

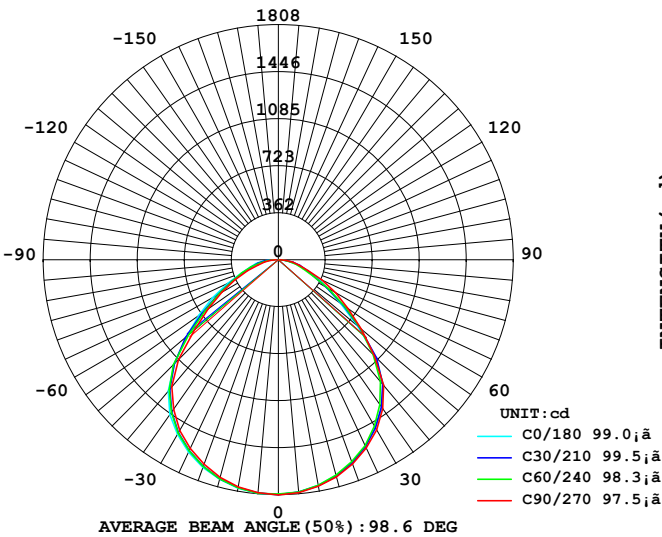
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

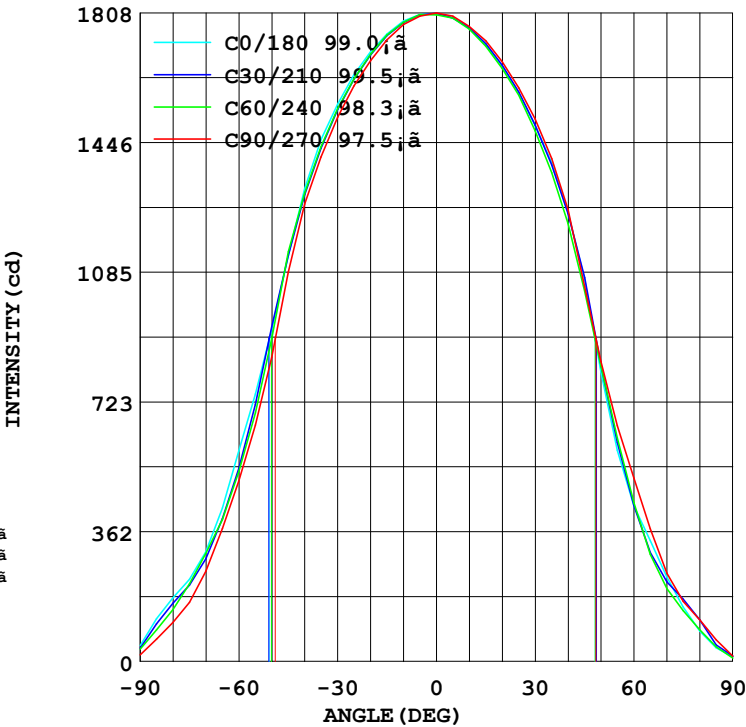
MANUFACTURER: DIVINITY LIGHTS		
Address:		
NAME: XTREME 145 PRISMATIC	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 800 MA	DIMENSION: 1200*145*27 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	1808	S/MH (C0/180)	1.28
MODEL	XTREME 145 PRISMATIC	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.24
NOMINAL POWER (W)	34	TOTAL FLUX (lm)	4342.4	Voltage (V)	219.8
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	125.5	Current (A)	0.158
NOMINAL FLUX (lm)	4342.4	η up (%)	0.0	Power (W)	34.59
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.991
TEST VOLTAGE (V)	219.9	Effictive Flux (lm)	4200.5	EEI	0.112

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-16-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 5700K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address:		
NAME: XTREME 145 PRISMATIC	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 800 MA	DIMENSION: 1200*145*27 MM	SERIAL No.:

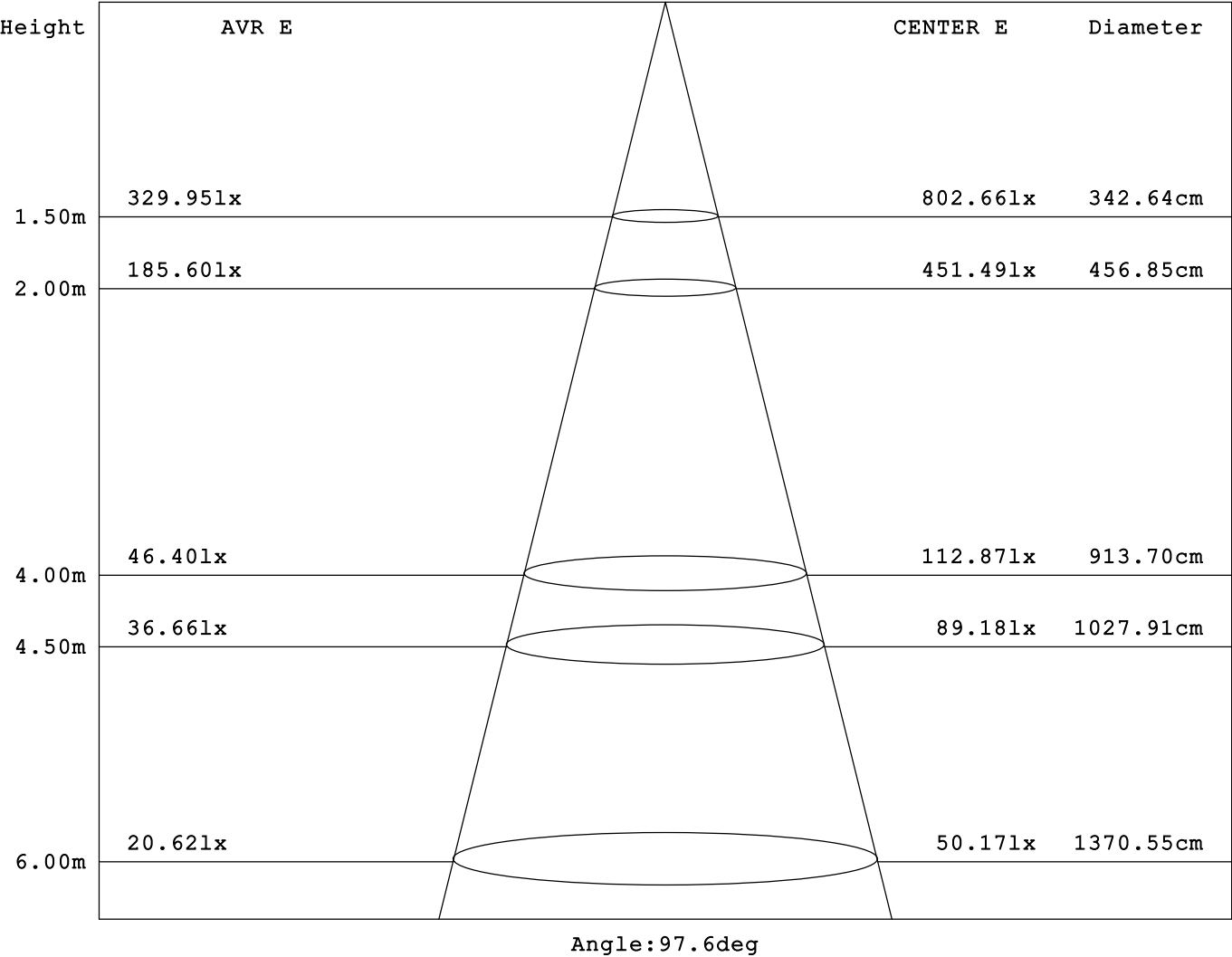
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-16-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 5700K

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address:		
NAME: XTREME 145 PRISMATIC	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 800 MA	DIMENSION: 1200*145*27 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-16-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 5700K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address:		
NAME: XTREME 145 PRISMATIC	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 800 MA	DIMENSION: 1200*145*27 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	1785	1781	1776	1765	1763	1764	1770	1778	0- 10	170.7	170.7
20.0	1699	1691	1675	1661	1660	1658	1672	1686	10- 20	488.6	659.4
30.0	1554	1540	1517	1492	1494	1487	1513	1528	20- 30	738.4	1398
40.0	1318	1303	1275	1244	1252	1235	1260	1290	30- 40	876.5	2274
50.0	924.2	915.8	847.5	838.9	805.8	823.8	835.4	894.9	40- 50	831.4	3106
60.0	586.6	532.9	502.7	450.9	432.9	437.9	510.4	520.5	50- 60	598.5	3704
70.0	305.5	293.3	251.3	223.0	235.0	212.4	245.9	285.7	60- 70	362.4	4067
80.0	176.7	153.2	107.9	105.4	84.48	101.6	115.8	146.4	70- 80	197.2	4264
90.0	44.54	35.72	18.71	19.31	12.63	12.06	14.33	25.87	80- 90	78.28	4342
100.0									90-100		
110.0									100-110		
120.0									110-120		
130.0									120-130		
140.0									130-140		
150.0									140-150		
160.0									150-160		
170.0									160-170		
180.0									170-180		
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-16-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 5700K

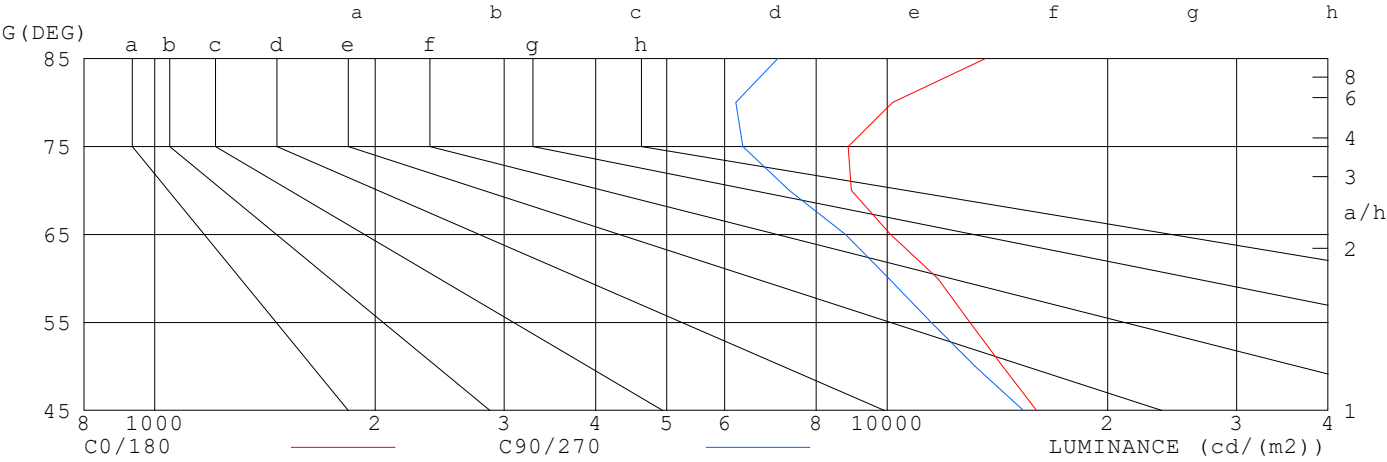
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address:		
NAME: XTREME 145 PRISMATIC	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 800 MA	DIMENSION: 1200*145*27 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		2000	1000	500	<=300				
1.15	A								
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	13625	7091
80	10178	6218
75	8851	6353
70	8933	7349
65	10116	8772
60	11732	10055
55	12987	11490
50	14379	13185
45	16001	15361

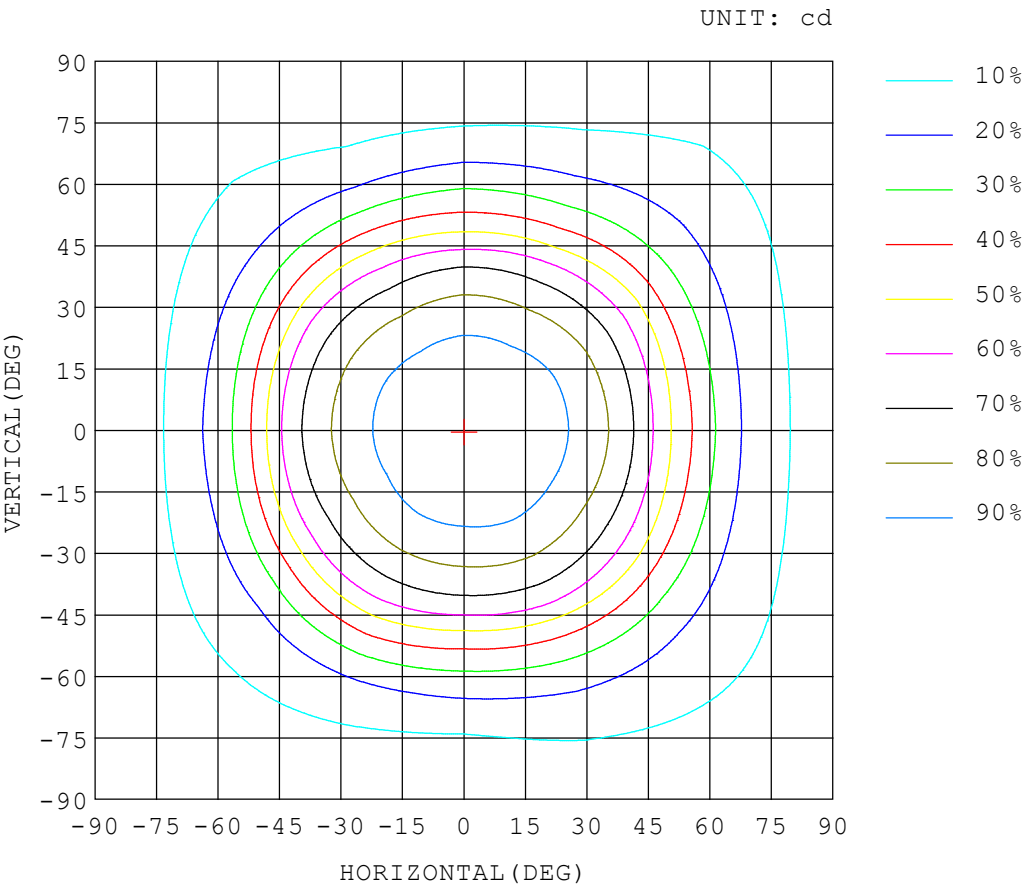
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-16-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address:		
NAME: XTREME 145 PRISMATIC	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 800 MA	DIMENSION: 1200*145*27 MM	SERIAL No.:



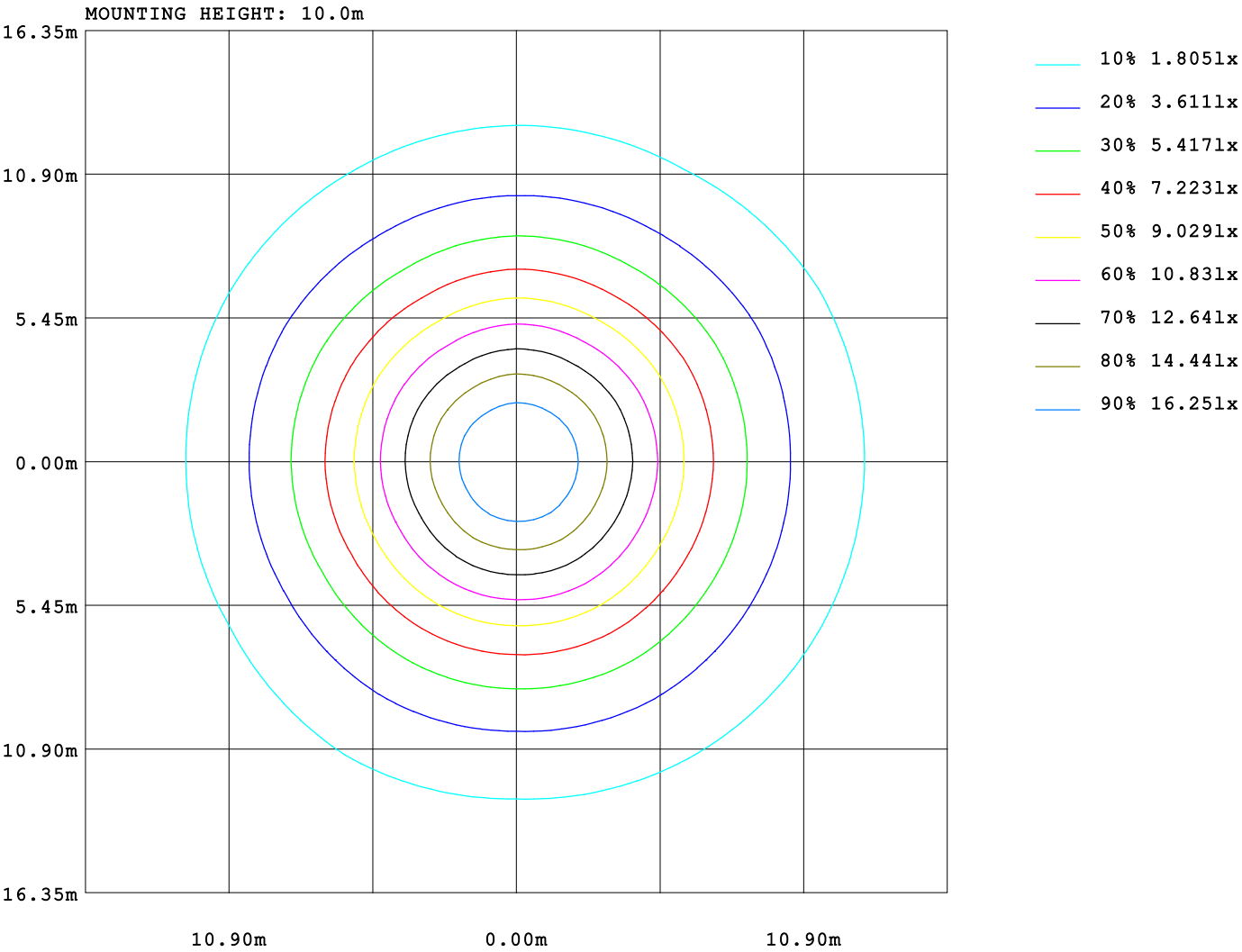
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-16-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address:		
NAME: XTREME 145 PRISMATIC	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 800 MA	DIMENSION: 1200*145*27 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-16-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 5700K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																			
Address:																			
NAME: XTREME 145 PRISMATIC										TYPE: 5700K CRI-90					WEIGHT:				
SPECIFICATION: FULHAM 800 MA										DIMENSION: 1200*145*27 MM					SERIAL No.:				

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm			Φ t	Φ a
	0.04	0.17	0.35	0.56	0.77	0.96	1.20	1.52	1.79	1.91	1.85	1.69	1.60	1.52	1.30	0.91	0.48	0.14	18.8	0.00			
90																							
80	0.06	0.29	0.81	1.60	2.32	2.93	3.61	4.45	5.08	5.32	5.11	4.58	3.97	3.33	2.58	1.66	0.79	0.18	48.7	13.6			
70	0.07	0.47	1.44	2.77	4.02	5.44	7.18	9.28	10.8	11.2	10.2	8.74	7.08	5.37	3.76	2.28	1.04	0.22	91.6	82.4			
60	0.09	0.67	2.01	3.79	6.21	9.65	13.6	17.4	19.7	19.9	18.0	14.9	11.5	8.18	5.20	2.84	1.26	0.26	156	152			
50	0.11	0.85	2.52	5.15	9.57	15.8	22.5	27.9	31.1	31.4	28.7	23.6	17.7	11.7	6.93	3.47	1.45	0.30	241	239			
40	0.12	1.01	3.09	6.85	13.6	23.0	31.5	37.7	41.5	41.9	38.8	33.0	24.9	16.1	8.87	4.15	1.60	0.32	329	327			
30	0.14	1.14	3.64	8.52	17.7	29.0	37.8	44.0	47.7	48.0	44.9	39.2	30.8	20.1	10.7	4.80	1.74	0.34	391	389			
	0.14	1.23	4.08	9.85	20.8	32.5	41.6	48.1	51.7	52.0	49.0	43.0	34.2	22.8	12.2	5.34	1.84	0.35	431	430			
	0.15	1.28	4.33	10.5	22.3	34.2	43.3	50.1	53.8	54.1	51.0	44.7	35.7	24.1	13.0	5.65	1.89	0.36	451	450			
	0.15	1.27	4.31	10.5	22.3	34.1	43.2	50.0	53.8	54.2	50.9	44.6	35.7	24.1	13.0	5.64	1.89	0.36	450	449			
	0.14	1.22	4.03	9.75	20.6	32.2	41.3	48.1	51.9	52.3	49.1	42.8	33.9	22.6	12.1	5.28	1.82	0.35	430	429			
-30	0.13	1.11	3.56	8.37	17.4	28.7	37.9	44.5	48.0	48.4	45.6	39.4	30.6	19.9	10.6	4.71	1.71	0.34	391	390			
-40	0.12	0.98	3.00	6.62	13.3	23.0	32.3	38.7	42.0	42.4	39.7	33.9	25.2	15.9	8.69	4.02	1.57	0.32	332	330			
-50	0.10	0.81	2.43	4.87	9.44	16.2	23.7	29.3	32.2	32.5	30.1	24.8	18.1	11.6	6.66	3.32	1.41	0.29	248	246			
-60	0.09	0.63	1.89	3.62	6.19	10.1	14.7	18.2	20.0	20.2	18.7	15.8	11.9	8.12	4.89	2.71	1.23	0.26	160	155			
-70	0.07	0.43	1.31	2.62	4.13	5.95	8.01	9.87	11.0	11.4	10.8	9.55	7.60	5.43	3.58	2.17	1.01	0.22	95.3	86.6			
-80	0.06	0.27	0.71	1.47	2.41	3.37	4.21	4.82	5.17	5.42	5.53	5.25	4.46	3.46	2.49	1.57	0.76	0.18	51.6	19.7			
-90	0.04	0.16	0.33	0.56	0.90	1.29	1.61	1.79	1.89	2.02	2.16	2.18	2.00	1.68	1.29	0.87	0.47	0.14	21.4	0.00			
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)				20	30	40	50	60	70	80	90			
Φ t	1.82	14.0	43.9	98.1	194	309	410	486	530	535	501	432	337	226	128	61.4	24.0	4.93	4342				
Φ a	0.00	2.87	34.0	88.8	185	300	401	477	521	526	492	424	329	218	120	53.4	15.0	0.00		4200			

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-16-2025

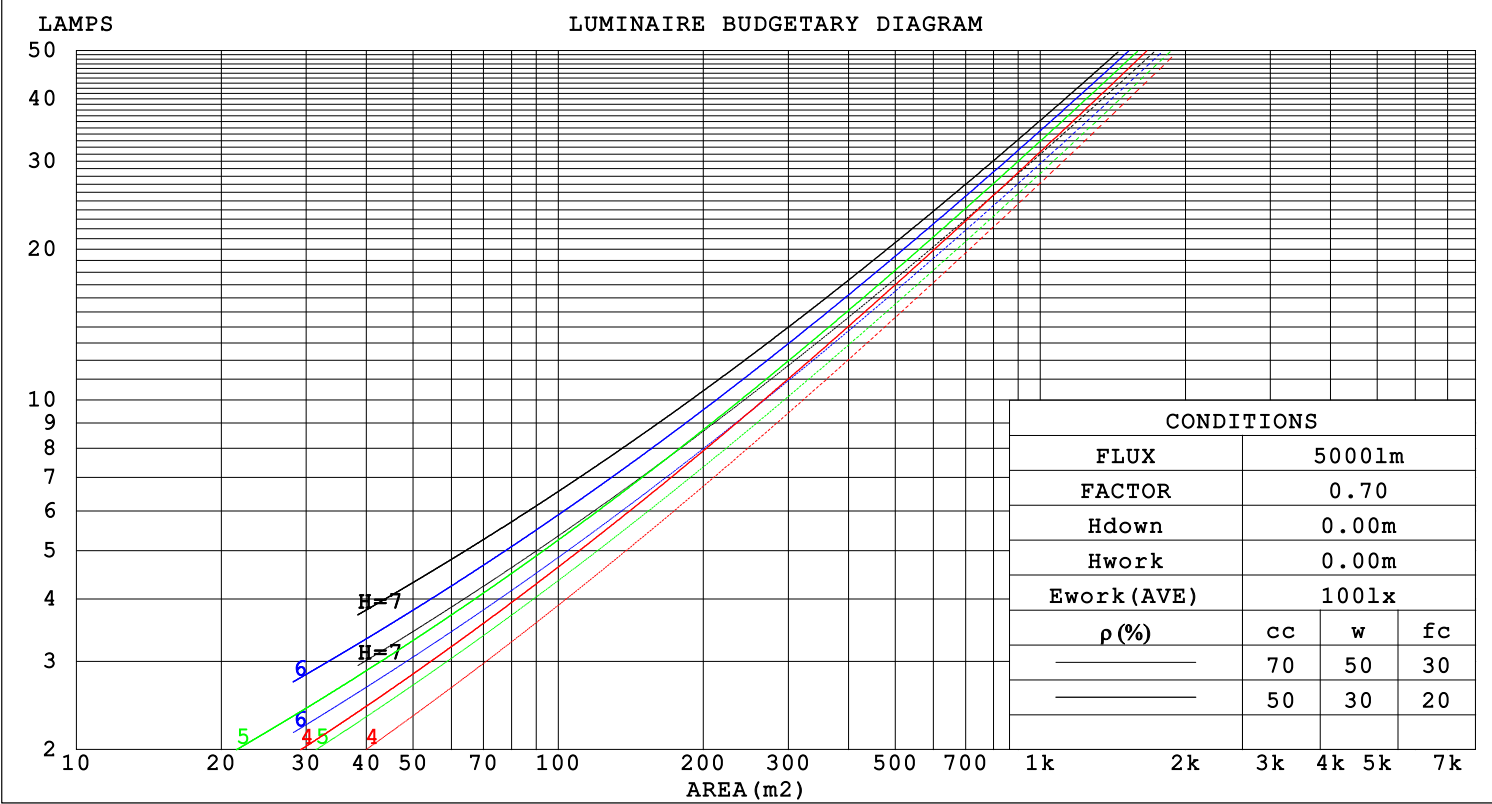
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 5700K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address:															
NAME: XTREME 145 PRISMATIC								TYPE: 5700K CRI-90				WEIGHT:			
SPECIFICATION: FULHAM 800 MA								DIMENSION: 1200*145*27 MM				SERIAL No.:			

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ffc	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	1.00
1.0	1.05	1.01	.98	1.03	.99	.96	.99	.96	.93	.95	.93	.90	.91	.89	.88	.86
2.0	.93	.87	.82	.91	.85	.81	.88	.83	.79	.84	.80	.77	.82	.78	.75	.73
3.0	.83	.75	.69	.81	.74	.68	.78	.72	.67	.76	.70	.66	.73	.69	.65	.63
4.0	.74	.66	.59	.73	.65	.59	.70	.64	.58	.68	.62	.57	.66	.61	.57	.55
5.0	.67	.58	.52	.65	.57	.52	.63	.56	.51	.61	.55	.50	.60	.54	.50	.48
6.0	.60	.52	.46	.59	.51	.45	.58	.50	.45	.56	.50	.45	.54	.49	.44	.42
7.0	.55	.47	.41	.54	.46	.41	.53	.45	.40	.51	.45	.40	.50	.44	.40	.38
8.0	.50	.42	.36	.50	.42	.36	.48	.41	.36	.47	.41	.36	.46	.40	.36	.34
9.0	.46	.38	.33	.46	.38	.33	.45	.38	.33	.43	.37	.33	.42	.37	.32	.31
10.0	.43	.35	.30	.42	.35	.30	.41	.34	.30	.40	.34	.30	.39	.34	.30	.28



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-16-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 5700K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address:															
NAME: XTREME 145 PRISMATIC								TYPE: 5700K CRI-90				WEIGHT:			
SPECIFICATION: FULHAM 800 MA								DIMENSION: 1200*145*27 MM				SERIAL No.:			

pcc	80%			70%			50%			30%			10%			0														
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0														
pfc	20%			20%			20%			20%			20%			0														
RCR	RCR:Room Cavity Ratio															Wall Exitance Coefficients(WEC)														
0.0																														
1.0	.282	.161	.051	.275	.157	.050	.262	.150	.048	.250	.144	.046	.239	.139	.045															
2.0	.267	.146	.045	.260	.143	.044	.249	.138	.043	.238	.134	.042	.229	.129	.041															
3.0	.249	.132	.040	.243	.130	.039	.233	.126	.038	.224	.123	.038	.215	.119	.037															
4.0	.231	.120	.035	.227	.119	.035	.218	.116	.035	.210	.113	.034	.202	.110	.033															
5.0	.216	.110	.032	.212	.109	.032	.204	.106	.031	.196	.104	.031	.189	.101	.030															
6.0	.201	.101	.029	.198	.100	.029	.191	.098	.028	.184	.096	.028	.178	.094	.028															
7.0	.189	.093	.026	.185	.092	.026	.179	.091	.026	.173	.089	.026	.168	.087	.026															
8.0	.177	.087	.024	.174	.086	.024	.168	.084	.024	.163	.083	.024	.158	.081	.024															
9.0	.167	.081	.023	.164	.080	.022	.159	.079	.022	.154	.077	.022	.150	.076	.022															
10.0	.157	.075	.021	.155	.075	.021	.150	.074	.021	.146	.073	.021	.142	.071	.020															

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.178	.156	.137	.153	.134	.118	.104	.092	.081	.060	.053	.047	.019	.017	.015	
2.0	.169	.132	.101	.145	.114	.087	.099	.079	.061	.057	.046	.036	.018	.015	.012	
3.0	.160	.114	.077	.137	.098	.067	.094	.068	.047	.055	.040	.028	.018	.013	.009	
4.0	.152	.101	.061	.131	.087	.053	.090	.061	.037	.052	.035	.022	.017	.012	.007	
5.0	.145	.090	.049	.125	.078	.043	.086	.054	.030	.050	.032	.018	.016	.010	.006	
6.0	.138	.082	.041	.119	.071	.036	.082	.049	.025	.048	.029	.015	.015	.010	.005	
7.0	.132	.075	.035	.113	.065	.030	.078	.045	.021	.045	.027	.013	.015	.009	.004	
8.0	.125	.069	.030	.108	.060	.026	.075	.042	.018	.043	.025	.011	.014	.008	.004	
9.0	.120	.064	.026	.103	.055	.023	.071	.039	.016	.042	.023	.010	.013	.008	.003	
10.0	.114	.060	.023	.098	.052	.020	.068	.036	.014	.040	.021	.009	.013	.007	.003	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-16-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 5700K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address:											
NAME: XTREME 145 PRISMATIC					TYPE: 5700K CRI-90			WEIGHT:			
SPECIFICATION: FULHAM 800 MA					DIMENSION: 1200*145*27 MM			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	21.5	22.9	21.7	23.1	23.3	21.1	22.6	21.4	22.8	22.9
	3H	22.4	23.7	22.7	23.9	24.1	22.0	23.3	22.2	23.5	23.7
	4H	22.8	24.1	23.1	24.3	24.6	22.3	23.5	22.6	23.8	24.0
	6H	23.4	24.6	23.7	24.8	25.1	22.5	23.7	22.8	24.0	24.2
	8H	23.7	24.8	24.0	25.1	25.4	22.6	23.8	23.0	24.0	24.3
	12H	24.0	25.1	24.3	25.3	25.6	22.7	23.8	23.1	24.1	24.4
4H	2H	21.8	23.0	22.1	23.3	23.5	21.5	22.8	21.8	23.0	23.3
	3H	22.9	24.0	23.2	24.3	24.6	22.6	23.7	22.9	24.0	24.3
	4H	23.5	24.5	23.9	24.8	25.1	23.1	24.0	23.4	24.4	24.7
	6H	24.3	25.1	24.7	25.5	25.8	23.5	24.3	23.9	24.7	25.0
	8H	24.7	25.5	25.1	25.9	26.2	23.6	24.5	24.1	24.8	25.2
	12H	25.0	25.8	25.5	26.2	26.6	23.8	24.5	24.2	24.9	25.3
8H	4H	23.7	24.5	24.1	24.9	25.3	23.3	24.1	23.7	24.5	24.9
	6H	24.7	25.4	25.1	25.8	26.2	23.9	24.6	24.4	25.0	25.4
	8H	25.3	25.9	25.7	26.3	26.7	24.2	24.8	24.7	25.2	25.7
	12H	25.7	26.3	26.2	26.7	27.2	24.5	25.0	24.9	25.4	25.9
12H	4H	23.7	24.5	24.2	24.9	25.3	23.4	24.1	23.8	24.5	24.9
	6H	24.8	25.4	25.2	25.8	26.2	24.0	24.6	24.5	25.1	25.5
	8H	25.4	25.9	25.9	26.4	26.8	24.4	24.9	24.9	25.4	25.9
Variations with the observer position at spacings:											
S = 1.0H	+ 0.3 / - 0.3					+ 0.3 / - 0.4					
1.5H	+ 0.1 / - 0.2					+ 0.2 / - 0.3					
2.0H	+ 0.4 / - 0.4					+ 0.5 / - 0.6					

CIE Pub.117 Corrected 4342 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.1)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-16-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 5700K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address:		
NAME: XTREME 145 PRISMATIC	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 800 MA	DIMENSION: 1200*145*27 MM	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) $k(RI) \times RCR = 5$									
$k = 0.60$	62	51	44	61	51	44	60	50	44	38
0.80	72	61	54	71	61	54	69	60	54	48
1.00	80	70	63	79	70	63	77	71	63	56
1.25	87	78	71	86	77	71	83	75	70	63
1.50	92	83	77	90	82	76	87	80	75	68
2.00	98	90	84	96	89	84	93	87	82	75
2.50	101	94	89	99	93	88	96	90	86	78
3.00	104	98	93	102	96	92	98	94	90	82
4.00	108	103	98	105	101	97	101	97	94	86
5.00	110	105	102	107	103	100	103	100	97	88
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

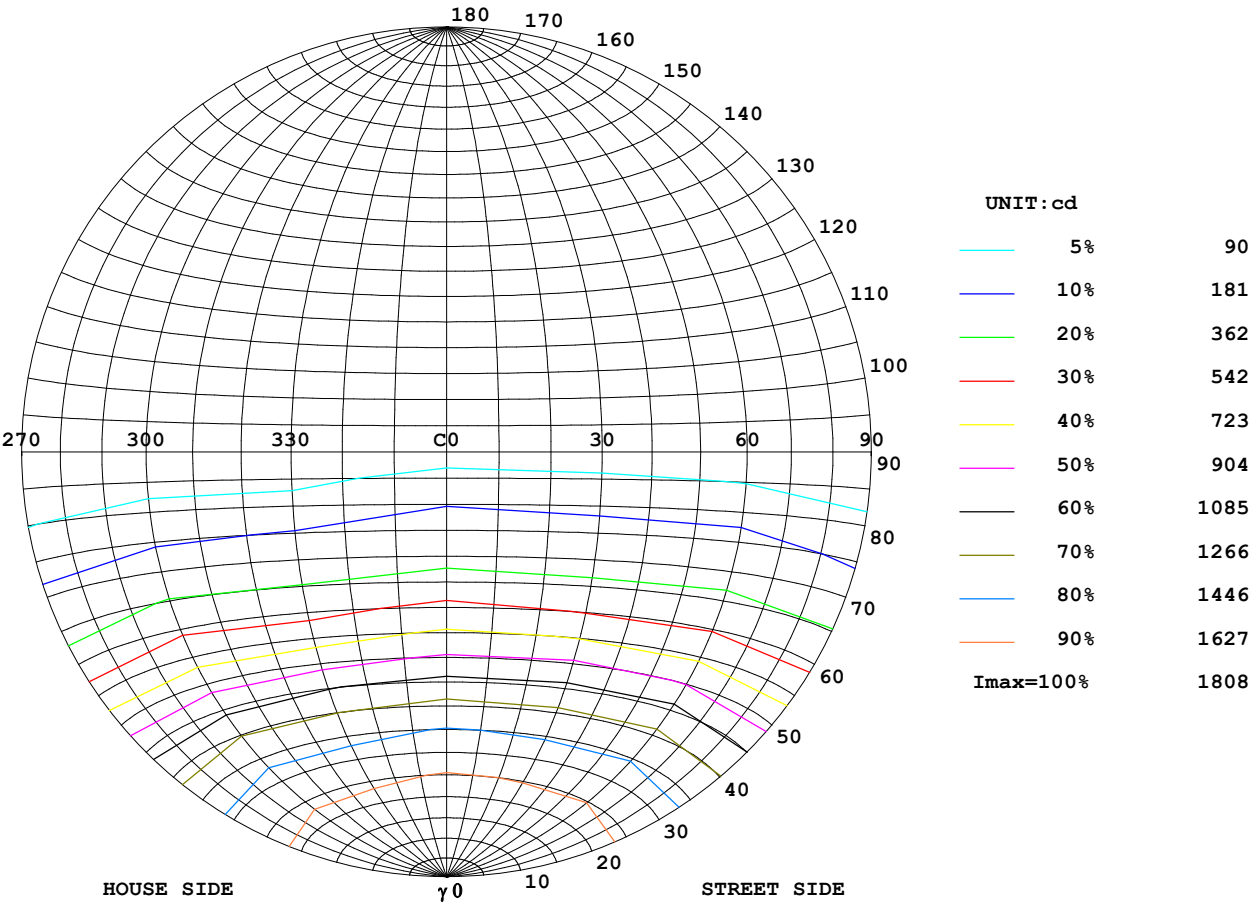
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 05-16-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.000 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address:		
NAME: XTREME 145 PRISMATIC	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 800 MA	DIMENSION: 1200*145*27 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-16-2025

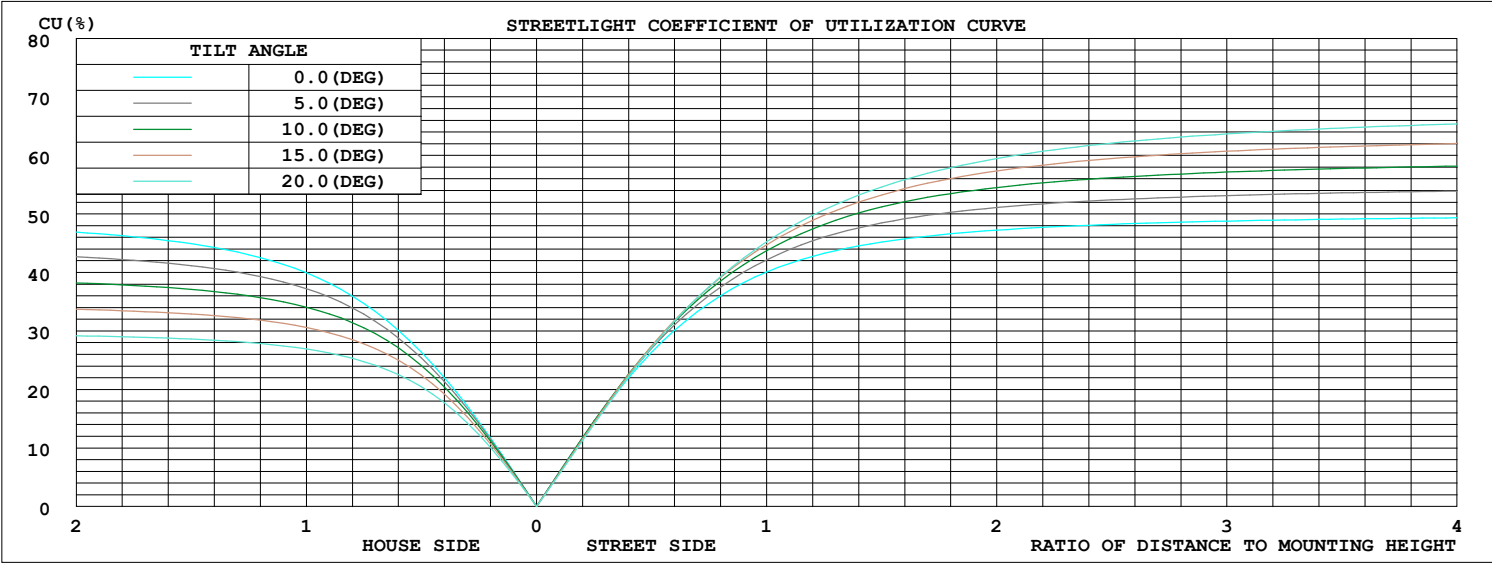
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address:		
NAME: XTREME 145 PRISMATIC	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 800 MA	DIMENSION: 1200*145*27 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 18.06 lx



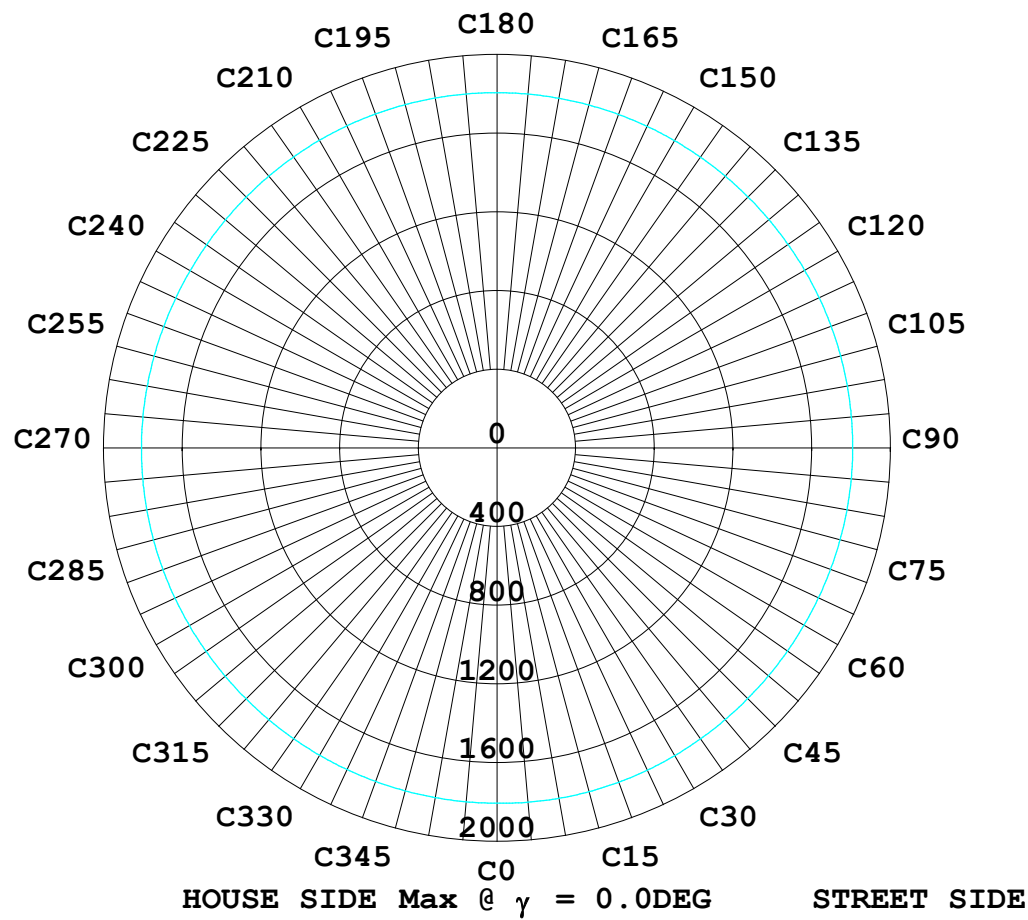
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-16-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address:		
NAME: XTREME 145 PRISMATIC	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 800 MA	DIMENSION: 1200*145*27 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-16-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 5700K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address:		
NAME: XTREME 145 PRISMATIC	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 800 MA	DIMENSION: 1200*145*27 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)												
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1806	1806	1802	1808	1806	1804	1806	1806	1802	1808	1806	1804
5.0	1803	1802	1803	1799	1797	1787	1794	1794	1793	1799	1797	1802
10.0	1785	1781	1782	1776	1769	1761	1763	1766	1763	1770	1773	1782
15.0	1748	1745	1746	1733	1730	1715	1718	1722	1715	1730	1732	1749
20.0	1699	1690	1693	1675	1670	1651	1660	1662	1653	1672	1675	1698
25.0	1635	1623	1623	1604	1597	1575	1585	1588	1578	1599	1603	1634
30.0	1554	1539	1541	1517	1504	1480	1494	1495	1479	1513	1512	1545
35.0	1454	1430	1435	1406	1392	1365	1390	1384	1363	1402	1402	1445
40.0	1318	1301	1305	1275	1260	1229	1252	1248	1221	1260	1264	1317
45.0	1131	1133	1142	1086	1093	1050	1064	1070	1031	1044	1079	1146
50.0	924	932	899	848	872	806	806	825	822	835	845	944
55.0	745	717	693	659	671	596	589	611	623	657	653	727
60.0	587	537	529	503	483	419	433	434	442	510	492	549
65.0	428	398	396	371	335	281	337	304	298	370	368	415
70.0	306	286	301	251	234	212	235	222	203	246	262	309
75.0	229	213	217	164	170	161	151	174	141	168	186	228
80.0	177	162	144	108	110	101	84.4	115	87.8	116	120	173
85.0	119	105	87.6	61.8	60.2	38.0	37.8	45.6	40.9	59.8	68.2	113
90.0	44.5	37.0	34.3	18.7	22.0	16.6	12.6	14.4	9.71	14.3	13.5	38.2

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
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Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
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