

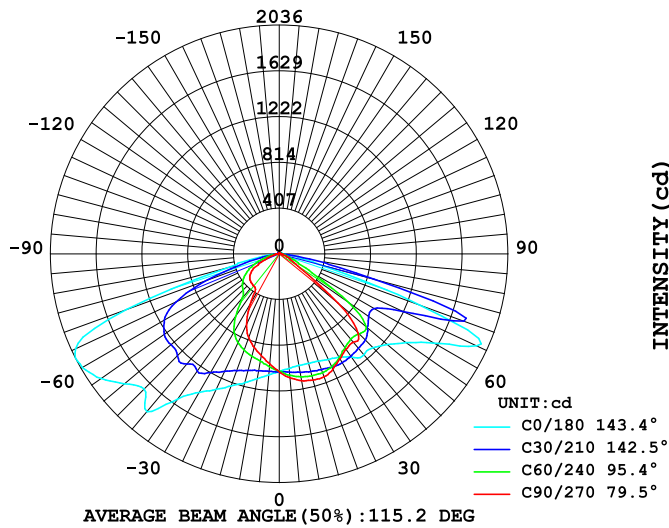
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

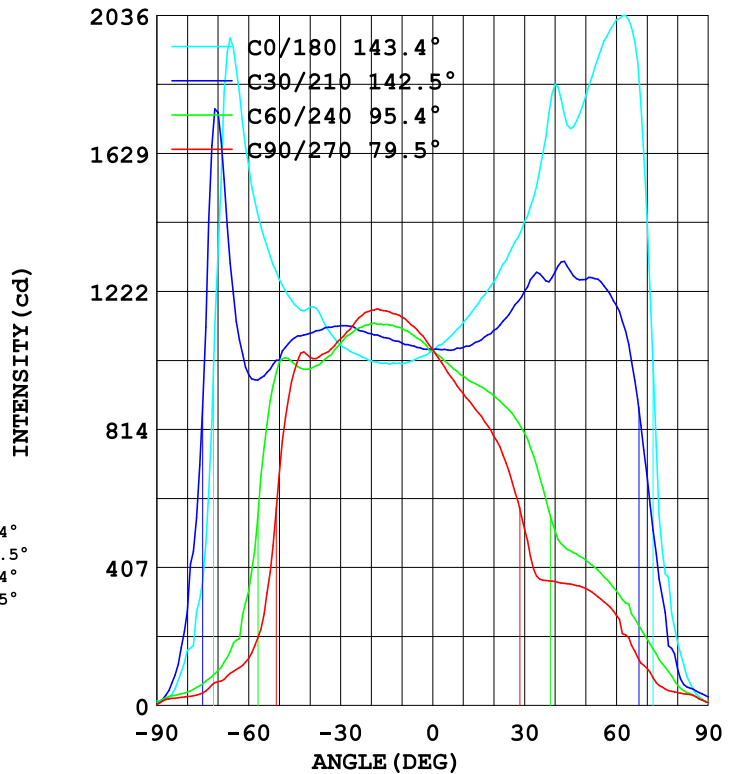
MANUFACTURER: BBT LIGHTING			
Address:			
NAME: FLASH 286101		TYPE:	WEIGHT:
SPECIFICATION:	CCT (K) : 5000	DIMENSION:	SERIAL No. :

DATA OF LAMP		Imax (cd)	2036	S/MH (C0/180)	1.69
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.51
NOMINAL POWER (W)	0	TOTAL FLUX (lm)	4329.4	Voltage (V)	0
RATED VOLTAGE (V)	0	EFFICIENCY (lm/W)		Current (A)	0
NOMINAL FLUX (lm)	4329.5	η up (%)	1.2	Power (W)	0
LAMPS QUANTITY	1	η down (%)	98.8	Power Factor (PF)	0
TEST VOLTAGE (V)	0.0	Effective Flux (lm)	4142.0	EEL	0.000

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO
 Temperature:25.3DEG
 Operators:
 Test Date:2024

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.140 m
 Remarks:

Color Temperature Data List

Report number:

MANUFACTURER: BBT LIGHTING			
Address:			
NAME: FLASH 286101		TYPE:	WEIGHT:
SPECIFICATION:	CCT (K) : 5000	DIMENSION:	SERIAL No. :

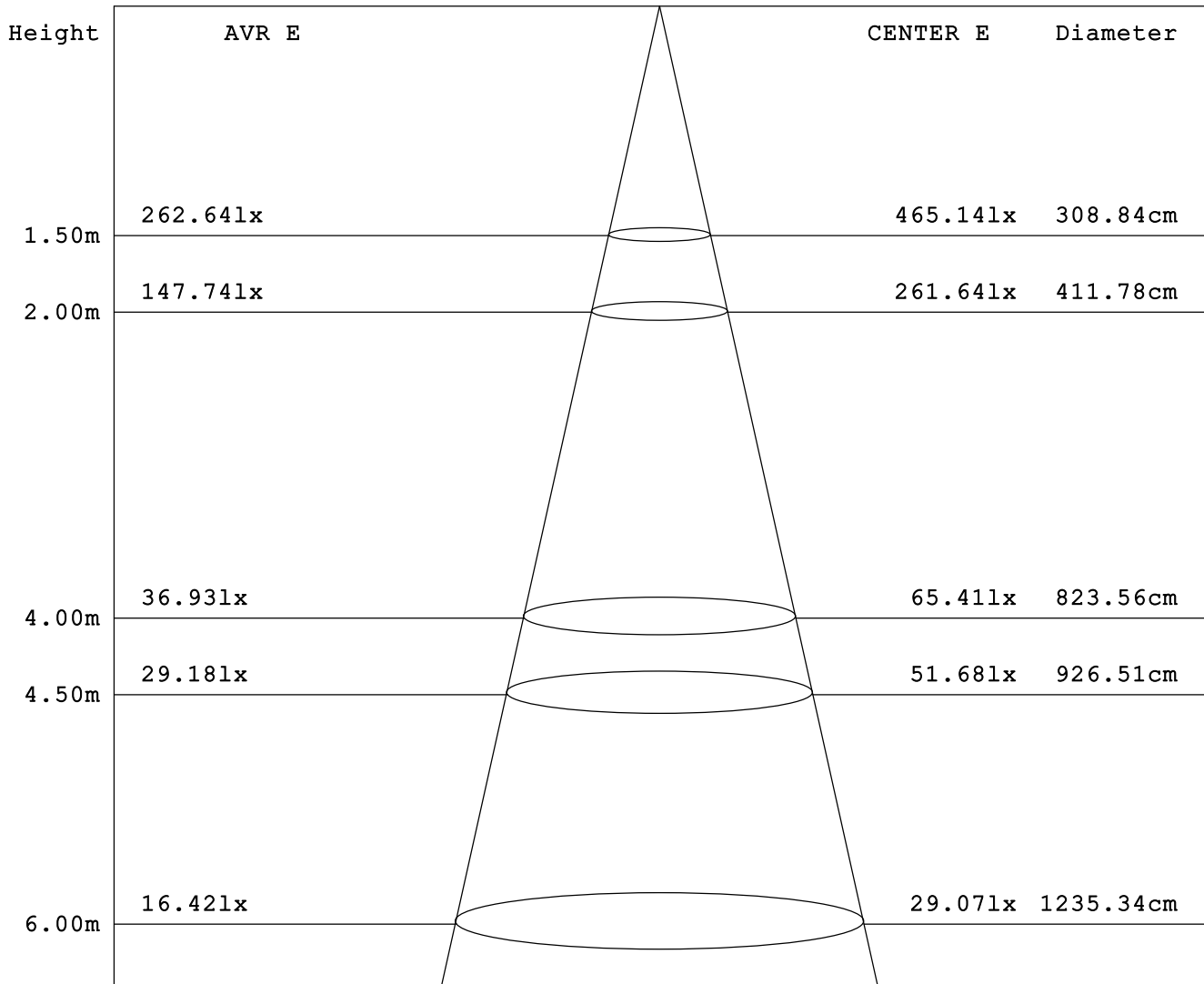
Test System:HOPOO
Temperature:25.3DEG
Operators:
Test Date:2024

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.140 m
Remarks:

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: BBT LIGHTING			
Address:			
NAME: FLASH 286101		TYPE:	WEIGHT:
SPECIFICATION:	CCT (K) : 5000	DIMENSION:	SERIAL No. :



Angle: 91.7deg

Test System:HOPOO
 Temperature:25.3DEG
 Operators:
 Test Date:2024

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.140 m
 Remarks:

GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: BBT LIGHTING			
Address:			
NAME: FLASH 286101		TYPE:	WEIGHT:
SPECIFICATION:	CCT (K) : 5000	DIMENSION:	SERIAL No. :

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	1025	1070	1108	1109	1082	1029	981.3	976.1	0- 5	25.03	25.03
10.0	1008	1091	1146	1170	1130	1014	920.2	919.3	5- 10	74.97	100.0
15.0	1010	1104	1164	1226	1187	1009	863.0	875.3	10- 15	124.7	224.8
20.0	1017	1111	1166	1275	1249	1011	794.7	835.0	15- 20	174.1	398.9
25.0	1037	1111	1133	1318	1332	1013	690.5	793.3	20- 25	221.7	620.6
30.0	1063	1095	1082	1361	1426	1013	522.3	733.7	25- 30	265.6	886.3
35.0	1123	1068	1039	1363	1579	973.2	372.8	652.4	30- 35	303.0	1189
40.0	1175	1045	1027	1370	1833	897.0	365.6	584.8	35- 40	339.0	1528
45.0	1183	1046	988.6	1419	1702	868.4	358.8	558.0	40- 45	374.0	1902
50.0	1258	1015	680.7	1398	1800	842.6	344.8	529.0	45- 50	399.5	2302
55.0	1380	866.3	269.6	1332	1935	820.3	313.9	489.1	50- 55	409.7	2712
60.0	1591	657.3	139.2	1032	2022	759.5	266.8	436.1	55- 60	398.8	3110
65.0	1939	699.0	100.6	899.1	1999	641.7	176.7	372.2	60- 65	387.6	3498
70.0	1333	926.0	70.55	906.1	1444	438.5	110.3	288.7	65- 70	377.9	3876
75.0	366.6	473.3	37.57	413.5	457.0	221.8	53.85	186.1	70- 75	256.9	4133
80.0	163.1	158.5	26.50	104.1	184.9	82.70	38.40	56.51	75- 80	98.86	4232
85.0	33.18	47.53	21.29	33.91	48.11	40.02	29.63	31.51	80- 85	34.23	4266
90.0	13.25	8.818	2.609	14.40	5.948	17.16	8.453	10.22	85- 90	12.44	4279
95.0	12.21	5.792	0.939	6.574	5.531	8.296	4.174	7.775	90- 95	4.239	4283
100.0	12.94	5.531	1.043	5.270	7.305	7.566	3.861	7.931	95-100	3.506	4286
105.0	14.08	5.844	1.461	5.061	8.766	7.775	3.965	8.818	100-105	3.606	4290
110.0	14.50	5.948	1.878	5.009	9.079	7.931	4.487	9.236	105-110	3.696	4294
115.0	14.81	6.470	2.087	5.322	8.975	8.296	5.426	10.01	110-115	3.746	4297
120.0	15.02	7.096	2.400	5.531	9.392	8.818	6.574	10.74	115-120	3.839	4301
125.0	15.23	7.566	2.817	5.635	9.705	9.236	7.722	11.21	120-125	3.865	4305
130.0	15.23	7.983	3.130	6.000	10.01	9.288	8.349	11.53	125-130	3.790	4309
135.0	14.92	8.244	3.652	6.105	10.01	9.601	8.662	11.84	130-135	3.626	4312
140.0	14.29	8.453	4.592	6.209	10.01	9.653	9.079	11.84	135-140	3.384	4316
145.0	13.56	8.557	5.113	6.418	9.705	9.705	9.601	11.68	140-145	3.071	4319
150.0	12.83	8.557	5.635	6.679	9.497	9.810	10.22	11.48	145-150	2.723	4322
155.0	12.31	8.662	6.053	6.835	9.184	9.705	10.54	11.32	150-155	2.345	4324
160.0	11.68	8.870	6.679	7.305	9.288	9.810	10.43	10.90	155-160	1.946	4326
165.0	11.27	9.027	7.305	7.879	9.288	9.758	10.33	10.64	160-165	1.542	4327
170.0	11.06	9.236	8.036	8.401	9.497	9.705	10.22	10.27	165-170	1.121	4329
175.0	10.85	9.340	8.662	8.818	9.705	9.705	10.01	9.862	170-175	0.683	4329
180.0	10.33	9.445	9.184	9.288	10.22	9.549	9.705	9.392	175-180	0.228	4329
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO
 Temperature:25.3DEG
 Operators:
 Test Date:2024

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.140 m
 Remarks:

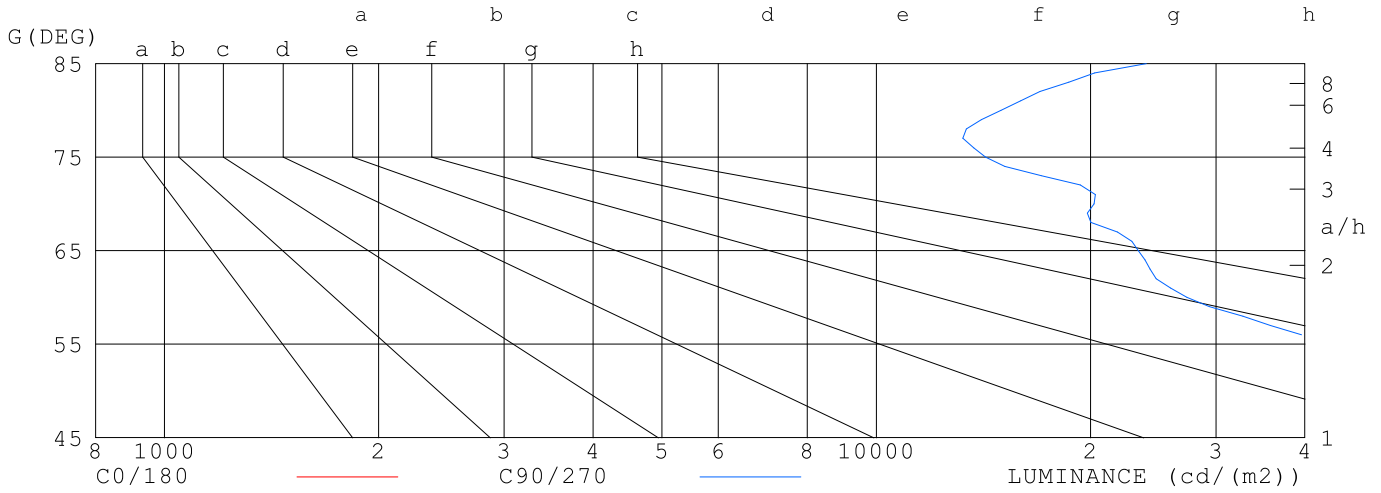
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: BBT LIGHTING			
Address:			
NAME: FLASH 286101		TYPE:	WEIGHT:
SPECIFICATION:	CCT (K) : 5000	DIMENSION:	SERIAL No. :

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	37332	23949
80	92096	14966
75	138879	14232
70	382115	20223
65	449832	23339
60	311968	27299
55	235880	46095
50	191811	103832
45	164032	137074

Test System:HOPOO
 Temperature:25.3DEG
 Operators:
 Test Date:2024

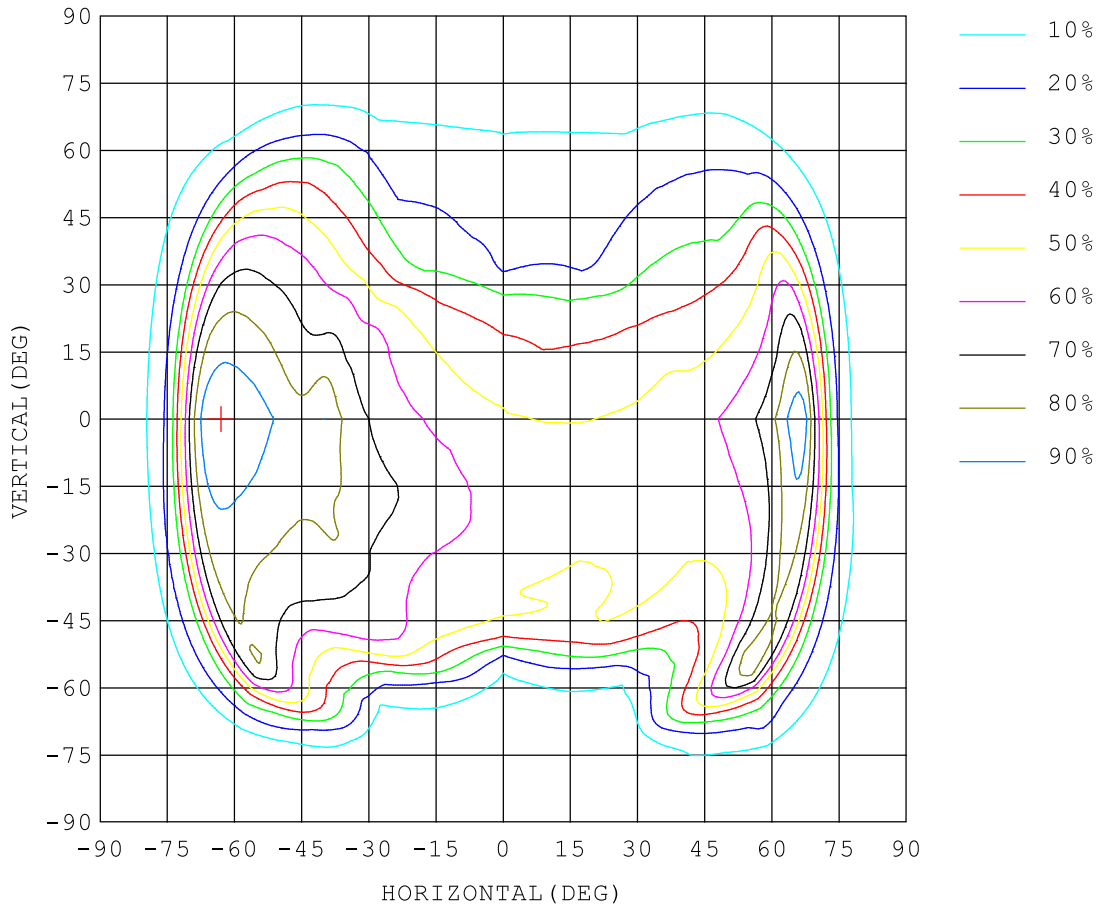
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.140 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: BBT LIGHTING			
Address:			
NAME: FLASH 286101		TYPE:	WEIGHT:
SPECIFICATION:	CCT (K) : 5000	DIMENSION:	SERIAL No. :

UNIT: cd



Test System:HOPOO
 Temperature:25.3DEG
 Operators:
 Test Date:2024

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.140 m
 Remarks: