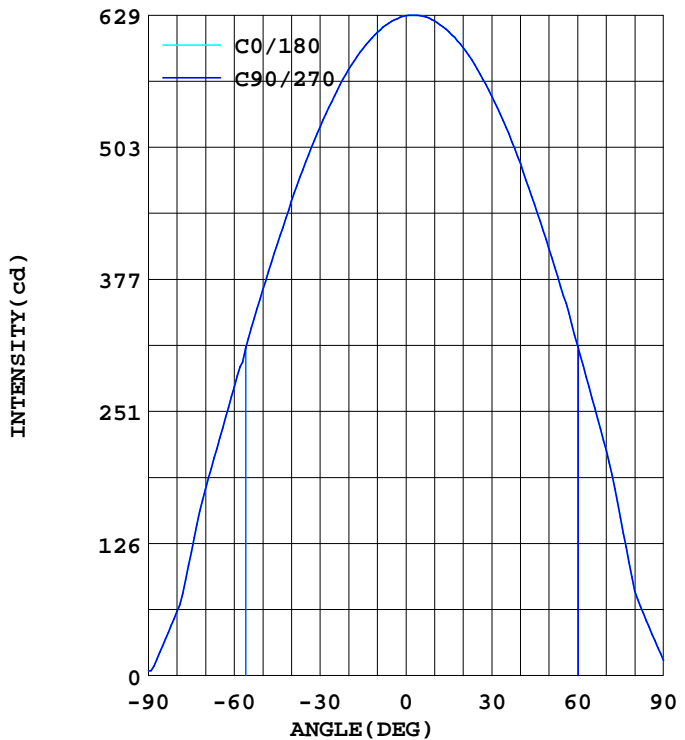
BRAND: BRAYTRON			
NAME: 24W SMD LED PANEL LIGHT		TYPE: SMD-UTF	WEIGHT:
MODEL NO.: BP04-32410		DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	628.7	S/MH(C0/180)	1.24
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.24
NOMINAL POWER(W)	24	TOTAL FLUX(lm)	1887.1	Voltage(V)	220.6
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	79.2	Current(A)	0.200
NOMINAL FLUX(lm)	1887.1	$\eta$ up(%)	1.0	Power(W)	23.82
LAMPS QUANTITY	1	$\eta$ down(%)	99.0	Power Factor(PF)	0.532
TEST VOLTAGE(V)	220.6	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

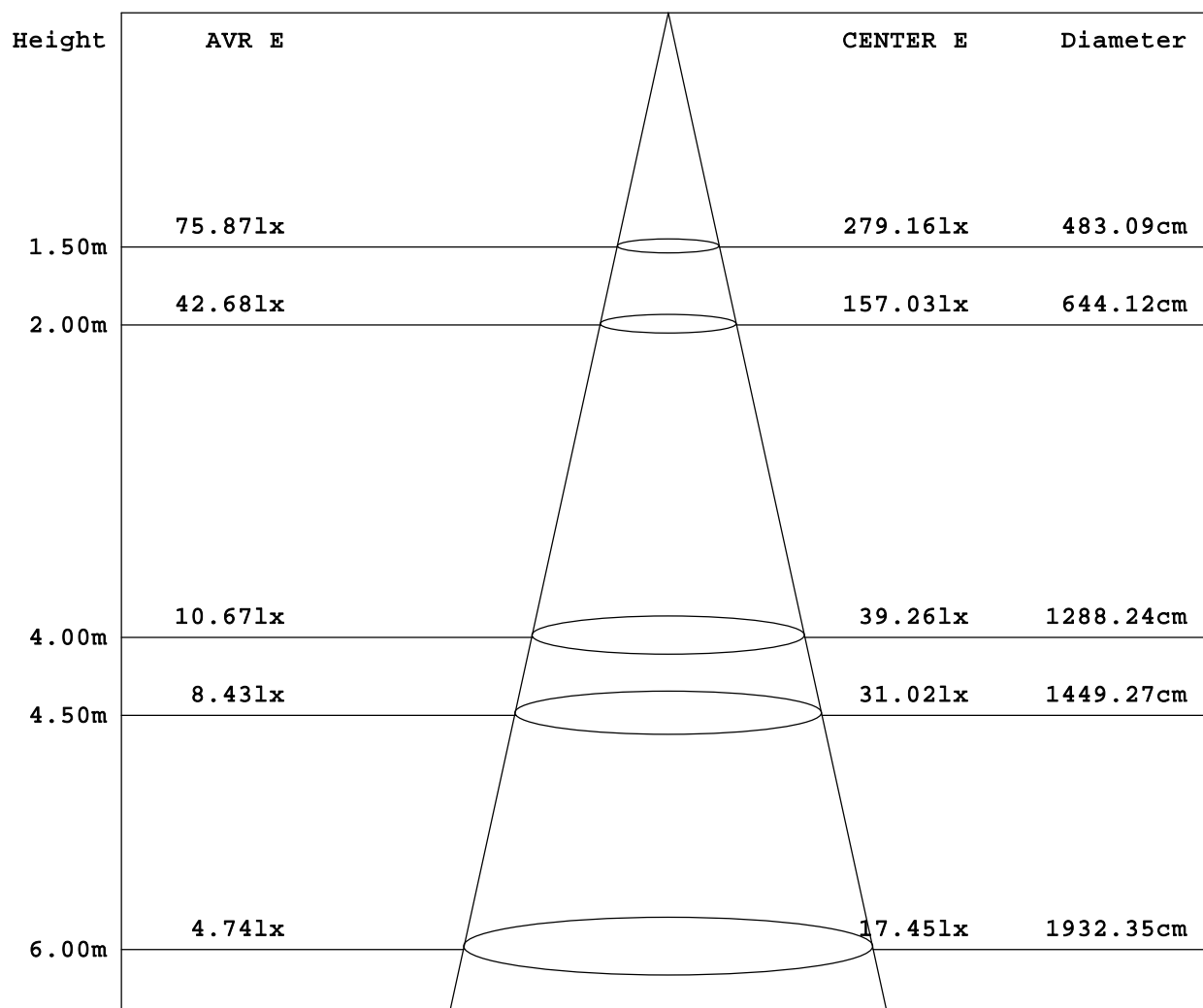
Test Set: 5.0 deg/s C-Gamma (TYPE C)  
 Humidity: 65.0%  
 Test Distance: 10.000 m  
 Remarks:

## PHOTOMETRIC TEST REPORT

### AVERAGE AND CENTER E Figure

Report number:

BRAND: BRAYTRON		
NAME: 24W SMD LED PANEL LIGHT	TYPE:SMD-UTF	WEIGHT:
MODEL NO.:BP04-32410	DIMENSION:	SERIAL No.:



Angle:116.3deg

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.: BP04-32410	DIMENSION:	SERIAL No.:

γ	C0	C180	γ	Φ zone	Φ total
5.0	622.7	628.1	0- 5	15	15
10.0	612.2	623.5	5- 10	44	59
15.0	597.0	613.0	10- 15	73	132
20.0	576.9	597.7	15- 20	98	230
25.0	551.5	577.5	20- 25	121	351
30.0	522.1	551.7	25- 30	139	490
35.0	489.0	521.8	30- 35	154	644
40.0	451.5	487.7	35- 40	163	807
45.0	410.4	448.5	40- 45	166	973
50.0	367.3	406.0	45- 50	165	1138
55.0	321.1	361.7	50- 55	158	1296
60.0	274.7	314.7	55- 60	147	1443
65.0	226.6	264.3	60- 65	131	1574
70.0	177.4	214.7	65- 70	112	1686
75.0	117.4	150.6	70- 75	87	1773
80.0	61.09	80.19	75- 80	54	1827
85.0	28.09	46.09	80- 85	29	1856
90.0	4.400	14.59	85- 90	12	1868
95.0	4.100	0	90- 95	2	1870
100.0	3.700	0.400	95-100	1	1871
105.0	3.700	0.700	100-105	1	1873
110.0	4.000	1.000	105-110	1	1874
115.0	4.100	1.400	110-115	1	1875
120.0	4.200	1.600	115-120	1	1876
125.0	4.300	1.800	120-125	1	1878
130.0	4.500	2.100	125-130	1	1879
135.0	3.900	2.300	130-135	1	1881
140.0	3.900	2.500	135-140	1	1882
145.0	3.900	2.700	140-145	1	1883
150.0	3.800	2.800	145-150	1	1884
155.0	4.200	3.100	150-155	1	1885
160.0	4.500	3.500	155-160	1	1885
165.0	4.700	4.000	160-165	1	1886
170.0	4.800	4.400	165-170	1	1887
175.0	4.800	4.500	170-175	0	1887
180.0	4.700	4.800	175-180	0	1887
DEG	LUMINOUS INTENSITY:cd			UNIT:lm	

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:

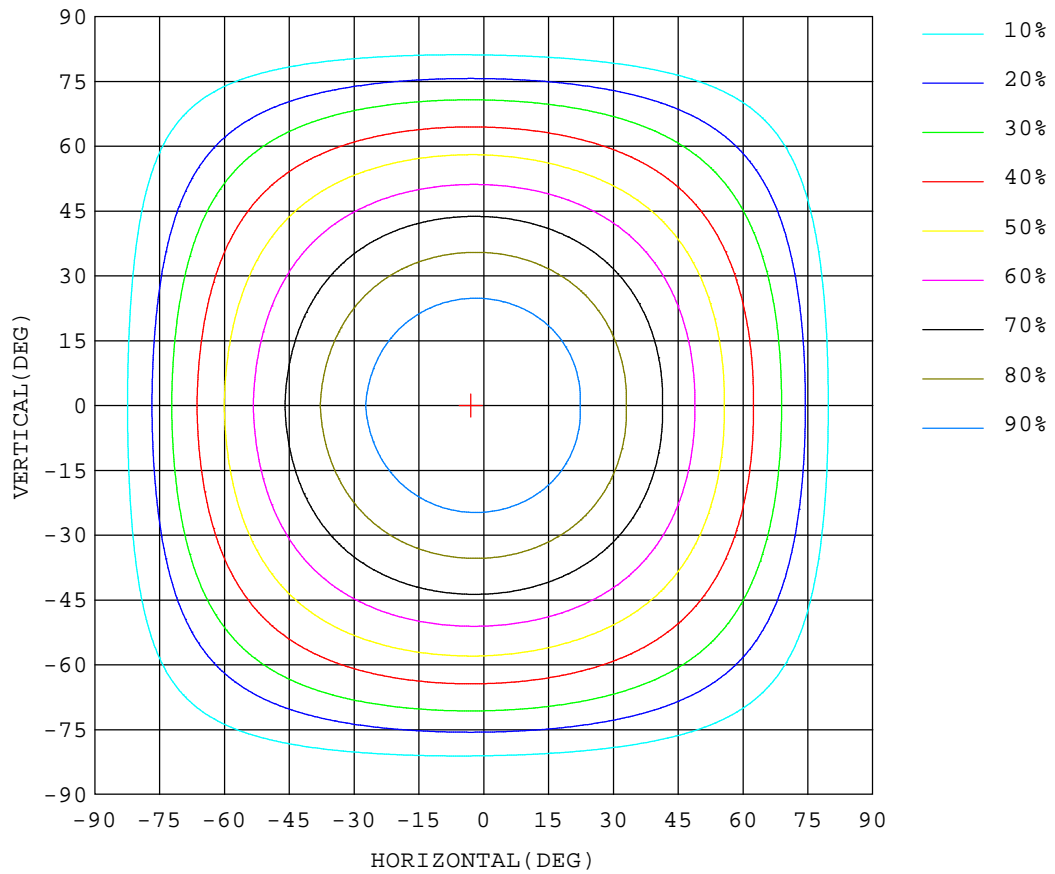
## PHOTOMETRIC TEST REPORT

### ISOCANDELA DIAGRAM

Report number:

BRAND: BRAYTRON			
NAME: 24W SMD LED PANEL LIGHT	TYPE: SMD-UTF	WEIGHT:	
MODEL NO.: BP04-32410	DIMENSION:	SERIAL No.:	

UNIT: cd



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:

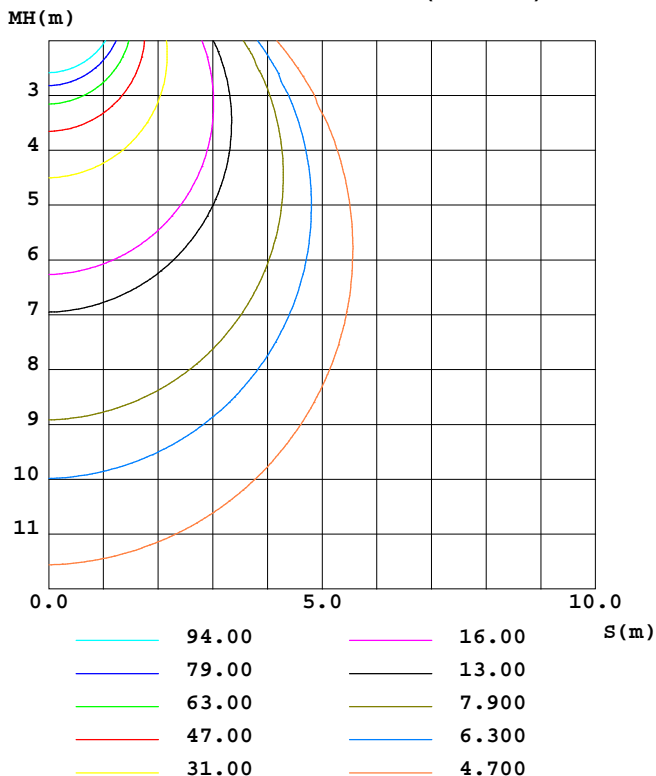
## PHOTOMETRIC TEST REPORT

### ISOLUX DIAGRAM

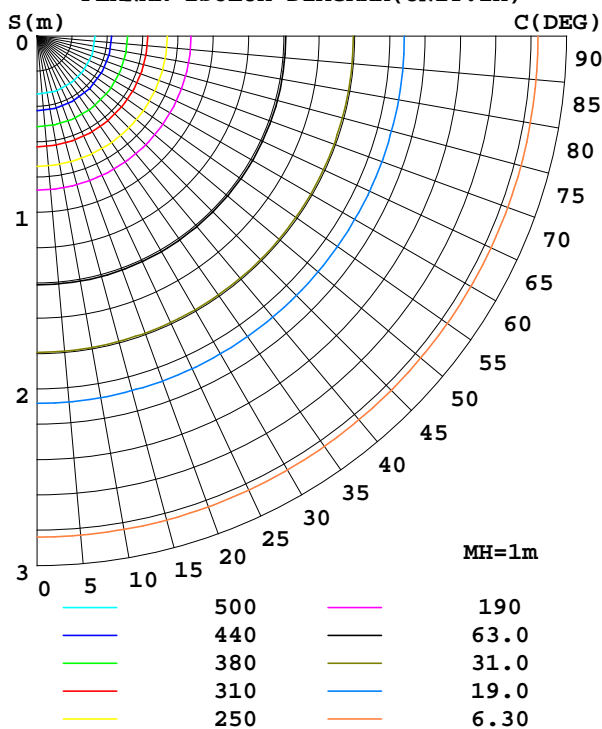
Report number:

BRAND: BRAYTRON			
NAME: 24W SMD LED PANEL LIGHT	TYPE: SMD-UTF	WEIGHT:	
MODEL NO.: BP04-32410	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:

<b>BRAND: BRAYTRON</b>		
<b>NAME: 24W SMD LED PANEL LIGHT</b>	<b>TYPE: SMD-UTF</b>	<b>WEIGHT:</b>
<b>MODEL NO.: BP04-32410</b>	<b>DIMENSION:</b>	<b>SERIAL No.:</b>

UNIT: cd

C (DEG) γ (DEG)	0	180
0.0	628	628
5.0	623	628
10.0	612	624
15.0	597	613
20.0	577	598
25.0	552	578
30.0	522	552
35.0	489	522
40.0	452	488
45.0	410	449
50.0	367	406
55.0	321	362
60.0	275	315
65.0	227	264
70.0	177	215
75.0	117	151
80.0	61.0	80.1
85.0	28.0	46.0
90.0	4.40	14.5
95.0	4.10	0.00
100.0	3.70	0.40
105.0	3.70	0.70
110.0	4.00	1.00
115.0	4.10	1.40
120.0	4.20	1.60
125.0	4.30	1.80
130.0	4.50	2.10
135.0	3.90	2.30
140.0	3.90	2.50
145.0	3.90	2.70
150.0	3.80	2.80
155.0	4.20	3.10
160.0	4.50	3.50
165.0	4.70	4.00
170.0	4.80	4.40
175.0	4.80	4.50
180.0	4.70	4.80

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: