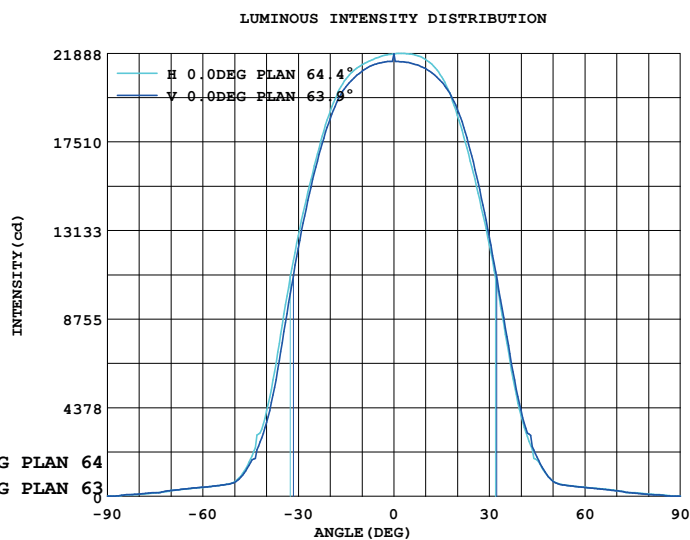
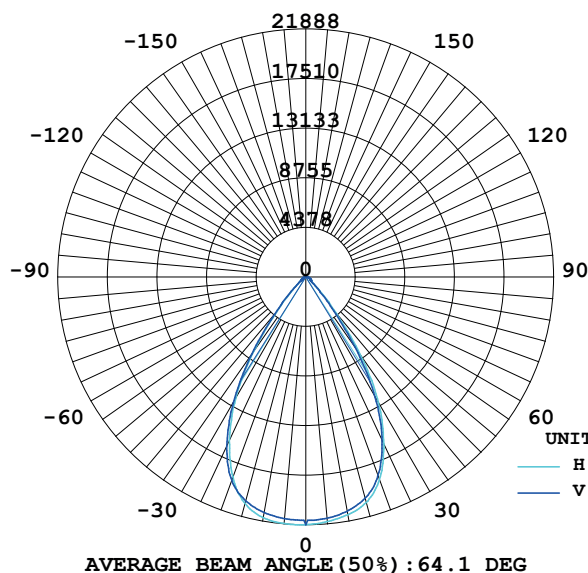


LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: BAEI S.A.			
Address:			
NAME: SPORT 150 L60		TYPE:	WEIGHT:
SPECIFICATION:	CCT (K): 5000	DIMENSION:	SERIAL No.:

MODEL: SPORT 150 L60					
NOMINAL POWER(W):	148	Imax (cd):	21888	Voltage(V)	219.8
RATED VOLTAGE(V):	220	AVAILABILITY(%):	91.9	Current(A)	0.680
NOMINAL FLUX(lm):	22662	Avai. FLUX(lm):	18006	Power (W)	148.1
TEST FLUX(lm):	22662	EFFICIENCY(%):	100.0	Power Factor (PF)	0.990
LAMPS QUANTITY:	1	TOTAL FLUX(lm):	19593	EFFICIENCY(lm/W)	132.3
Effective Flux(lm):	18005.9	☒ @50% (H, V):	64.4, 63.8 DEG	EEI:	0.097



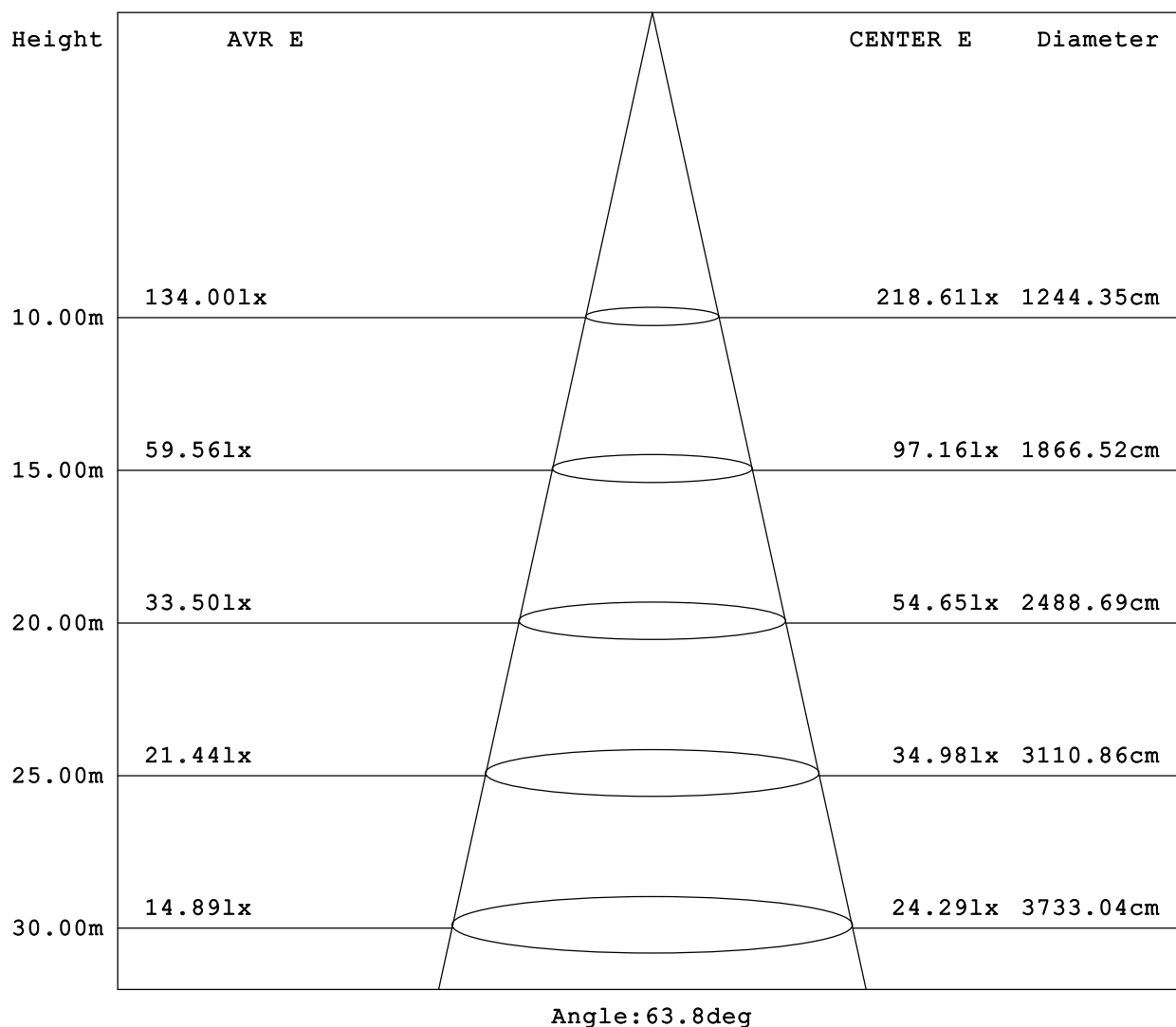
Test System: HOPPO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2020年06月23日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 9.750 m
Remarks:

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: BAE S.A.			
Address:			
NAME: SPORT 150 L60	TYPE:		WEIGHT:
SPECIFICATION:	CCT (K): 5000	DIMENSION:	SERIAL No.:



Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 2020年06月23日

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.750 m
 Remarks:

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: BAEI S.A.																			
Address:																			
NAME: SPORT 150 L60										TYPE:					WEIGHT:				
SPECIFICATION:					CCT (K): 5000					DIMENSION:					SERIAL No.:				

VERTICAL (DEG)	72	AREA FLUX DIAGRAM																		UNIT:lm			t	a
	64	0.82	1.26	2.03	2.91	3.73	4.45	5.37	6.02	6.08	6.11	6.09	5.44	4.53	3.87	3.06	2.14	1.35	0.83	66.1	0.00			
	56	1.08	1.88	3.00	4.27	5.32	6.07	7.04	7.90	8.39	8.41	7.96	7.14	6.19	5.47	4.40	3.09	1.97	1.16	90.8	0.00			
	48	1.37	2.51	3.77	5.25	6.76	7.76	9.02	11.0	12.5	12.5	11.0	9.16	7.96	7.02	5.39	3.84	2.58	1.46	121	0.00			
	40	1.65	3.00	4.38	6.07	8.55	12.9	22.3	35.7	45.1	45.8	37.1	23.8	14.0	9.07	6.22	4.43	3.07	1.76	285	102			
	32	1.90	3.40	4.90	6.89	14.8	37.0	72.9	115	142	144	119	78.0	40.7	16.7	7.21	4.95	3.45	1.99	816	715			
	24	2.06	3.71	5.42	9.82	32.8	89.4	169	237	273	274	239	175	96.7	37.7	11.3	5.50	3.74	2.13	1668	1596			
	2.18	3.94	6.08	16.9	63.1	159	260	331	365	366	333	264	167	71.0	20.6	6.37	3.98	2.25	2441	2382				
	2.26	4.14	6.98	25.8	97.0	214	316	379	403	405	382	319	221	106	30.1	7.50	4.19	2.33	2926	2872				
	2.29	4.29	7.72	32.2	117	241	342	397	416	416	399	343	241	117	32.8	8.09	4.35	2.37	3124	3073				
	2.26	4.23	7.43	30.0	109	230	330	389	411	419	400	337	233	110	30.7	7.72	4.30	2.34	3058	3007				
	2.16	3.97	6.33	20.0	79.0	193	299	369	398	402	377	310	206	89.8	24.8	6.67	4.05	2.25	2793	2738				
	2.02	3.67	5.48	12.4	49.9	140	242	317	354	356	322	250	152	59.7	16.2	5.68	3.75	2.10	2296	2235				
	1.83	3.37	5.11	8.33	25.1	73.1	151	222	260	261	226	159	82.1	31.4	9.91	5.22	3.47	1.91	1531	1456				
	1.62	3.11	4.76	6.73	11.6	28.6	60.5	99.1	126	128	103	66.1	33.5	13.9	6.96	4.86	3.23	1.70	704	597				
	1.38	2.77	4.31	5.91	7.89	10.9	18.1	28.0	37.2	38.2	30.4	20.5	12.2	8.04	5.99	4.43	2.90	1.47	241	58.2				
1.11	2.33	3.70	5.02	6.41	7.71	8.72	9.70	11.5	11.7	10.0	8.97	7.83	6.44	5.07	3.83	2.48	1.21	114	0.00					
0.88	1.79	2.87	3.98	5.16	6.25	7.03	7.63	8.47	8.49	7.67	7.06	6.24	5.15	4.06	3.05	1.94	0.96	88.7	0.00					
0.74	1.29	1.87	2.48	3.53	4.57	5.21	5.67	6.12	6.14	5.75	5.26	4.63	3.63	2.61	2.01	1.43	0.71	63.7	0.00					
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)					16	24	32	40	48	56	64	72			
t	29.6	54.7	86.2	205	648	1468	2327	2966	3285	3306	3017	2390	1537	703	228	89.4	56.2	31.0	22662					
a	0.00	0.00	0.00	58.1	531	1369	2237	2880	3199	3220	2929	2300	1441	591	75.6	0.00	0.00	0.00		20822				

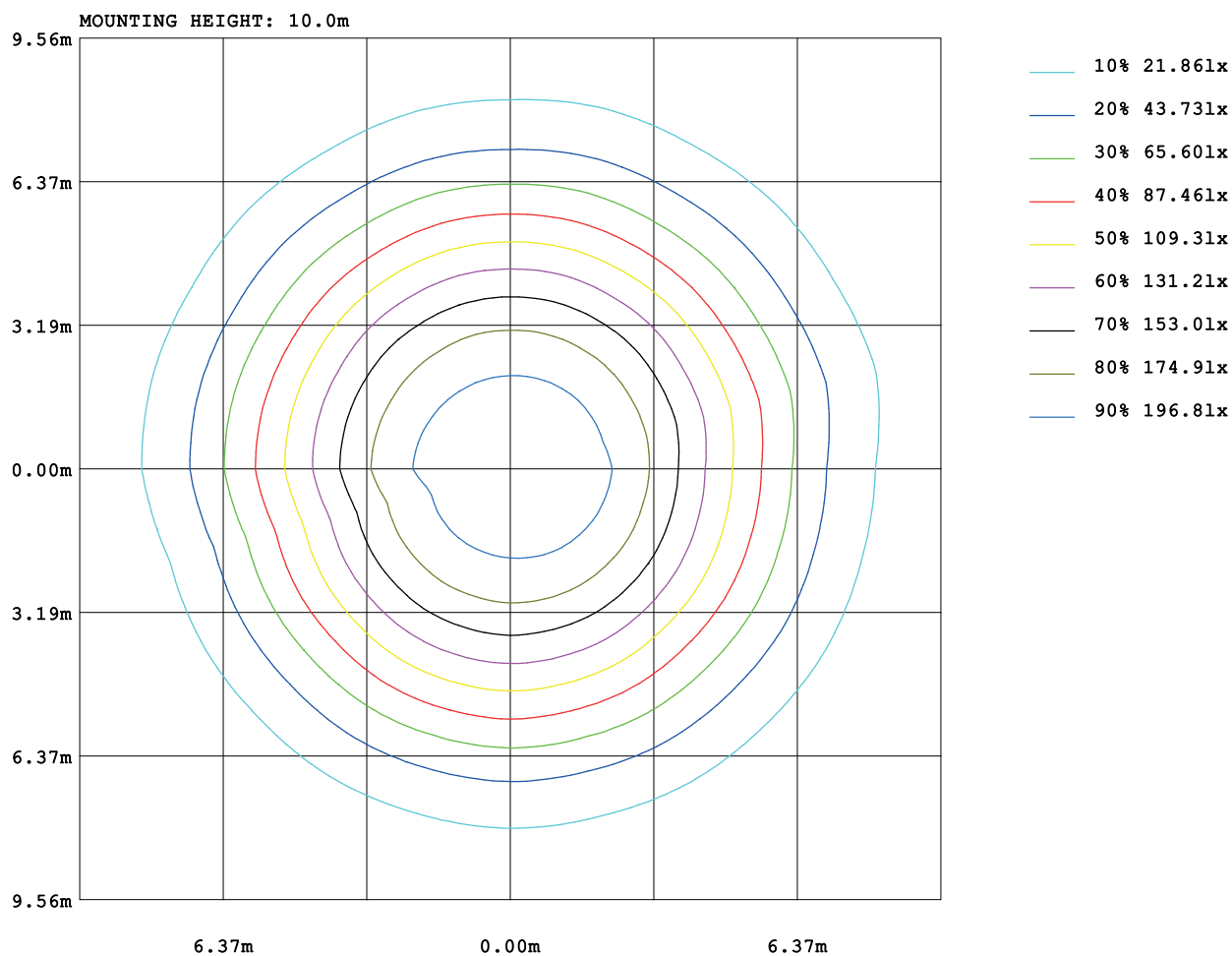
 Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2020年06月23日

 Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.750 m
 Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER: BAEI S.A.			
Address:			
NAME: SPORT 150 L60		TYPE:	WEIGHT:
SPECIFICATION:	CCT (K): 5000	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2020年06月23日

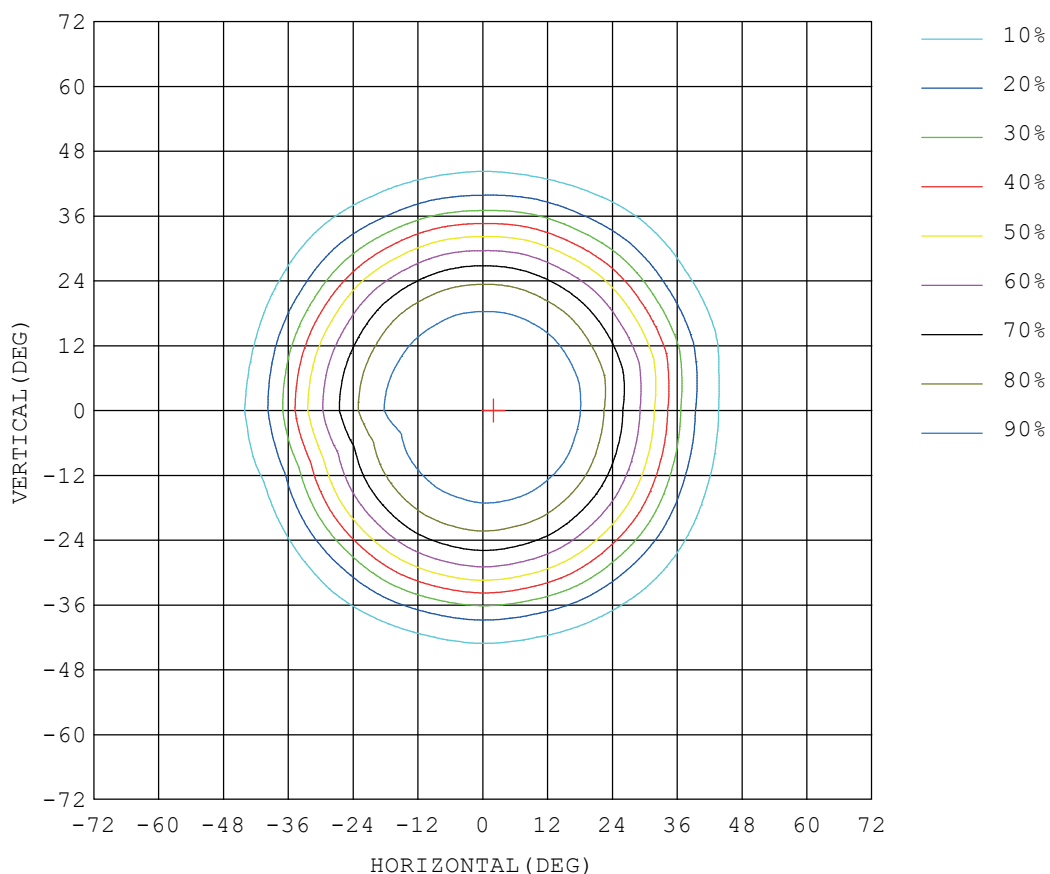
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.750 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: BAEI S.A.			
Address:			
NAME: SPORT 150 L60		TYPE:	WEIGHT:
SPECIFICATION:	CCT (K) : 5000	DIMENSION:	SERIAL No.:

UNIT: cd



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2020年06月23日

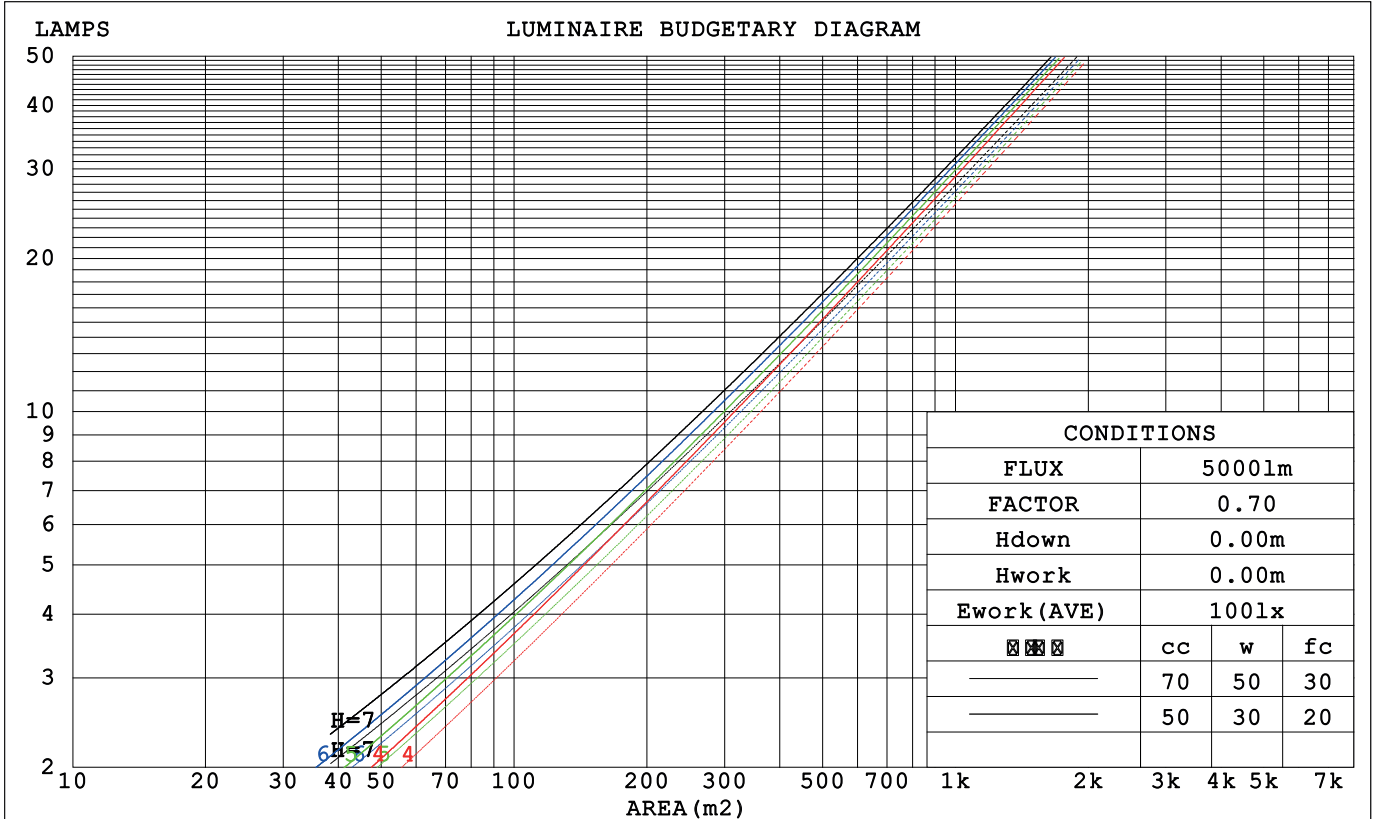
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.750 m
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: BAEI S.A.			
Address:			
NAME: SPORT 150 L60		TYPE:	WEIGHT:
SPECIFICATION:	CCT (K): 5000	DIMENSION:	SERIAL No.:

cc	80%			70%			50%			30%			10%			0
w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.10	1.07	1.05	1.08	1.05	1.03	1.04	1.02	.00	.00	.98	.97	.96	.95	.94	.92
2.0	1.02	.97	.94	.00	.96	.93	.96	.93	.90	.93	.91	.88	.91	.88	.86	.85
3.0	.94	.89	.85	.93	.88	.84	.90	.86	.82	.87	.84	.81	.85	.82	.80	.78
4.0	.88	.82	.77	.86	.81	.77	.84	.79	.76	.82	.78	.75	.80	.77	.74	.72
5.0	.82	.75	.71	.81	.75	.71	.79	.74	.70	.77	.73	.69	.75	.72	.69	.67
6.0	.76	.70	.65	.75	.70	.65	.74	.69	.65	.72	.68	.64	.71	.67	.64	.62
7.0	.71	.65	.61	.71	.65	.61	.69	.64	.60	.68	.63	.60	.67	.63	.59	.58
8.0	.67	.61	.57	.67	.61	.56	.65	.60	.56	.64	.59	.56	.63	.59	.56	.54
9.0	.63	.57	.53	.63	.57	.53	.62	.56	.53	.61	.56	.52	.60	.55	.52	.51
10.0	.60	.54	.49	.59	.53	.49	.58	.53	.49	.57	.53	.49	.57	.52	.49	.48



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2020年06月23日

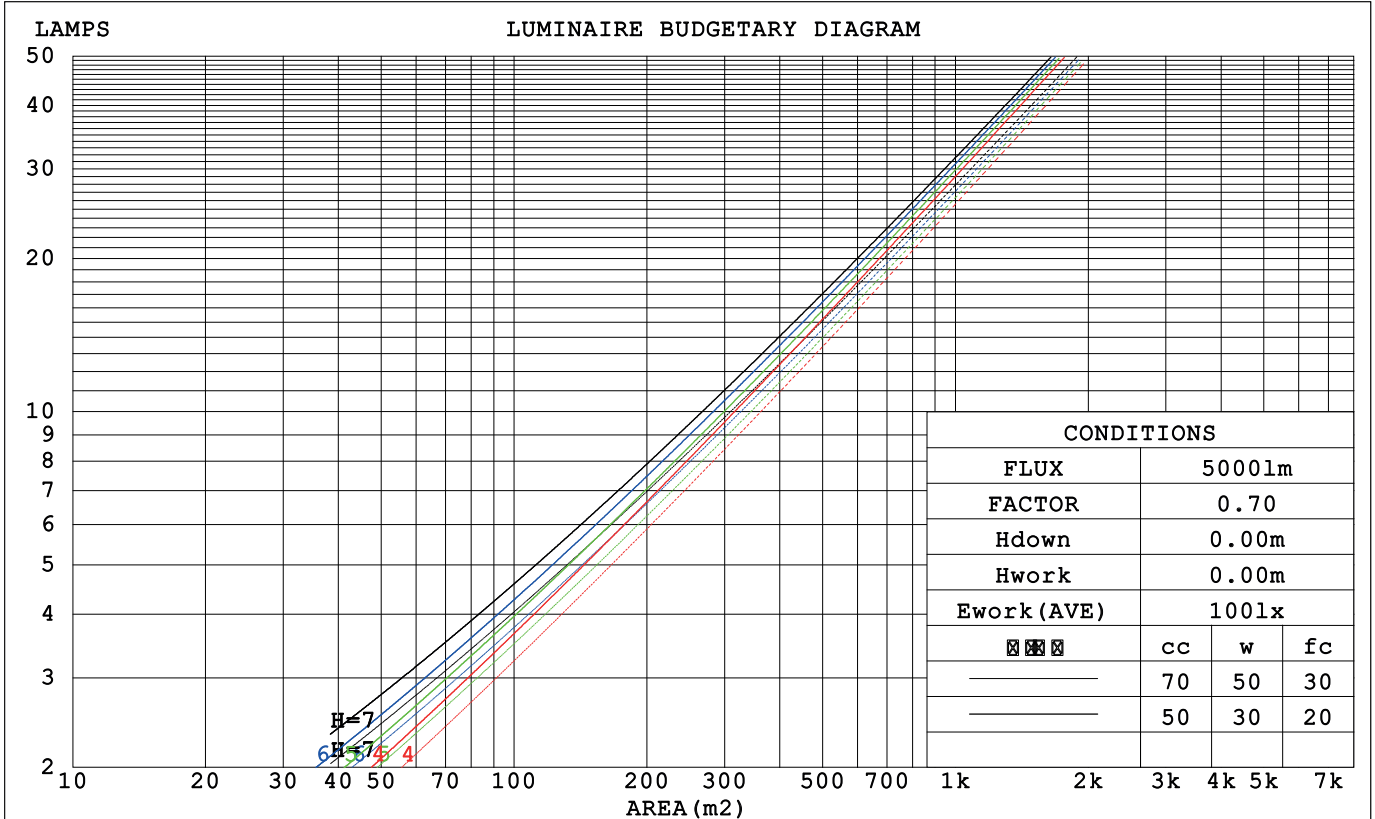
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.750 m
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: BAEI S.A.															
Address:															
NAME: SPORT 150 L60								TYPE:				WEIGHT:			
SPECIFICATION:				CCT (K): 5000				DIMENSION:				SERIAL No.:			

cc	80%			70%			50%			30%			10%			0
w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2020年06月23日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.750 m
Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: BAEI S.A.			
Address:			
NAME: SPORT 150 L60		TYPE:	WEIGHT:
SPECIFICATION:	CCT (K): 5000	DIMENSION:	SERIAL No.:

θ	C0	C45	C90	C135	C180	C225	C270	C315	θ	Zone	total
5.0	2185	2160	2138	2120	2168	2149	2141	2141	0- 5	514.1	514.1
10.0	2159	2129	2100	2085	2132	2116	2113	2124	5- 10	1525	2039
15.0	2072	2043	2023	2001	2062	2045	2047	2061	10- 15	2467	4506
20.0	1881	1871	1865	1832	1901	1903	1911	1920	15- 20	3242	7748
25.0	1598	1590	1597	1550	1633	1648	1653	1664	20- 25	3674	11422
30.0	1242	1221	1225	1174	1287	1284	1279	1307	25- 30	3625	15047
35.0	799.6	771.4	758.3	709.6	845.2	837.3	830.4	875.7	30- 35	3027	18074
40.0	399.2	375.8	364.4	332.0	422.4	423.5	425.9	464.1	35- 40	1951	20025
45.0	179.9	167.8	166.4	136.5	183.6	184.1	193.4	185.3	40- 45	1007	21032
50.0	74.64	70.14	69.05	63.13	71.84	77.91	74.21	87.40	45- 50	455.9	21488
55.0	53.25	49.39	53.61	49.15	53.46	53.03	52.68	55.62	50- 55	244.1	21732
60.0	44.87	40.66	45.17	40.74	44.14	43.72	43.51	45.76	55- 60	208.7	21941
65.0	37.45	33.88	37.59	34.02	36.52	36.23	36.20	37.57	60- 65	187.8	22128
70.0	28.01	27.71	28.80	28.15	28.50	29.24	27.71	30.25	65- 70	162.0	22290
75.0	18.69	16.85	18.58	15.90	17.02	17.93	16.80	17.53	70- 75	124.1	22415
80.0	11.59	8.565	11.40	8.745	9.838	11.55	9.363	12.60	75- 80	82.02	22497
85.0	5.941	4.002	6.312	3.013	5.085	7.319	4.163	8.327	80- 85	50.18	22547
90.0	0.960	0.162	0.941	0.162	0.181	0.998	0.171	1.112	85- 90	14.88	22562
95.0	0.780	0.171	0.770	0.181	0.209	0.799	0.190	0.818	90- 95	2.933	22565
100.0	0.675	0.200	0.675	0.200	0.238	0.703	0.219	0.713	95-100	2.571	22567
105.0	0.627	0.228	0.618	0.228	0.276	0.637	0.257	0.646	100-105	2.388	22570
110.0	0.589	0.266	0.580	0.276	0.314	0.608	0.295	0.608	105-110	2.288	22572
115.0	0.580	0.333	0.580	0.342	0.390	0.608	0.371	0.599	110-115	2.290	22574
120.0	0.637	0.456	0.646	0.485	0.561	0.694	0.513	0.656	115-120	2.507	22577
125.0	0.808	0.713	0.818	0.751	0.894	0.913	0.808	0.856	120-125	3.157	22580
130.0	1.150	1.121	1.169	1.178	1.387	1.330	1.292	1.235	125-130	4.386	22584
135.0	1.654	1.663	1.654	1.730	2.062	1.920	1.967	1.806	130-135	6.068	22590
140.0	2.243	2.271	2.243	2.338	2.794	2.623	2.718	2.500	135-140	7.843	22598
145.0	2.899	2.918	2.889	3.003	3.555	3.336	3.488	3.203	140-145	9.341	22607
150.0	3.593	3.631	3.564	3.716	4.306	4.068	4.249	3.926	145-150	10.32	22618
155.0	4.306	4.353	4.258	4.439	5.057	4.800	4.962	4.620	150-155	10.68	22629
160.0	5.133	5.152	5.038	5.209	5.798	5.504	5.665	5.304	155-160	10.40	22639
165.0	5.960	5.941	5.855	5.960	6.483	6.188	6.340	5.979	160-165	9.402	22648
170.0	6.663	6.587	6.559	6.568	7.015	6.720	6.863	6.521	165-170	7.546	22656
175.0	7.158	7.006	7.053	6.949	7.367	7.053	7.186	6.892	170-175	4.895	22661
180.0	7.386	7.177	7.243	7.072	7.443	7.167	7.272	7.072	175-180	1.693	22662
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm	

Test System:HOPPO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2020年06月23日

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.750 m
 Remarks:

WEC AND CCEC

Report number:

MANUFACTURER: BAEI S.A.											
Address:											
NAME: SPORT 150 L60						TYPE:			WEIGHT:		
SPECIFICATION:				CCT (K): 5000			DIMENSION:			SERIAL No.:	

☐cc	80%			70%			50%			30%			10%			0
☐w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
☐fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.193	.110	.035	.186	.106	.034	.173	.099	.032	.161	.093	.030	.150	.087	.028	
2.0	.184	.101	.031	.178	.098	.030	.167	.093	.029	.157	.088	.028	.148	.084	.026	
3.0	.174	.093	.028	.169	.091	.027	.160	.087	.026	.151	.083	.025	.143	.079	.025	
4.0	.165	.086	.025	.161	.084	.025	.153	.081	.024	.145	.078	.024	.138	.075	.023	
5.0	.157	.080	.023	.153	.079	.023	.146	.076	.022	.139	.074	.022	.133	.071	.021	
6.0	.149	.075	.021	.146	.074	.021	.140	.072	.021	.134	.070	.020	.128	.068	.020	
7.0	.142	.070	.020	.139	.069	.020	.134	.068	.019	.129	.066	.019	.124	.064	.019	
8.0	.136	.066	.019	.133	.066	.019	.128	.064	.018	.124	.063	.018	.119	.061	.018	
9.0	.130	.063	.018	.128	.062	.017	.123	.061	.017	.119	.060	.017	.115	.058	.017	
10.0	.124	.060	.017	.122	.059	.016	.118	.058	.016	.114	.057	.016	.111	.056	.016	

☐cc	80%			70%			50%			30%			10%			0
☐w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
☐fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.194	.194	.194	.166	.166	.166	.113	.113	.113	.065	.065	.065	.021	.021	.021	
1.0	.176	.161	.147	.150	.138	.127	.103	.095	.088	.059	.055	.051	.019	.018	.016	
2.0	.161	.136	.114	.138	.117	.099	.095	.081	.069	.055	.047	.040	.018	.015	.013	
3.0	.150	.117	.091	.128	.101	.079	.088	.070	.056	.051	.041	.033	.016	.013	.011	
4.0	.140	.103	.074	.120	.089	.065	.082	.062	.045	.048	.036	.027	.015	.012	.009	
5.0	.131	.091	.062	.113	.079	.054	.078	.055	.038	.045	.032	.022	.014	.011	.007	
6.0	.124	.082	.052	.107	.071	.045	.074	.050	.032	.043	.029	.019	.014	.010	.006	
7.0	.118	.075	.044	.101	.065	.039	.070	.045	.027	.041	.027	.016	.013	.009	.005	
8.0	.112	.068	.039	.096	.059	.034	.067	.042	.024	.039	.025	.014	.013	.008	.005	
9.0	.107	.063	.034	.092	.055	.030	.064	.039	.021	.037	.023	.013	.012	.007	.004	
10.0	.102	.059	.030	.088	.051	.026	.061	.036	.019	.036	.021	.011	.012	.007	.004	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2020年06月23日

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.750 m
 Remarks:

UGR Table

Report number:

MANUFACTURER: BAE L S.A.											
Address:											
NAME: SPORT 150 L60					TYPE:			WEIGHT:			
SPECIFICATION:		CCT(K): 5000			DIMENSION:			SERIAL No.:			
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions	Viewed crosswise					Viewed endwise					
x = 2H y = 2H	2H	25.8	26.9	26.1	27.0	27.2	25.7	26.7	25.9	26.9	27.0
	3H	26.0	26.9	26.3	27.1	27.3	25.8	26.8	26.1	27.0	27.2
	4H	26.1	26.9	26.3	27.2	27.4	25.9	26.8	26.2	27.0	27.3
	6H	26.1	26.9	26.4	27.2	27.4	26.0	26.8	26.3	27.0	27.3
	8H	26.1	26.9	26.4	27.2	27.4	26.0	26.8	26.3	27.0	27.3
	12H	26.1	26.9	26.5	27.2	27.5	26.0	26.8	26.3	27.0	27.3
4H	2H	25.7	26.6	26.0	26.8	27.1	25.5	26.4	25.8	26.7	26.9
	3H	26.0	26.8	26.3	27.0	27.3	25.8	26.6	26.2	26.9	27.2
	4H	26.2	26.8	26.5	27.1	27.5	26.0	26.7	26.4	27.0	27.3
	6H	26.3	26.9	26.7	27.2	27.6	26.1	26.7	26.5	27.1	27.4
	8H	26.3	26.9	26.7	27.2	27.6	26.2	26.7	26.6	27.1	27.5
	12H	26.4	26.9	26.8	27.3	27.7	26.3	26.8	26.7	27.2	27.6
8H	4H	26.1	26.7	26.5	27.1	27.4	26.0	26.6	26.4	26.9	27.3
	6H	26.4	26.8	26.8	27.2	27.6	26.2	26.7	26.6	27.1	27.5
	8H	26.4	26.9	26.9	27.3	27.7	26.3	26.7	26.8	27.1	27.6
	12H	26.5	26.9	27.0	27.3	27.8	26.5	26.8	26.9	27.3	27.7
12H	4H	26.1	26.6	26.5	27.0	27.4	26.0	26.5	26.4	26.9	27.3
	6H	26.3	26.7	26.8	27.2	27.6	26.2	26.6	26.6	27.0	27.5
	8H	26.5	26.8	26.9	27.3	27.7	26.3	26.7	26.8	27.1	27.6
Variations with the observer position at spacings:											
S = 1.0H	+ 2.3 / - 2.8					+ 2.1 / - 2.6					
1.5H	+ 4.2 / - 2.8					+ 4.0 / - 2.5					
2.0H	+ 3.0 / - 0.7					+ 2.6 / - 0.6					

CIE Pub.117 Corrected 22662 lm Total Lamp Luminous Flux. (8log(F/F0) = 10.8)

 Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2020年06月23日

 Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.750 m
 Remarks:

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: BAE S.A.			
Address:			
NAME: SPORT 150 L60		TYPE:	WEIGHT:
SPECIFICATION:	CCT (K): 5000	DIMENSION:	SERIAL No.:

REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	84	78	73	84	77	73	83	77	73	69
0.80	92	86	82	91	85	81	90	85	81	77
1.00	97	91	87	96	90	87	94	90	86	82
1.25	101	96	92	100	95	91	98	94	90	86
1.50	104	99	95	103	98	95	100	97	94	89
2.00	107	103	99	106	101	98	103	99	97	91
2.50	109	105	102	107	104	101	104	101	99	92
3.00	111	107	104	109	106	103	105	103	101	94
4.00	113	110	107	111	108	106	107	105	103	96
5.00	114	112	110	112	110	108	108	106	105	97
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

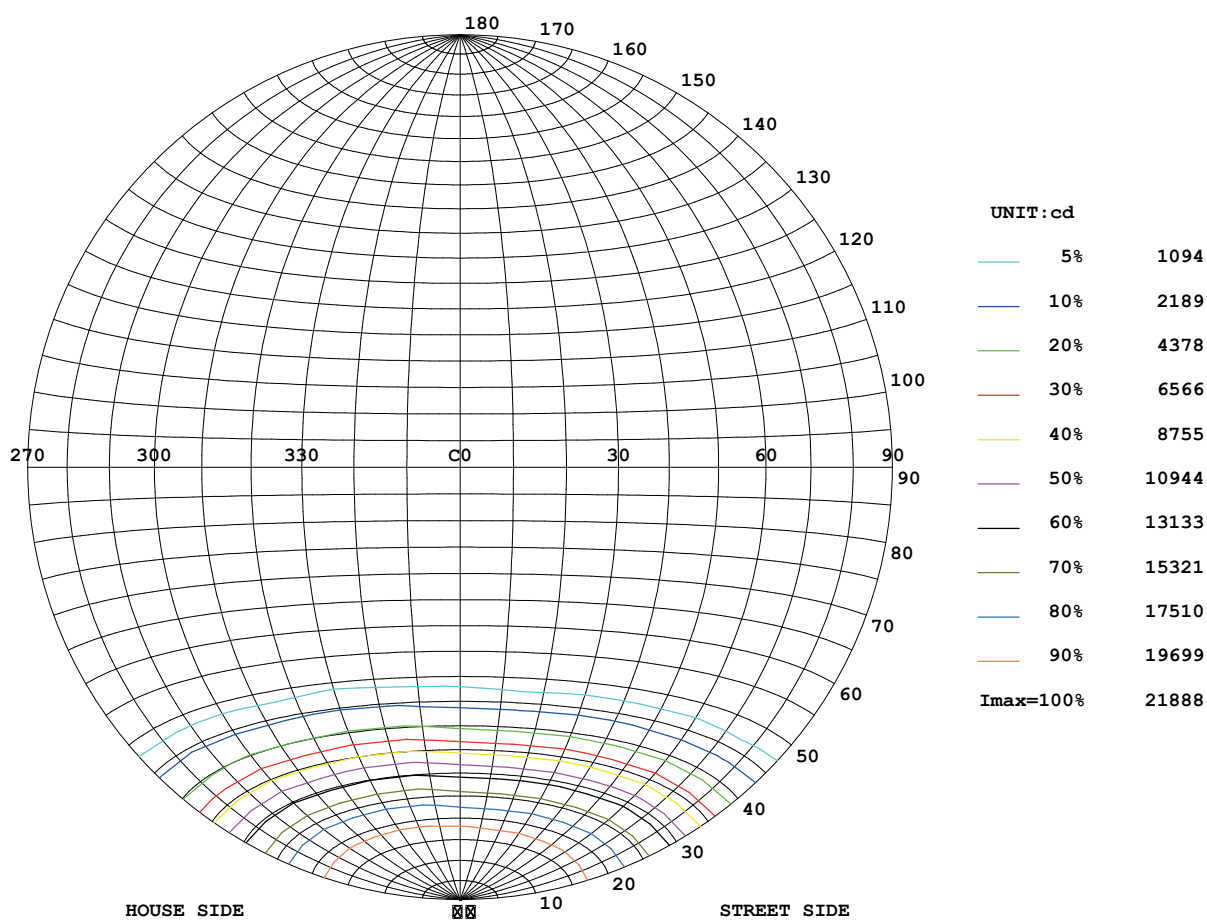
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2020年06月23日

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.750 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: BAEI S.A.			
Address:			
NAME: SPORT 150 L60		TYPE:	WEIGHT:
SPECIFICATION:	CCT (K): 5000	DIMENSION:	SERIAL No.:



Test System: HOP00 HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2020年06月23日

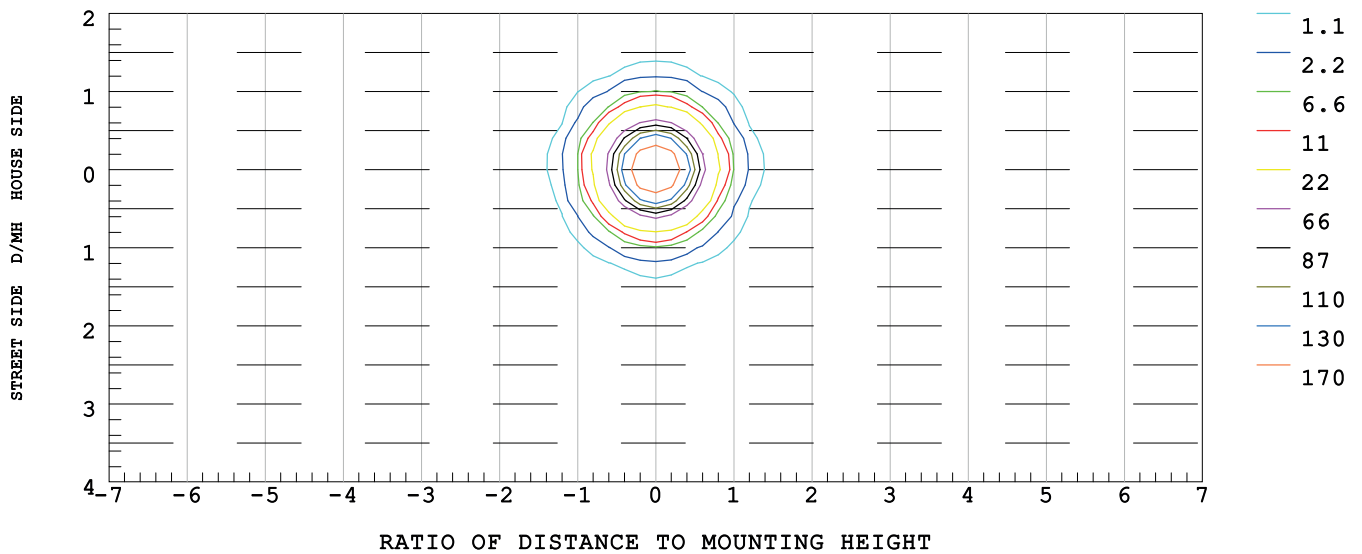
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 9.750 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER: BAEI S.A.			
Address:			
NAME: SPORT 150 L60		TYPE:	WEIGHT:
SPECIFICATION:	CCT (K): 5000	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 218.61 lx



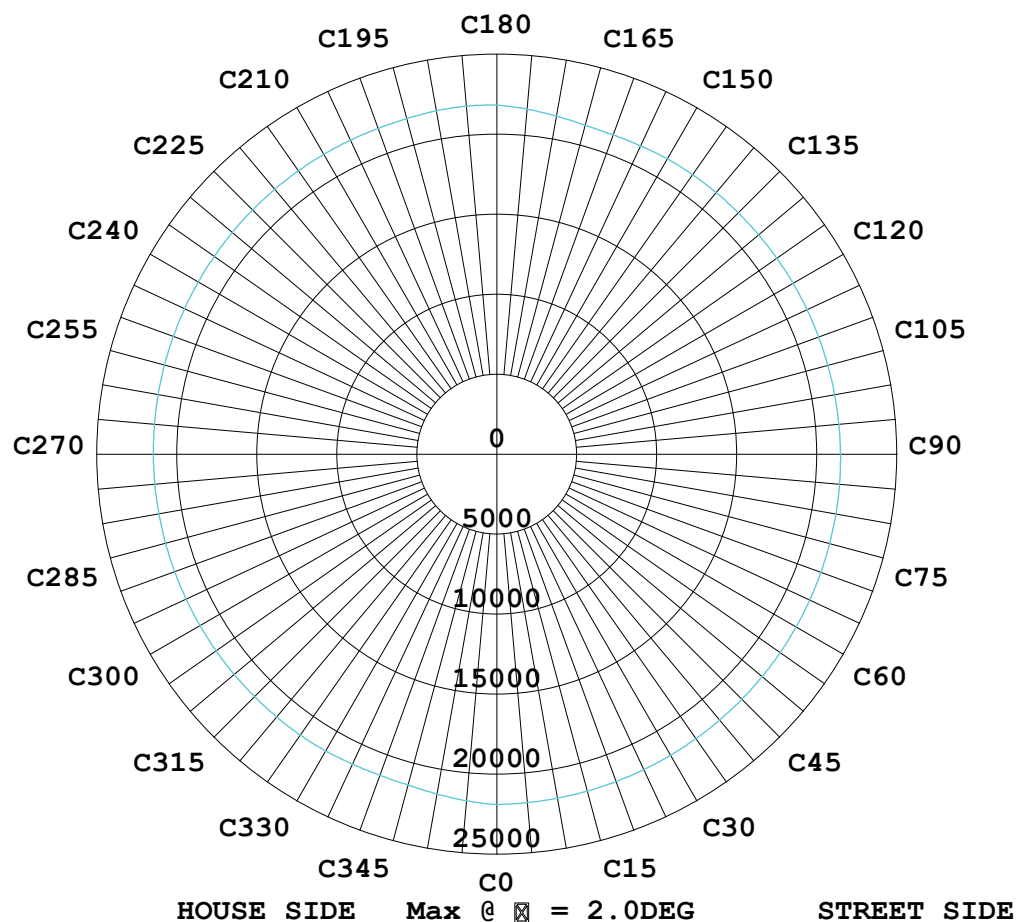
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2020年06月23日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.750 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: BAE S.A.			
Address:			
NAME: SPORT 150 L60		TYPE:	WEIGHT:
SPECIFICATION:	CCT (K) : 5000	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2020年06月23日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.750 m
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: BAEI S.A.			
Address:			
NAME: SPORT 150 L60		TYPE:	WEIGHT:
SPECIFICATION:	CCT (K) : 5000	DIMENSION:	SERIAL No.:

UNIT: ×10cd

H (DEG) V (DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20
-90.0	0.18	0.17	0.17	0.16	0.43	0.71	0.98	0.71	0.43	0.16	0.43	0.70	0.97	0.70	0.43
-85.0	0.18	0.17	0.17	0.16	0.50	0.96	1.62	1.78	1.45	0.65	2.28	4.27	6.46	5.86	5.15
-80.0	0.18	0.18	0.19	0.19	1.48	4.79	8.31	7.96	7.55	7.16	8.70	9.84	10.6	10.4	10.2
-75.0	0.18	0.19	0.33	0.93	5.30	9.22	10.9	10.5	9.95	9.26	10.9	13.7	16.3	17.2	17.6
-70.0	0.18	0.21	0.82	4.03	9.06	10.5	11.7	13.1	14.1	14.7	16.7	19.4	23.5	24.9	25.3
-65.0	0.18	0.27	2.29	7.43	10.0	11.4	15.4	18.0	18.8	21.2	23.7	28.3	30.1	31.6	32.8
-60.0	0.18	0.40	4.25	9.19	10.5	14.2	18.0	22.9	24.9	28.5	30.5	33.3	35.6	37.5	38.5
-55.0	0.18	0.72	5.98	9.61	11.5	17.1	22.3	26.8	29.9	32.7	35.3	38.2	40.6	42.5	43.5
-50.0	0.18	1.09	7.51	9.97	13.6	19.3	25.0	29.9	33.6	36.9	40.0	43.3	46.2	48.3	50.4
-45.0	0.18	1.51	8.36	10.4	15.9	22.0	28.2	32.8	37.1	40.5	44.8	49.7	53.7	60.8	75.8
-40.0	0.18	2.06	8.80	11.4	17.9	23.8	30.2	35.3	39.7	43.8	49.1	57.3	74.6	118	175
-35.0	0.18	2.62	9.04	12.7	19.6	27.4	32.3	37.2	41.7	46.9	55.3	80.3	141	240	360
-30.0	0.18	3.22	9.21	13.8	21.0	28.4	33.9	38.8	43.7	50.4	70.3	140	291	441	680
-25.0	0.18	3.75	9.36	14.8	22.3	30.4	35.6	40.0	45.7	56.1	108	230	440	735	1037
-20.0	0.18	4.19	9.52	15.8	23.3	32.2	37.6	42.0	47.6	66.7	161	347	665	1029	1335
-15.0	0.18	4.55	9.66	16.4	24.2	33.7	39.6	45.0	52.0	85.2	216	474	878	1261	1553
-10.0	0.18	4.82	9.77	16.7	25.9	34.9	41.3	48.0	58.4	122	313	601	1023	1399	1695
-5.0	0.18	4.99	9.83	16.9	27.7	35.8	42.9	50.9	65.8	158	369	746	1179	1516	1783
0.0	0.18	5.08	9.83	17.0	28.5	36.5	44.1	53.4	71.8	184	422	845	1287	1633	1901
5.0	0.18	5.20	10.0	17.3	28.1	36.4	43.6	52.0	69.9	176	404	819	1260	1601	1877
10.0	0.18	5.22	10.2	17.3	26.8	36.0	42.7	50.1	65.1	156	358	737	1166	1513	1793
15.0	0.18	5.16	10.2	16.6	25.9	35.5	41.6	47.9	58.7	128	295	598	1001	1360	1649
20.0	0.18	5.02	10.2	16.4	25.6	34.6	40.4	45.6	53.4	93.8	199	435	780	1142	1436
25.0	0.18	4.79	10.1	16.3	25.2	33.5	39.0	43.4	49.1	66.7	143	310	538	856	1144
30.0	0.18	4.48	10.0	16.3	24.3	32.0	37.4	41.4	45.7	52.9	88.2	181	333	545	782
35.0	0.18	4.09	9.86	15.8	23.3	30.5	35.4	39.3	42.7	46.7	60.4	109	185	306	435
40.0	0.18	3.67	9.68	15.0	22.1	28.3	33.0	36.8	40.0	44.3	51.2	65.9	101	152	215
45.0	0.18	3.19	9.46	14.0	18.0	25.5	30.1	33.9	37.2	41.5	47.1	53.6	57.9	69.2	94.7
50.0	0.18	2.70	9.16	12.6	18.6	22.9	27.7	30.6	34.2	38.1	42.4	46.2	47.5	48.3	52.3
55.0	0.18	2.15	8.81	11.5	16.3	18.1	23.3	27.5	30.7	34.3	37.7	39.6	40.7	41.4	44.0
60.0	0.18	1.54	8.29	11.0	13.4	16.5	18.7	22.6	27.2	29.9	32.7	33.9	34.9	36.1	38.4
65.0	0.18	1.16	6.88	10.6	11.4	13.0	15.3	18.3	20.5	24.3	26.9	28.5	29.3	30.7	33.1
70.0	0.18	0.86	5.10	10.4	10.6	10.5	11.1	13.3	16.1	18.4	17.8	21.3	22.2	24.3	26.5
75.0	0.18	0.66	3.05	8.21	9.97	9.78	9.37	9.66	10.7	12.6	13.5	14.0	14.4	16.2	17.4
80.0	0.18	0.56	1.58	4.36	6.11	7.27	8.04	8.48	8.59	8.70	8.66	8.63	8.61	9.88	11.5
85.0	0.18	0.50	0.94	1.62	1.59	1.41	1.19	2.75	3.94	4.77	4.58	4.37	4.12	5.92	7.68
90.0	0.18	0.48	0.78	1.08	0.78	0.48	0.18	0.45	0.73	1.00	0.72	0.44	0.16	0.46	0.75

Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2020年06月23日

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.750 m
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: BAEI S.A.			
Address:			
NAME: SPORT 150 L60		TYPE:	WEIGHT:
SPECIFICATION:	CCT (K) : 5000	DIMENSION:	SERIAL No.:

UNIT: ×10cd

H (DEG) V (DEG)	-15	-10	-5	0	5	10	15	20	25	30	35	40	45	50	55
-90.0	0.16	0.42	0.68	0.94	0.68	0.42	0.16	0.44	0.71	0.99	0.71	0.44	0.16	0.45	0.74
-85.0	4.48	5.25	5.85	6.31	6.21	5.97	5.57	6.12	6.75	7.33	5.25	3.25	1.47	2.82	3.83
-80.0	9.99	10.4	10.9	11.4	10.9	10.4	9.89	10.2	10.4	10.4	9.02	7.77	6.84	7.43	8.14
-75.0	17.7	18.2	18.4	18.5	18.7	18.7	18.3	18.0	17.5	16.6	14.1	11.4	9.56	9.96	10.2
-70.0	26.4	27.7	28.3	28.8	28.4	27.9	27.5	26.2	25.1	23.8	21.0	17.3	15.4	15.2	14.8
-65.0	33.7	35.0	36.4	37.5	36.5	35.1	33.8	32.9	31.6	30.1	28.1	24.5	22.2	20.9	17.6
-60.0	39.2	40.8	43.1	45.1	43.2	41.0	39.4	38.6	37.5	35.6	33.1	30.5	28.6	26.1	24.3
-55.0	44.1	46.2	50.1	53.6	50.3	46.7	44.8	44.2	43.1	40.7	38.1	35.3	33.1	30.9	28.2
-50.0	52.3	55.8	63.2	69.0	65.0	58.5	54.6	51.9	49.5	46.9	43.9	40.1	37.4	34.5	31.3
-45.0	97.7	124	150	166	155	134	112	88.8	67.2	55.2	50.0	45.3	41.0	38.0	33.9
-40.0	237	307	342	364	347	312	264	182	142	89.5	60.7	49.8	44.6	40.5	36.2
-35.0	501	631	719	758	728	650	532	394	286	173	102	60.2	47.8	42.6	38.1
-30.0	911	1070	1181	1225	1189	1089	943	728	493	310	176	91.7	53.1	44.6	39.6
-25.0	1291	1455	1556	1597	1564	1472	1320	1084	800	504	284	146	65.9	46.7	40.9
-20.0	1573	1737	1828	1865	1836	1759	1606	1379	1092	746	408	196	88.8	49.3	42.9
-15.0	1781	1927	1995	2023	2014	1955	1822	1604	1323	957	553	300	117	55.2	45.7
-10.0	1912	2022	2076	2100	2102	2064	1963	1757	1469	1105	680	328	150	62.9	48.5
-5.0	1969	2064	2108	2138	2152	2127	2035	1845	1562	1206	765	379	171	70.2	51.1
0.0	2062	2132	2168	2186	2185	2159	2072	1881	1598	1242	800	399	180	74.6	53.2
5.0	2034	2108	2136	2141	2136	2115	2045	1887	1609	1262	826	418	186	76.0	52.1
10.0	1970	2060	2100	2113	2109	2076	1986	1809	1539	1207	795	398	175	72.7	50.4
15.0	1860	1971	2030	2047	2039	1986	1876	1668	1389	1048	663	339	159	64.8	48.3
20.0	1658	1802	1888	1911	1895	1814	1671	1457	1175	832	491	252	117	56.8	46.0
25.0	1366	1526	1620	1653	1625	1535	1381	1169	896	590	331	169	79.5	50.2	43.8
30.0	989	1156	1256	1279	1262	1169	1010	816	588	370	205	105	57.0	46.2	41.7
35.0	591	727	808	830	818	748	621	466	330	202	124	67.6	47.8	43.1	39.5
40.0	301	359	407	426	417	378	312	232	165	111	73.3	53.4	45.1	40.3	37.1
45.0	132	165	184	193	183	169	138	100	74.3	62.0	56.4	48.7	42.4	37.5	34.3
50.0	58.9	67.2	72.4	74.2	72.6	67.3	59.5	53.3	49.3	48.9	48.1	43.9	39.0	34.8	31.2
55.0	46.4	48.6	50.9	52.6	50.9	48.7	46.6	44.4	42.0	41.8	40.8	39.1	35.2	31.4	27.7
60.0	40.5	41.9	42.8	43.5	42.9	42.2	40.8	38.9	36.6	35.7	34.9	33.7	30.8	27.7	23.2
65.0	35.2	35.9	36.2	36.2	36.4	36.4	35.8	33.6	31.2	29.7	29.1	27.8	25.5	22.2	18.9
70.0	28.6	28.8	28.4	27.7	28.5	29.1	28.9	26.8	24.7	22.8	22.3	19.2	18.7	17.2	14.4
75.0	17.6	19.0	18.4	16.8	18.5	19.1	17.7	17.8	16.9	15.4	15.1	14.6	13.7	11.6	9.85
80.0	13.2	12.2	10.8	9.36	11.0	12.5	13.8	12.0	10.2	8.80	8.87	8.90	8.82	8.43	8.24
85.0	9.31	7.66	5.94	4.16	5.96	7.70	9.37	8.01	6.55	5.08	5.55	6.00	6.35	5.68	4.78
90.0	1.04	0.75	0.46	0.17	0.47	0.77	1.07	0.77	0.47	0.17	0.48	0.80	1.11	0.80	0.49

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2020年06月23日

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.750 m
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: BAE S.A.			
Address:			
NAME: SPORT 150 L60		TYPE:	WEIGHT:
SPECIFICATION:	CCT (K) : 5000	DIMENSION:	SERIAL No.:

UNIT: ×10cd

H (DEG) V (DEG)	60	65	70	75	80	85	90
-90.0	1.03	0.74	0.45	0.16	0.43	0.69	0.96
-85.0	4.29	2.05	0.80	0.18	0.47	0.72	0.96
-80.0	9.15	6.77	3.59	0.69	0.59	0.77	0.96
-75.0	9.80	8.69	6.86	3.04	1.24	0.85	0.96
-70.0	13.0	9.98	8.34	5.88	2.61	0.99	0.96
-65.0	17.2	12.7	9.16	7.62	4.15	1.24	0.96
-60.0	17.7	15.9	10.8	8.27	5.78	1.71	0.96
-55.0	23.6	17.6	13.1	9.00	6.94	2.24	0.96
-50.0	26.4	21.0	15.1	10.1	7.78	2.77	0.96
-45.0	29.3	23.2	17.1	11.7	8.23	3.28	0.96
-40.0	31.6	25.2	19.0	13.1	8.61	3.75	0.96
-35.0	33.4	27.9	20.1	14.6	9.10	4.22	0.96
-30.0	34.9	29.9	21.5	15.7	9.65	4.73	0.96
-25.0	36.5	31.7	23.7	16.7	10.1	5.15	0.96
-20.0	38.4	33.4	24.9	17.6	10.5	5.43	0.96
-15.0	40.3	34.7	26.4	18.1	10.9	5.65	0.96
-10.0	42.1	35.8	27.3	18.4	11.2	5.81	0.96
-5.0	43.6	36.8	27.8	18.6	11.4	5.90	0.96
0.0	44.8	37.4	28.0	18.6	11.5	5.94	0.96
5.0	44.2	37.2	28.2	19.0	11.8	6.00	0.96
10.0	43.3	36.8	28.1	19.3	11.9	6.01	0.96
15.0	42.0	36.1	27.7	19.4	11.9	5.96	0.96
20.0	40.7	35.2	27.2	19.3	11.7	5.87	0.96
25.0	39.2	34.2	26.6	17.5	11.5	5.73	0.96
30.0	37.6	32.9	24.9	17.1	11.1	5.48	0.96
35.0	35.7	31.6	24.1	17.2	10.5	5.17	0.96
40.0	33.5	29.4	23.3	16.6	9.96	4.87	0.96
45.0	30.9	26.7	21.8	15.6	9.43	4.58	0.96
50.0	28.3	24.0	18.4	14.2	8.90	4.23	0.96
55.0	24.1	20.9	17.6	12.6	8.34	3.81	0.96
60.0	20.4	17.3	14.9	10.8	7.74	3.30	0.96
65.0	16.2	14.3	11.9	9.64	7.00	2.76	0.96
70.0	12.0	10.7	9.74	8.95	6.11	2.33	0.96
75.0	8.71	8.82	8.79	8.10	4.82	1.96	0.96
80.0	7.97	7.60	7.11	6.16	3.44	1.59	0.96
85.0	3.53	3.51	3.55	3.62	2.13	1.23	0.96
90.0	0.18	0.57	0.96	1.34	1.21	1.09	0.96

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2020年06月23日

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.750 m
 Remarks: