

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity		397.4 cd per klm.
(Luminaire orientation as tested.)		0.0 degrees vertical
		0.0 degrees horizontal

Beam Spread	At 10% of I _{max}	139.9V x 146.1H
	At 50% of I _{max}	104.8V x 112.1H
	At 90% of I _{max}	39.6V x 52.3H

Beam Flux	Total	1000.1 lumens per klm.
	To 10% of I _{max}	969.3 lumens per klm.
	To 50% of I _{max}	767.7 lumens per klm.
	To 90% of I _{max}	203.1 lumens per klm.

Upward LOR	1.7 %
Downward LOR	98.3 %

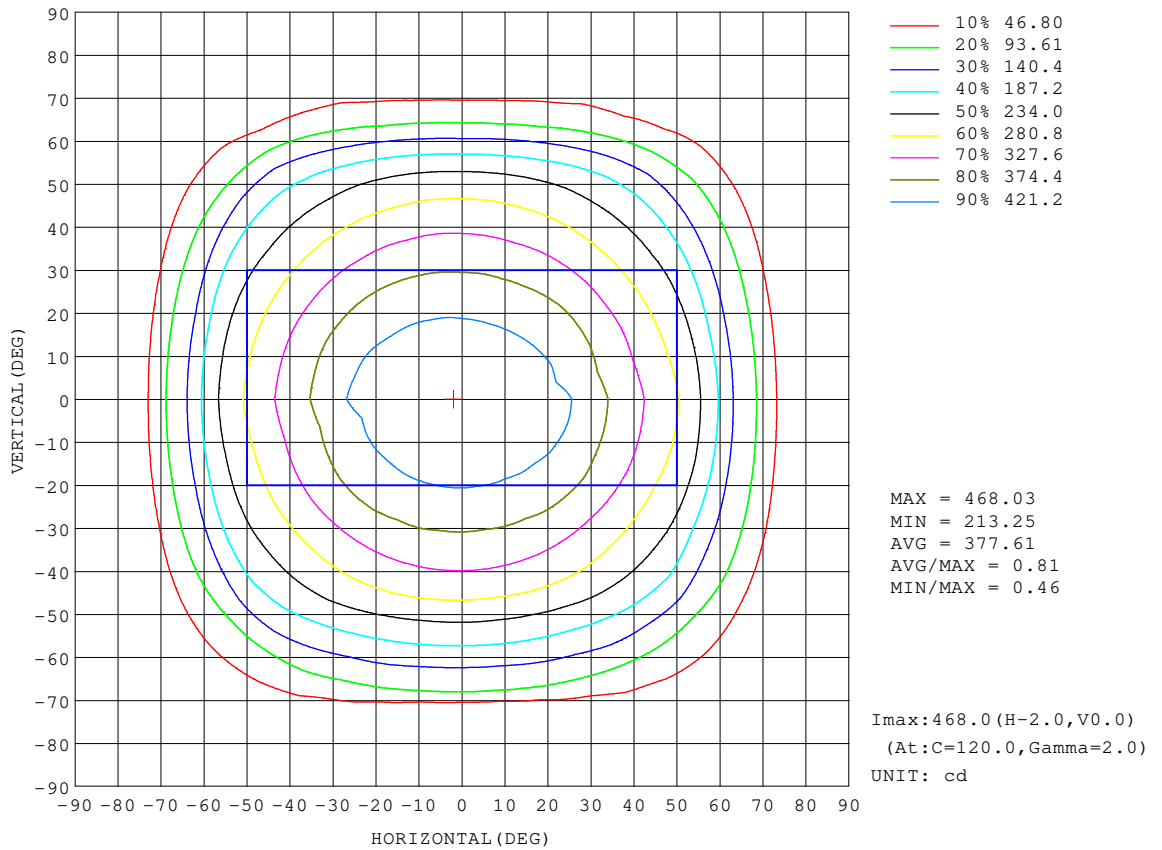
Luminaire Efficiency (Light Output Ratio)	100.0 %
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C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: eng. Laskov
Test Date: 05 June 2019

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.407.13
Humidity: 65.0%
Test Distance: 9.420m [K=1.0000]
Remarks: Kpuls = 99.98 %

ISOCANDELA DIAGRAM

Test:U:230.12V I:0.0445A P:9.9366W PF:0.9700 Freq:49.99Hz Lamp Flux:1177.6x1 lm		
NAME: Floodlight	TYPE:SKU 5988	WEIGHT:
SPEC.:CCT Green	DIM.:	SERIAL No.:
MFR.: V-TAC EUROPE	SUR.:	Shielding Angle:

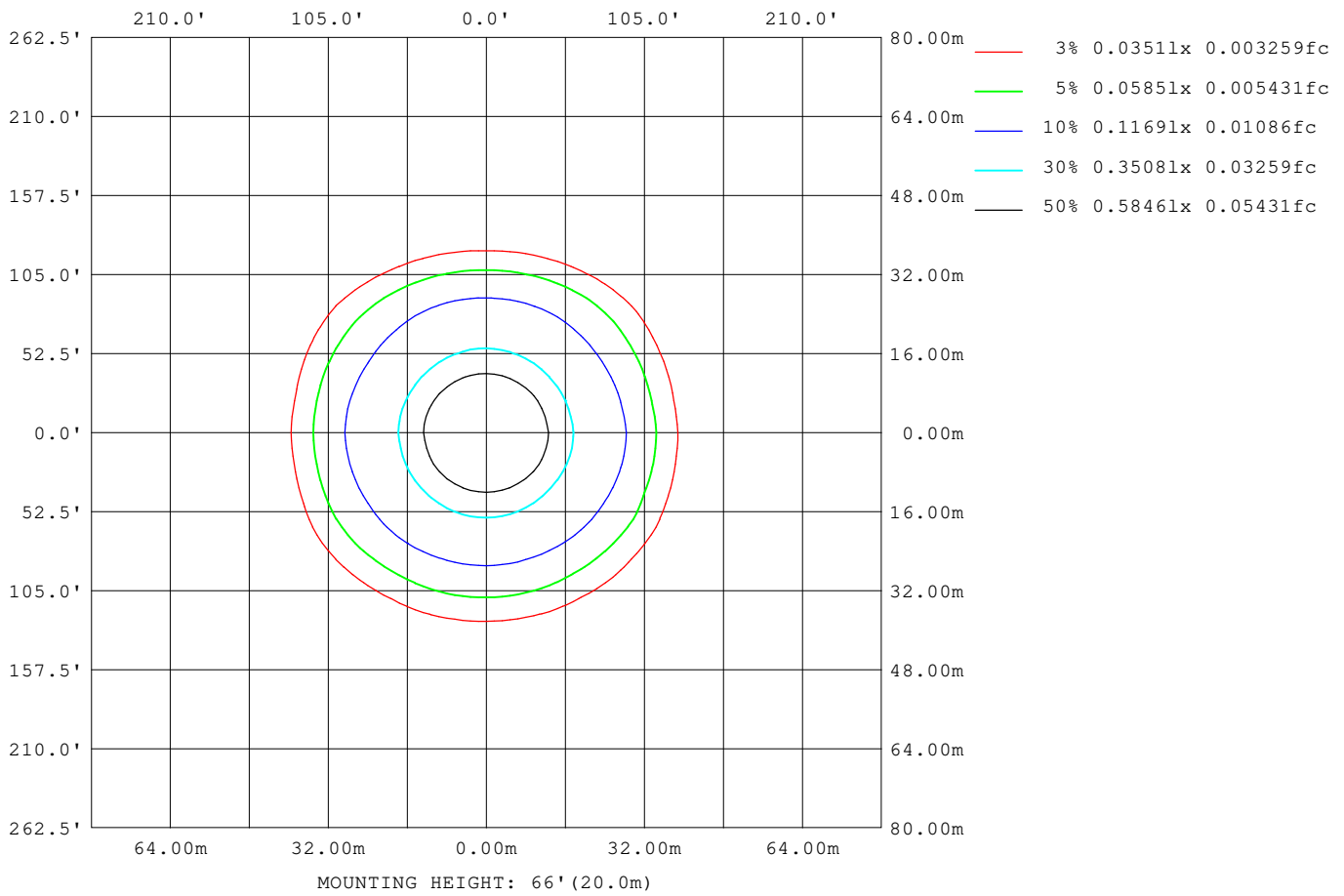


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Test Speed: HIGH
Temperature:25.3DEG
Operators:eng. Laskov
Test Date:05 June 2019

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Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.407.13
Humidity:65.0%
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ISOLUX DIAGRAM

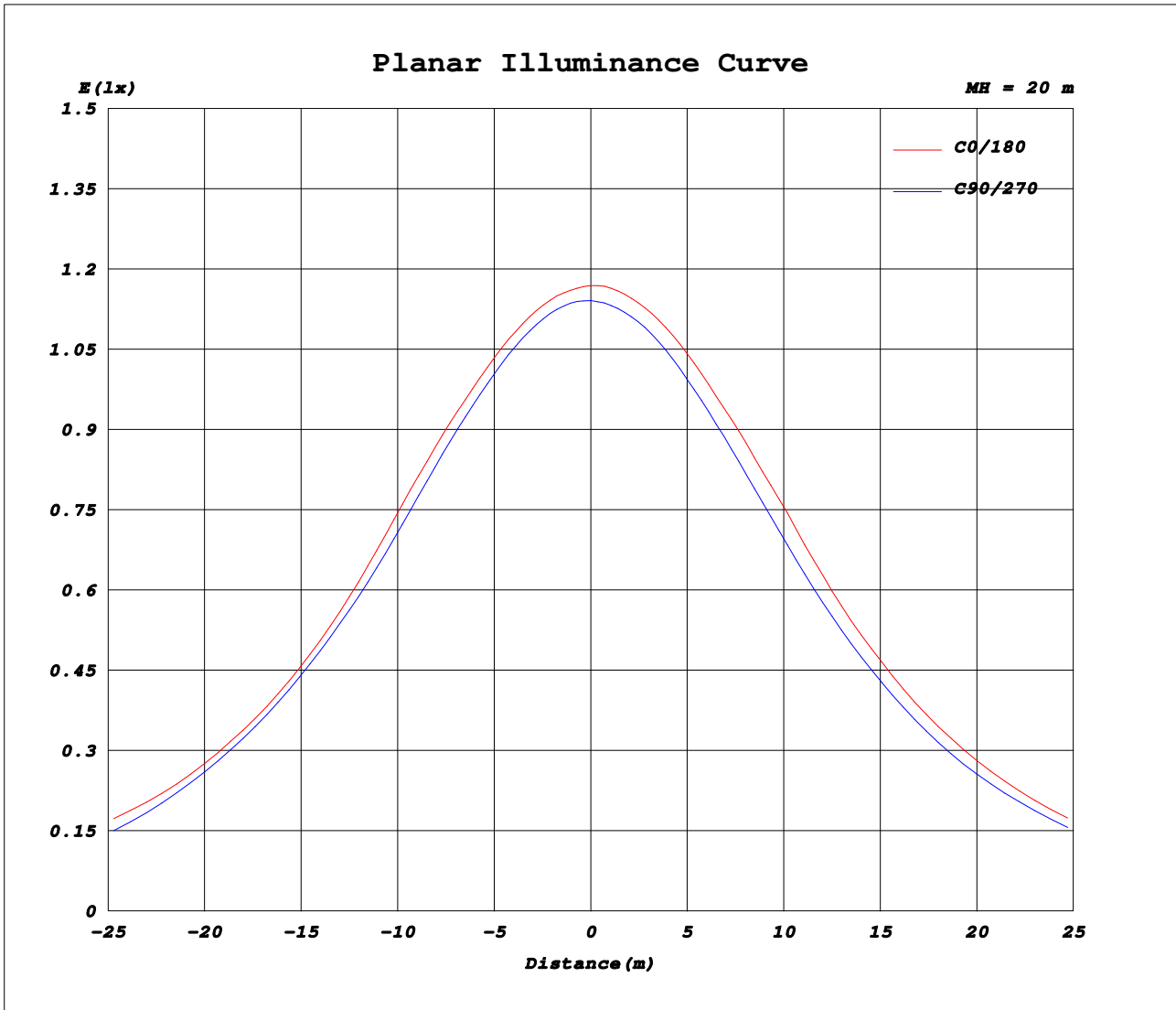
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Planar Illuminance Curve



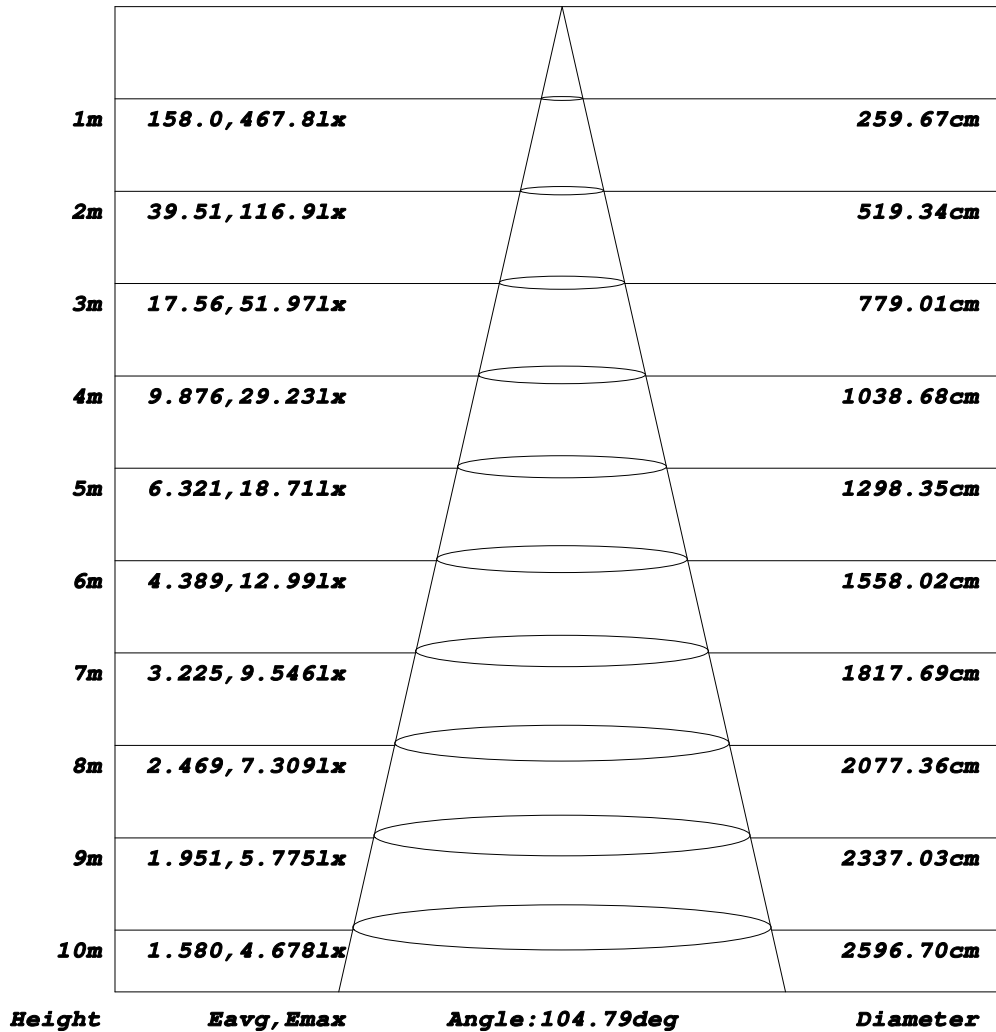
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AAI Figure

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SPEC.:CCT Green	DIM.:	SERIAL No.:
MFR.: V-TAC EUROPE	SUR.:	Shielding Angle:

Flux out:874.3 lm



Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 10.0DEG
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 Operators: eng. Laskov
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γ Range: 0 - 180DEG
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 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.407.13
 Humidity: 65.0%
 Test Distance: 9.420m [K=1.0000]
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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.12V I:0.0445A P:9.9366W PF:0.9700 Freq:49.99Hz Lamp Flux:1177.6x1 lm		
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MFR.: V-TAC EUROPE	SUR.:	Shielding Angle:

Table--1

UNIT: cd

H (DEG) \ V (DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-180	0.27	0.40	0.74	1.24	1.83	2.46	3.11	3.70	4.20	4.68	5.17	5.67	6.15	6.55	6.87	7.11	7.37	7.49	7.47
-170	0.27	0.44	0.81	1.32	1.91	2.52	3.14	3.71	4.23	4.71	5.07	5.36	5.61	5.81	6.04	6.23	6.35	6.44	6.53
-160	0.27	0.47	0.86	1.36	1.91	2.49	3.03	3.54	4.02	4.44	4.80	5.09	5.31	5.50	5.65	5.83	6.01	6.13	6.17
-150	0.27	0.49	0.89	1.35	1.85	2.29	2.75	3.20	3.64	4.03	4.35	4.64	4.88	5.07	5.23	5.39	5.51	5.58	5.62
-140	0.27	0.51	0.89	1.32	1.65	2.01	2.40	2.77	3.14	3.48	3.79	4.05	4.30	4.50	4.66	4.79	4.90	4.97	5.03
-130	0.27	0.52	0.88	1.20	1.43	1.69	1.97	2.25	2.54	2.82	3.09	3.32	3.53	3.71	3.86	3.98	4.09	4.17	4.21
-120	0.27	0.51	0.84	1.06	1.22	1.38	1.55	1.73	1.92	2.10	2.26	2.41	2.56	2.70	2.81	2.90	2.97	3.03	3.06
-110	0.27	0.50	0.81	0.92	1.02	1.11	1.19	1.28	1.37	1.45	1.53	1.61	1.69	1.74	1.78	1.83	1.86	1.89	1.90
-100	0.27	0.50	0.75	0.81	0.85	0.87	0.89	0.91	0.94	0.97	1.00	1.02	1.03	1.04	1.05	1.07	1.08	1.09	1.10
-90	0.27	0.51	0.75	0.76	0.76	0.74	0.73	0.72	0.72	0.71	0.70	0.68	0.66	0.64	0.63	0.61	0.59	0.58	0.58
-80	0.27	0.53	0.78	0.85	0.92	1.00	1.11	1.25	1.38	1.50	1.70	1.79	2.03	2.23	2.42	2.63	2.89	3.00	2.98
-70	0.27	0.55	0.85	1.09	1.69	3.01	7.29	11.8	17.4	25.7	31.4	40.5	43.6	51.9	53.1	55.6	54.1	54.2	52.1
-60	0.27	0.58	0.97	1.92	5.88	16.1	30.8	50.9	66.3	84.0	107	123	133	142	151	157	161	164	164
-50	0.27	0.60	1.51	5.53	18.5	40.0	73.0	93.9	131	161	182	198	213	224	234	241	247	251	252
-40	0.27	0.61	1.82	14.0	37.6	75.7	103	148	190	217	238	257	275	291	303	314	322	326	327
-30	0.27	0.62	3.07	18.7	49.6	95.0	137	192	228	254	278	301	321	340	355	365	374	377	379
-20	0.27	0.63	4.46	29.9	70.5	109	166	220	257	285	313	338	363	383	398	410	418	422	423
-10	0.27	0.61	5.60	35.0	81.4	120	187	239	275	304	334	359	386	408	424	435	443	447	449
0	0.27	0.58	6.02	36.9	84.9	125	196	250	287	319	348	376	404	428	443	455	463	467	468
10	0.27	0.57	5.50	34.5	80.8	120	187	241	276	308	337	364	391	412	427	437	444	447	446
20	0.27	0.55	3.99	28.2	68.9	108	166	220	256	285	313	337	360	380	396	406	413	417	416
30	0.27	0.51	2.32	18.0	47.9	93.0	136	191	226	252	276	299	319	336	351	361	368	372	372
40	0.27	0.47	1.55	11.9	36.0	72.4	100	146	186	213	235	254	272	286	298	308	315	319	319
50	0.27	0.43	1.18	4.43	16.5	37.9	68.1	91.0	127	160	183	200	216	230	241	250	256	259	260
60	0.27	0.38	0.58	1.49	4.62	13.0	24.6	40.6	55.2	72.6	92.1	108	119	128	137	143	147	149	148
70	0.27	0.33	0.43	0.66	1.25	2.11	3.75	7.48	10.0	16.5	18.2	24.9	27.6	33.9	33.8	36.7	37.6	37.4	35.0
80	0.27	0.28	0.32	0.39	0.48	0.60	0.73	0.87	1.02	1.13	1.18	1.26	1.27	1.25	1.22	1.19	1.10	1.09	1.07
90	0.27	0.25	0.24	0.23	0.22	0.22	0.22	0.21	0.20	0.19	0.18	0.17	0.16	0.16	0.15	0.15	0.15	0.16	0.16
100	0.27	0.25	0.27	0.29	0.31	0.34	0.37	0.41	0.43	0.45	0.47	0.50	0.52	0.53	0.54	0.55	0.55	0.57	0.59
110	0.27	0.27	0.33	0.40	0.49	0.59	0.70	0.82	0.94	1.05	1.17	1.27	1.36	1.46	1.53	1.58	1.62	1.65	1.67
120	0.27	0.29	0.40	0.54	0.71	0.94	1.17	1.40	1.61	1.82	2.04	2.22	2.37	2.49	2.60	2.69	2.76	2.81	2.84
130	0.27	0.32	0.48	0.71	1.00	1.32	1.65	1.99	2.32	2.63	2.88	3.11	3.31	3.48	3.63	3.75	3.84	3.91	3.95
140	0.27	0.34	0.56	0.88	1.26	1.68	2.11	2.55	2.96	3.30	3.60	3.88	4.15	4.37	4.56	4.72	4.84	4.91	4.96
150	0.27	0.37	0.63	1.03	1.50	1.99	2.52	3.03	3.45	3.84	4.21	4.56	4.90	5.19	5.47	5.66	5.79	5.88	5.93
160	0.27	0.39	0.69	1.15	1.68	2.25	2.84	3.37	3.83	4.27	4.68	5.11	5.52	5.89	6.18	6.40	6.57	6.66	6.68
170	0.27	0.40	0.72	1.21	1.79	2.40	3.03	3.60	4.08	4.55	5.02	5.49	5.94	6.36	6.67	6.94	7.14	7.22	7.22
180	0.27	0.40	0.74	1.24	1.83	2.46	3.11	3.70	4.20	4.68	5.17	5.67	6.15	6.55	6.87	7.11	7.37	7.49	7.45

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:eng. Laskov
Test Date:05 June 2019

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.407.13
Humidity:65.0%
Test Distance:9.420m [K=1.0000]
Remarks: Kpuls =99.98 %

LUMINOUS DISTRIBUTION INTENSITY DATA

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NAME: Floodlight	TYPE:SKU 5988	WEIGHT:
SPEC.:CCT Green	DIM.:	SERIAL No.:
MFR.: V-TAC EUROPE	SUR.:	Shielding Angle:

Table--2

UNIT: cd

H (DEG) \ V (DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-180	7.15	6.72	6.55	6.38	6.15	5.89	5.68	5.38	5.04	4.61	4.09	3.50	2.89	2.30	1.77	1.35	1.00	0.78
-170	6.52	6.44	6.37	6.19	5.96	5.76	5.54	5.24	4.91	4.47	3.98	3.40	2.82	2.25	1.74	1.33	0.99	0.78
-160	6.17	6.06	5.93	5.74	5.64	5.47	5.24	4.96	4.61	4.20	3.74	3.20	2.65	2.13	1.67	1.29	0.98	0.78
-150	5.60	5.57	5.46	5.34	5.20	5.01	4.79	4.52	4.19	3.82	3.39	2.89	2.42	1.95	1.56	1.23	0.96	0.78
-140	5.00	4.95	4.88	4.77	4.62	4.44	4.21	3.96	3.66	3.30	2.90	2.51	2.12	1.74	1.43	1.16	0.93	0.78
-130	4.20	4.14	4.05	3.95	3.80	3.64	3.45	3.22	2.94	2.65	2.36	2.07	1.77	1.51	1.28	1.07	0.90	0.78
-120	3.05	3.01	2.95	2.87	2.77	2.65	2.50	2.34	2.18	2.01	1.81	1.64	1.46	1.29	1.13	0.99	0.87	0.78
-110	1.90	1.89	1.86	1.82	1.78	1.73	1.67	1.61	1.52	1.44	1.35	1.26	1.16	1.08	0.99	0.91	0.83	0.78
-100	1.10	1.10	1.09	1.08	1.08	1.07	1.05	1.03	1.01	0.98	0.96	0.94	0.91	0.89	0.86	0.83	0.81	0.78
-90	0.57	0.56	0.58	0.60	0.61	0.62	0.64	0.65	0.68	0.70	0.71	0.72	0.74	0.75	0.76	0.78	0.78	0.78
-80	2.87	2.67	2.46	2.16	1.99	1.93	1.72	1.62	1.41	1.30	1.19	1.10	1.02	0.94	0.87	0.83	0.80	0.78
-70	51.7	49.8	48.8	45.0	41.4	36.2	31.9	26.1	21.0	14.4	9.45	5.31	2.12	1.44	1.07	0.91	0.82	0.78
-60	162	159	155	148	138	128	116	99.1	79.6	63.6	49.2	30.0	15.0	5.31	1.63	1.03	0.85	0.78
-50	249	244	237	229	217	205	190	171	148	119	91.5	70.3	39.1	18.0	4.69	1.29	0.89	0.78
-40	325	320	312	301	288	272	253	233	210	179	138	103	73.8	38.4	12.3	1.66	0.93	0.78
-30	376	372	364	353	337	317	296	273	250	220	177	130	94.8	51.2	20.0	1.91	0.97	0.78
-20	421	416	409	398	382	361	335	309	281	255	209	155	110	69.4	26.9	3.44	0.99	0.78
-10	448	444	437	428	411	387	360	333	304	275	233	176	119	79.4	34.7	4.89	1.00	0.78
0	465	460	451	440	424	397	369	340	312	284	241	183	122	82.8	37.2	5.14	1.00	0.78
10	443	437	429	419	402	378	351	325	297	271	227	171	117	77.6	33.8	4.61	0.95	0.78
20	414	409	400	389	373	350	327	302	275	248	203	150	105	64.5	24.5	3.08	0.90	0.78
30	370	364	356	345	329	311	290	267	244	213	173	125	90.5	47.1	18.3	1.64	0.83	0.78
40	317	312	304	293	280	265	247	227	203	169	131	98.4	69.6	36.5	10.5	1.29	0.76	0.78
50	258	253	246	237	225	211	194	172	146	117	91.4	67.9	39.0	16.7	3.48	0.84	0.69	0.78
60	148	145	141	134	125	115	101	86.0	71.3	57.7	41.4	26.4	13.8	4.42	1.04	0.57	0.63	0.78
70	36.9	36.7	35.6	32.3	31.5	26.0	24.7	18.6	17.3	10.2	7.60	3.09	1.32	0.83	0.52	0.42	0.57	0.78
80	1.08	1.08	1.11	1.11	1.06	1.02	0.99	0.87	0.80	0.72	0.63	0.54	0.45	0.39	0.34	0.30	0.53	0.78
90	0.16	0.16	0.17	0.18	0.18	0.18	0.19	0.20	0.21	0.22	0.22	0.22	0.22	0.22	0.23	0.23	0.51	0.78
100	0.59	0.59	0.59	0.58	0.58	0.57	0.56	0.54	0.51	0.48	0.44	0.41	0.37	0.32	0.29	0.28	0.53	0.78
110	1.67	1.65	1.62	1.59	1.54	1.46	1.37	1.27	1.14	1.01	0.89	0.76	0.62	0.50	0.41	0.36	0.57	0.78
120	2.83	2.80	2.75	2.68	2.58	2.46	2.32	2.15	1.95	1.72	1.48	1.22	0.98	0.74	0.55	0.49	0.62	0.78
130	3.93	3.89	3.82	3.70	3.56	3.40	3.21	2.99	2.73	2.45	2.10	1.72	1.37	1.03	0.71	0.62	0.68	0.78
140	4.95	4.89	4.78	4.64	4.45	4.22	3.97	3.68	3.38	3.04	2.66	2.19	1.74	1.29	0.90	0.78	0.74	0.78
150	5.90	5.84	5.71	5.53	5.29	4.99	4.63	4.28	3.90	3.50	3.08	2.60	2.06	1.54	1.17	0.93	0.81	0.78
160	6.68	6.61	6.45	6.22	5.91	5.56	5.15	4.72	4.29	3.86	3.41	2.90	2.33	1.85	1.41	1.09	0.88	0.78
170	7.21	7.12	6.91	6.64	6.32	5.92	5.49	5.01	4.56	4.16	3.73	3.23	2.66	2.11	1.61	1.23	0.94	0.78
180	7.15	6.72	6.55	6.38	6.15	5.89	5.68	5.38	5.04	4.61	4.09	3.50	2.89	2.30	1.77	1.35	1.00	0.78

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