

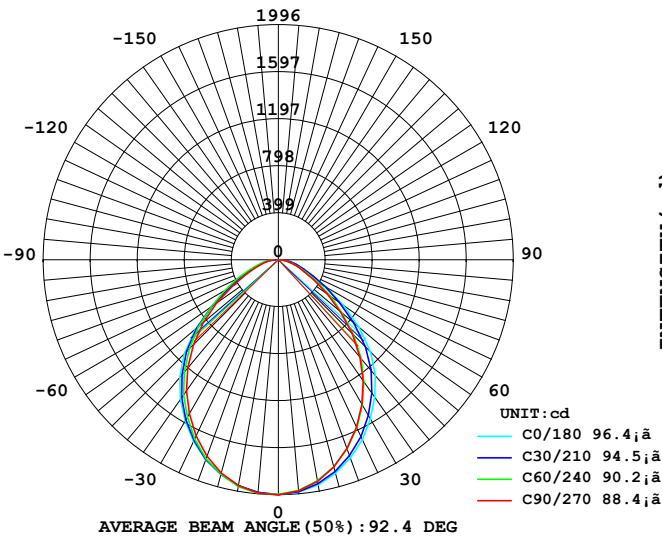
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

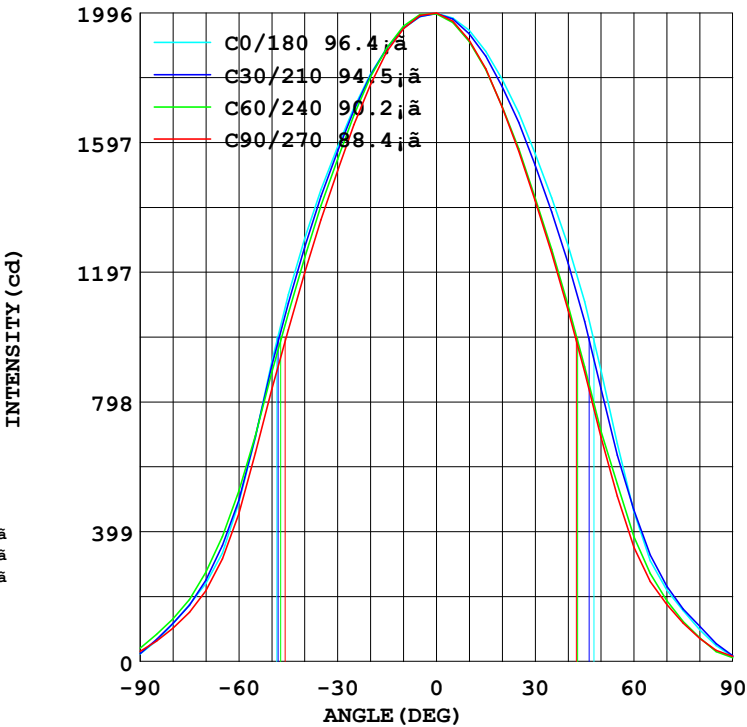
MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: XTREME 145 PEGGY PRISMATIC	TYPE: 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 1200*145*44 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	1996	S/MH (C0/180)	1.19
MODEL	XTREME 145 PEGGY PRISMATIC	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.14
NOMINAL POWER (W)	35	TOTAL FLUX (lm)	4255.4	Voltage (V)	219.3
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	122.5	Current (A)	0.160
NOMINAL FLUX (lm)	4255.4	η up (%)	0.0	Power (W)	34.75
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.969
TEST VOLTAGE (V)	219.4	Effective Flux (lm)	4068.0	EEI	0.116

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.500 m
Remarks: 5700K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: XTREME 145 PEGGY PRISMATIC	TYPE: 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 1200*145*44 MM	SERIAL No.:

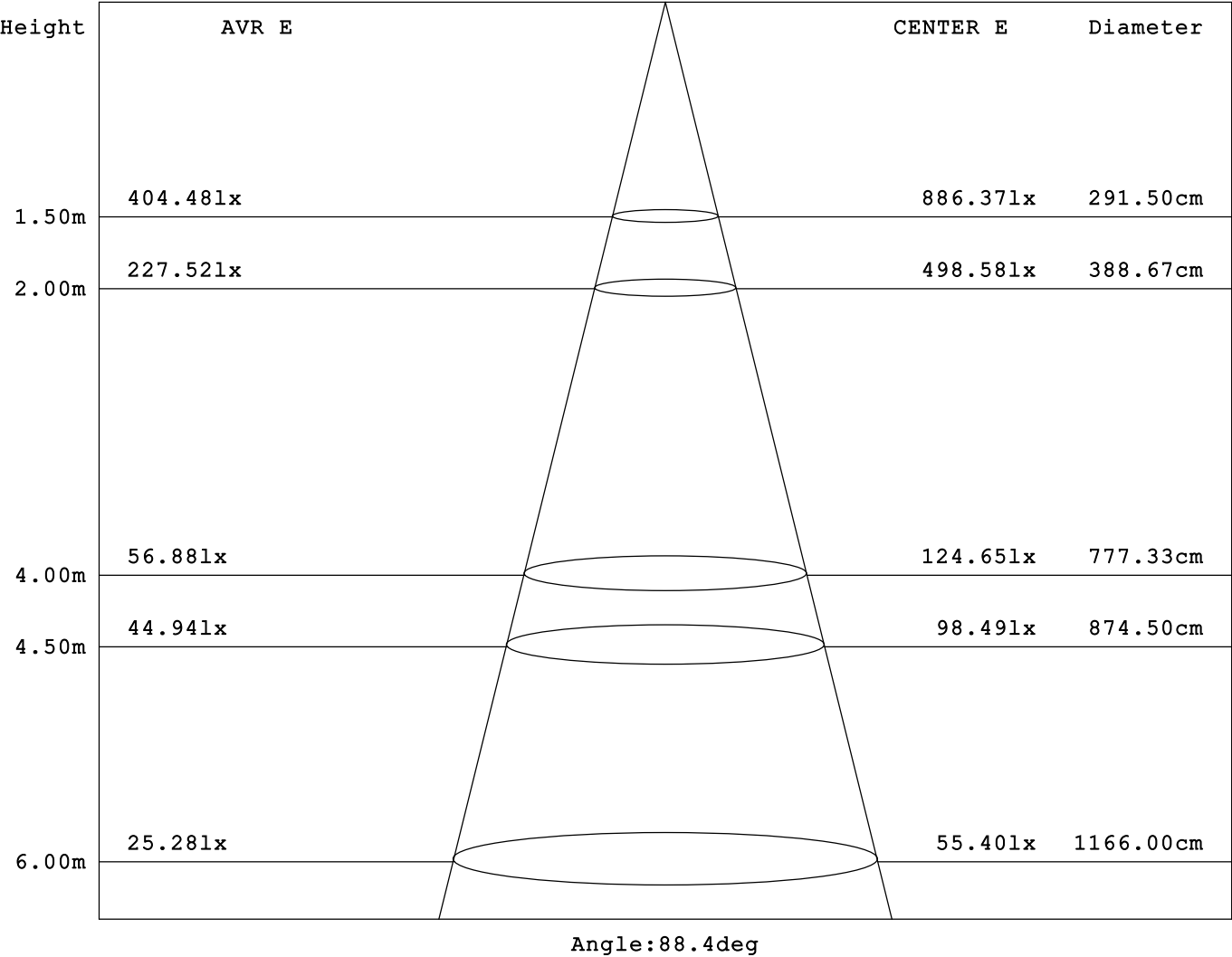
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.500 m
Remarks: 5700K

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: XTREME 145 PEGGY PRISMATIC	TYPE: 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 1200*145*44 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.500 m
Remarks: 5700K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: XTREME 145 PEGGY PRISMATIC	TYPE: 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 1200*145*44 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	1948	1952	1947	1949	1942	1920	1912	1919	0- 10	187.4	187.4
20.0	1808	1802	1776	1793	1791	1738	1706	1740	10- 20	524.8	712.3
30.0	1584	1557	1510	1547	1563	1477	1418	1481	20- 30	759.8	1472
40.0	1301	1258	1196	1246	1280	1161	1081	1166	30- 40	855.7	2328
50.0	920.8	898.9	836.2	884.6	895.0	774.0	690.0	780.2	40- 50	792.3	3120
60.0	488.1	509.2	453.8	500.3	460.6	424.1	351.2	424.8	50- 60	572.2	3693
70.0	240.0	261.6	216.8	255.9	219.1	208.6	174.5	208.6	60- 70	328.2	4021
80.0	115.5	123.3	102.2	120.7	97.33	89.79	70.35	90.39	70- 80	169.7	4191
90.0	23.40	32.53	30.54	30.94	14.67	13.82	15.73	14.01	80- 90	64.81	4255
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:03-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.500 m
Remarks: 5700K

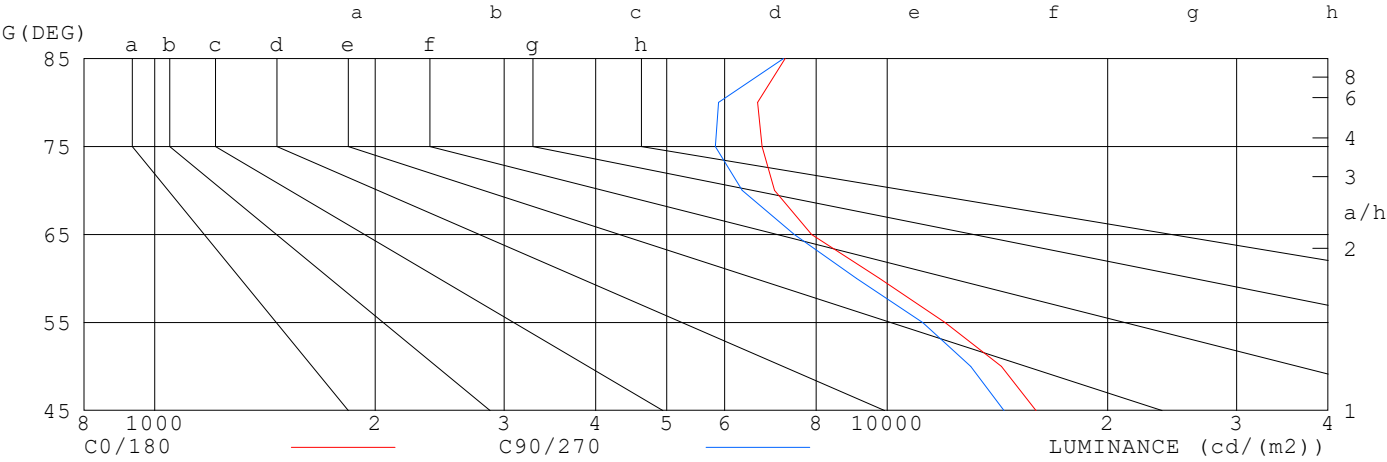
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: XTREME 145 PEGGY PRISMATIC	TYPE: 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 1200*145*44 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	7253	7223
80	6656	5887
75	6750	5825
70	7018	6341
65	7892	7473
60	9763	9078
55	12004	11180
50	14326	13009
45	15970	14439

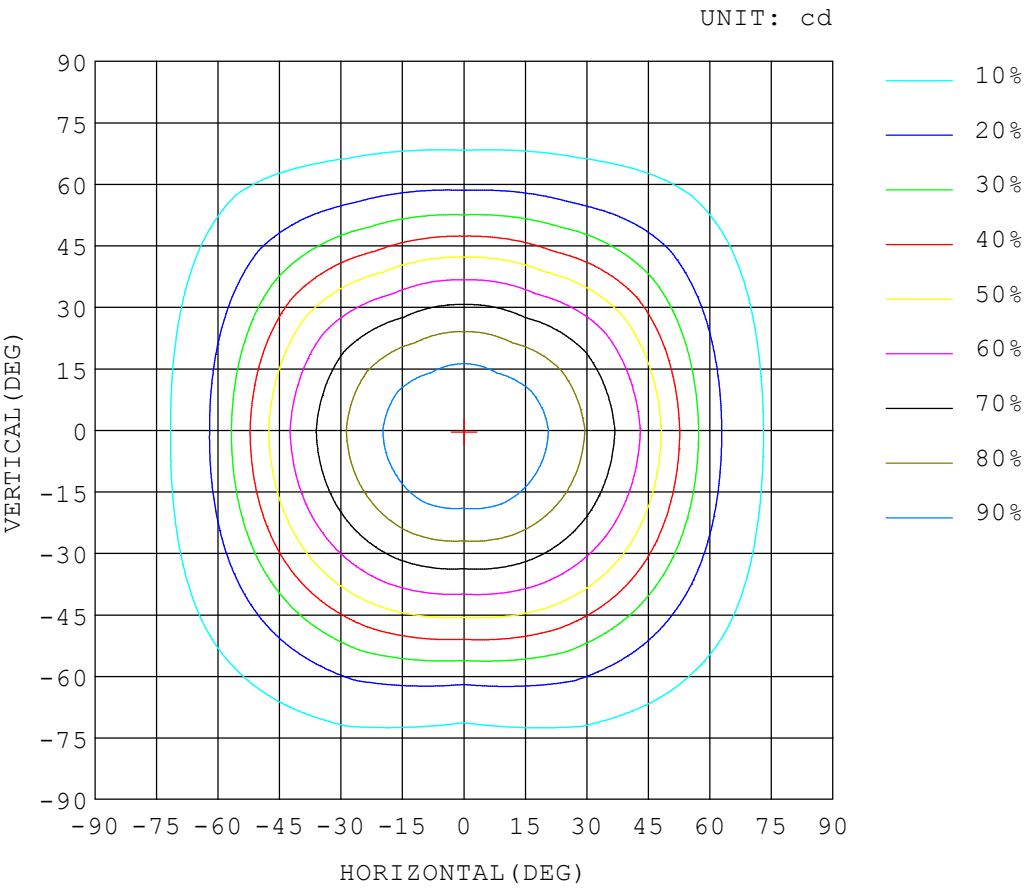
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.500 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: XTREME 145 PEGGY PRISMATIC	TYPE: 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 1200*145*44 MM	SERIAL No.:



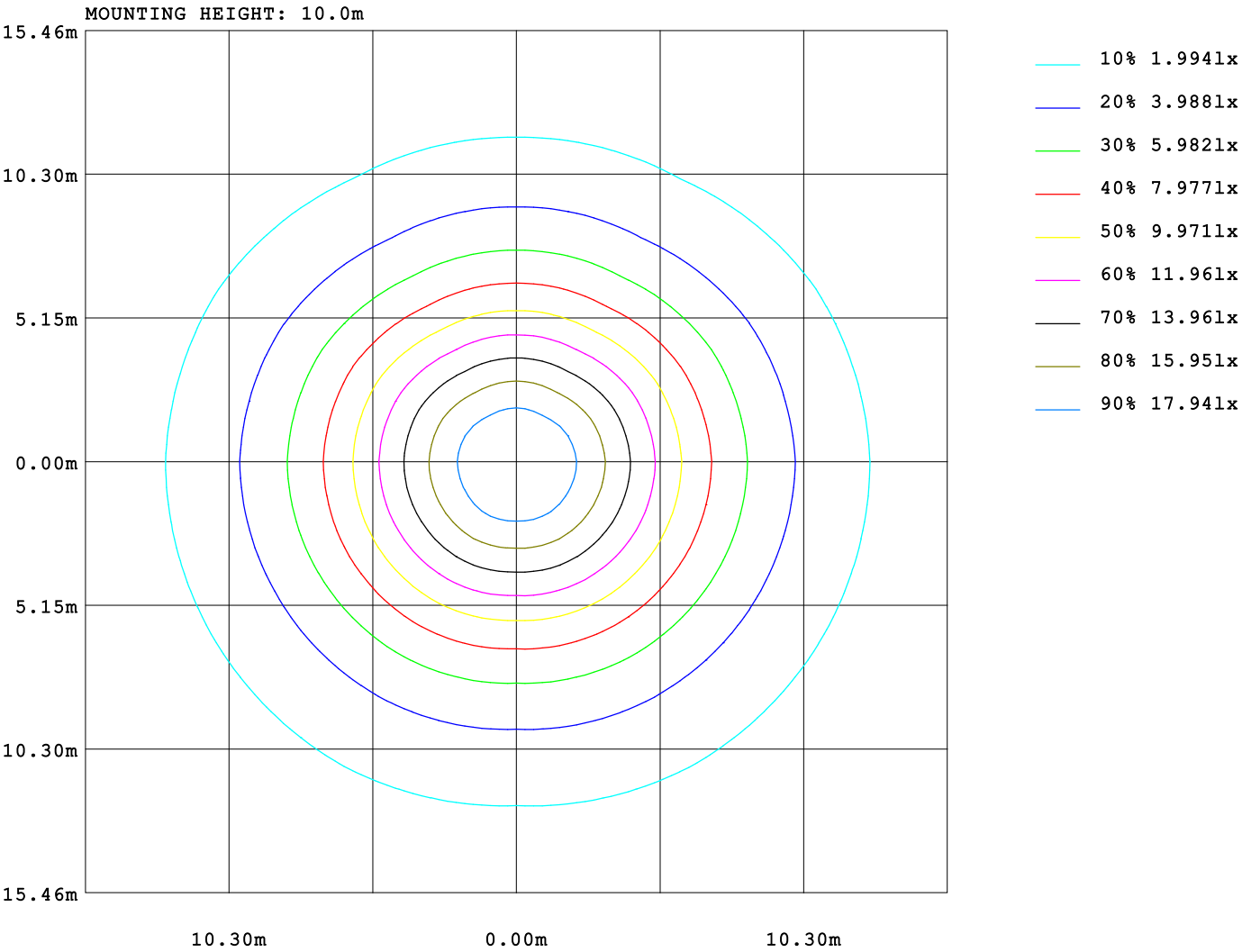
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.500 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: XTREME 145 PEGGY PRISMATIC	TYPE: 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 1200*145*44 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.500 m
Remarks: 5700K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY																			
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019																			
NAME: XTREME 145 PEGGY PRISMATIC										TYPE: 5700K CRI90					WEIGHT:				
SPECIFICATION: FULHAM-800 MA										DIMENSION: 1200*145*44 MM					SERIAL No.:				

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.05	0.20	0.42	0.63	0.75	0.81	0.90	1.05	1.14	1.14	1.04	0.89	0.81	0.77	0.65	0.45	0.24	0.07	12.0	0.00		
90																						
80	0.07	0.35	0.87	1.53	2.08	2.55	3.00	3.44	3.64	3.64	3.45	3.01	2.55	2.09	1.55	0.93	0.41	0.09	35.3	0.00		
70	0.09	0.53	1.41	2.59	3.83	5.13	6.32	7.33	7.75	7.75	7.32	6.32	5.14	3.82	2.58	1.47	0.60	0.12	70.1	43.7		
60	0.11	0.71	1.94	3.86	6.31	9.14	11.9	14.3	15.5	15.5	14.3	11.9	9.14	6.32	3.85	2.00	0.79	0.14	128	121		
50	0.13	0.88	2.50	5.42	9.84	15.1	19.9	24.1	26.6	26.7	24.2	20.0	15.2	9.93	5.48	2.58	0.97	0.16	210	206		
40	0.15	1.03	3.06	7.22	14.0	22.0	29.0	34.3	37.6	37.6	34.4	29.1	22.2	14.3	7.39	3.19	1.13	0.18	298	295		
30	0.16	1.15	3.58	9.10	18.2	28.4	36.8	43.0	47.0	46.9	43.1	37.0	28.6	18.5	9.35	3.76	1.27	0.20	377	374		
	0.17	1.24	4.01	10.7	21.4	32.6	42.7	50.1	54.3	54.3	50.2	42.9	33.0	21.8	11.0	4.24	1.37	0.21	437	434		
	0.17	1.28	4.24	11.6	23.2	34.9	45.7	54.2	58.8	58.8	54.4	46.1	35.4	23.7	12.0	4.52	1.42	0.21	471	469		
	0.17	1.28	4.25	11.7	23.4	35.1	45.9	54.5	59.4	59.5	54.8	46.4	35.7	23.8	12.1	4.55	1.43	0.22	475	473		
	0.17	1.24	4.05	10.9	21.8	33.2	43.4	51.7	56.3	56.3	52.0	43.9	33.6	22.3	11.2	4.32	1.38	0.21	449	446		
-30	0.16	1.16	3.65	9.37	18.9	29.4	38.8	46.0	49.7	49.7	46.1	39.1	29.9	19.4	9.68	3.88	1.29	0.20	397	394		
-40	0.15	1.04	3.13	7.48	15.0	24.0	32.1	38.1	41.0	41.0	38.3	32.4	24.4	15.3	7.74	3.33	1.15	0.18	326	323		
-50	0.13	0.89	2.55	5.67	10.7	17.4	24.0	28.6	30.8	30.9	28.8	24.2	17.7	10.9	5.87	2.72	1.00	0.17	244	239		
-60	0.11	0.73	1.98	4.06	7.26	11.3	15.4	18.2	19.5	19.6	18.4	15.6	11.4	7.43	4.22	2.12	0.82	0.14	159	152		
-70	0.10	0.56	1.45	2.77	4.59	6.82	8.86	9.89	10.1	10.1	9.96	8.95	6.93	4.71	2.88	1.56	0.63	0.12	91.0	78.5		
-80	0.08	0.39	0.96	1.76	2.74	3.82	4.67	4.95	4.88	4.88	4.97	4.69	3.86	2.81	1.83	1.03	0.45	0.10	48.9	8.96		
-90	0.05	0.23	0.50	0.87	1.31	1.79	2.09	2.13	2.04	2.05	2.14	2.12	1.83	1.35	0.90	0.54	0.27	0.07	22.3	0.00		
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)				20	30	40	50	60	70	80	90		
Φ t	2.23	14.9	44.6	107	206	314	412	487	527	527	488	415	318	210	111	47.2	16.6	2.80	4255			
Φ a	0.00	1.12	31.8	96.0	195	303	401	476	515	515	477	404	307	199	99.2	35.0	2.78	0.00		4068		

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.500 m
Remarks: 5700K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY

Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019

NAME: XTREME 145 PEGGY PRISMATIC

TYPE: 5700K CRI90

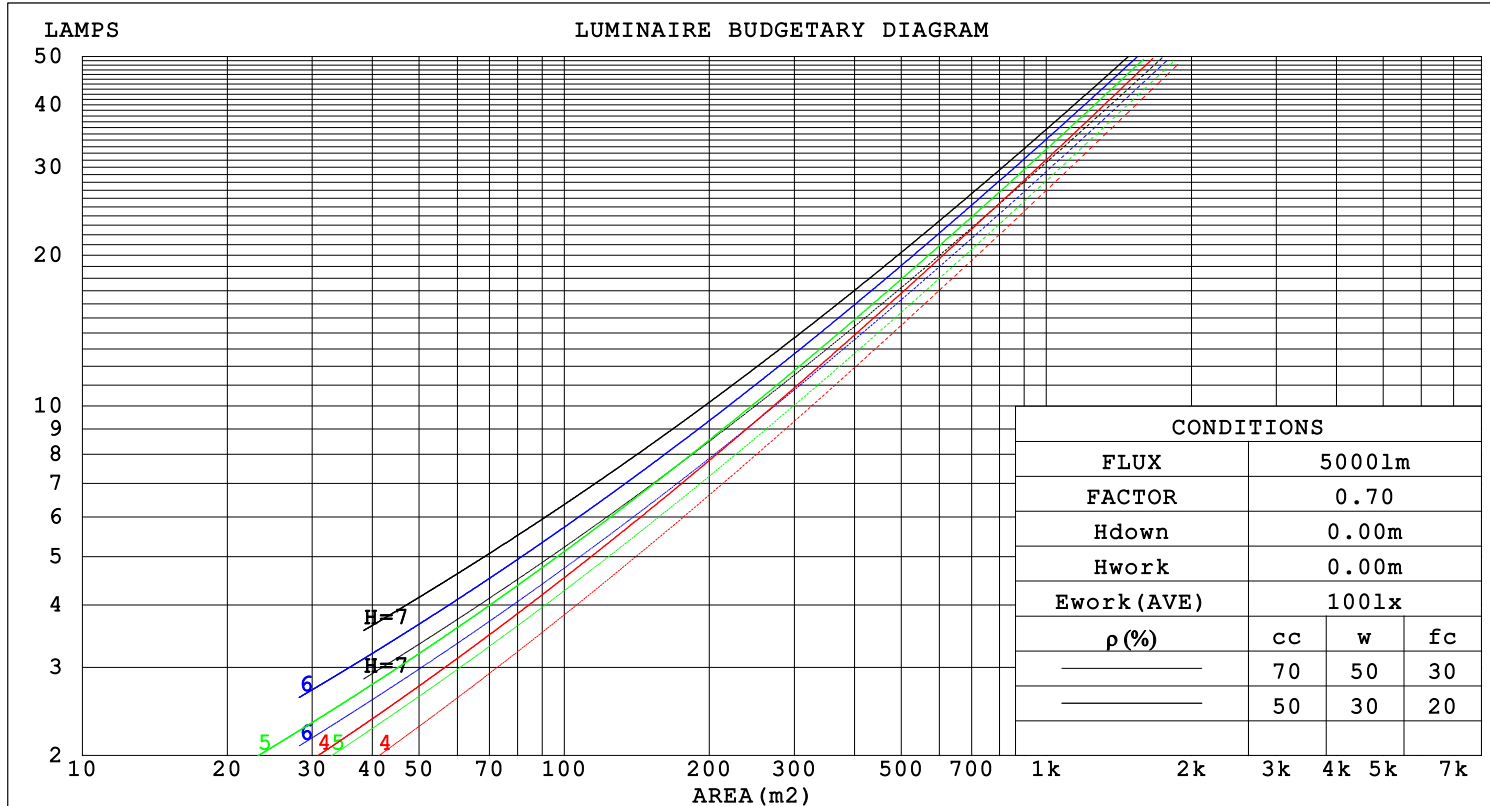
WEIGHT:

SPECIFICATION: FULHAM-800 MA

DIMENSION: 1200*145*44 MM

SERIAL No.:

ρ_{cc}	80%			70%			50%			30%			10%			0												
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0												
ρ_{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	1.00												
1.0	1.06	1.02	.99	1.04	1.00	.97	.99	.97	.94	.95	.93	.91	.92	.90	.88	.86												
2.0	.94	.88	.83	.92	.86	.82	.89	.84	.80	.85	.81	.78	.82	.79	.76	.74												
3.0	.84	.76	.70	.82	.75	.70	.79	.73	.69	.77	.72	.67	.74	.70	.66	.64												
4.0	.75	.67	.61	.74	.66	.60	.71	.65	.60	.69	.63	.59	.67	.62	.58	.56												
5.0	.68	.59	.53	.67	.59	.53	.65	.58	.53	.63	.57	.52	.61	.56	.51	.49												
6.0	.62	.53	.47	.61	.53	.47	.59	.52	.47	.57	.51	.46	.56	.50	.46	.44												
7.0	.56	.48	.42	.55	.48	.42	.54	.47	.42	.52	.46	.41	.51	.46	.41	.39												
8.0	.52	.44	.38	.51	.43	.38	.50	.43	.38	.48	.42	.37	.47	.42	.37	.35												
9.0	.48	.40	.34	.47	.39	.34	.46	.39	.34	.45	.39	.34	.44	.38	.34	.32												
10.0	.44	.36	.31	.43	.36	.31	.43	.36	.31	.42	.35	.31	.41	.35	.31	.29												



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:03-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:11.500 m
 Remarks: 5700K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019															
NAME: XTREME 145 PEGGY PRISMATIC								TYPE: 5700K CRI90				WEIGHT:			
SPECIFICATION: FULHAM-800 MA								DIMENSION: 1200*145*44 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	.273	.155	.049	.266	.152	.048	.253	.145	.046	.241	.139	.045	.230	.133	.043	
2.0	.259	.142	.044	.253	.139	.043	.241	.134	.042	.231	.129	.041	.221	.125	.039	
3.0	.242	.129	.039	.237	.127	.038	.227	.123	.037	.218	.119	.037	.209	.116	.036	
4.0	.226	.117	.035	.221	.116	.034	.213	.113	.034	.204	.110	.033	.197	.107	.033	
5.0	.211	.108	.031	.207	.106	.031	.199	.104	.031	.192	.101	.030	.185	.099	.030	
6.0	.197	.099	.028	.194	.098	.028	.187	.096	.028	.180	.094	.028	.174	.092	.027	
7.0	.185	.092	.026	.182	.091	.026	.176	.089	.026	.170	.087	.025	.164	.085	.025	
8.0	.174	.085	.024	.171	.084	.024	.165	.083	.024	.160	.081	.023	.155	.080	.023	
9.0	.164	.079	.022	.161	.079	.022	.156	.077	.022	.152	.076	.022	.147	.075	.022	
10.0	.155	.074	.021	.153	.074	.021	.148	.073	.020	.144	.071	.020	.140	.070	.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	.152	.134	.118	.104	.092	.082	.060	.053	.048	.019	.017	.015	
2.0	.168	.132	.102	.144	.114	.088	.099	.079	.061	.057	.046	.036	.018	.015	.012	
3.0	.159	.114	.078	.136	.098	.068	.094	.068	.048	.054	.040	.028	.017	.013	.009	
4.0	.151	.100	.062	.130	.087	.054	.089	.061	.038	.052	.035	.022	.017	.012	.007	
5.0	.144	.090	.050	.123	.078	.044	.085	.054	.031	.049	.032	.018	.016	.010	.006	
6.0	.137	.081	.041	.118	.070	.036	.081	.049	.026	.047	.029	.015	.015	.009	.005	
7.0	.130	.074	.035	.112	.064	.031	.077	.045	.022	.045	.027	.013	.015	.009	.004	
8.0	.124	.068	.030	.107	.059	.026	.074	.042	.019	.043	.025	.011	.014	.008	.004	
9.0	.118	.063	.026	.102	.055	.023	.071	.039	.016	.041	.023	.010	.013	.008	.003	
10.0	.113	.059	.023	.097	.051	.020	.068	.036	.014	.039	.021	.009	.013	.007	.003	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:03-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:11.500 m
 Remarks: 5700K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019											
NAME: XTREME 145 PEGGY PRISMATIC					TYPE: 5700K CRI90			WEIGHT:			
SPECIFICATION: FULHAM-800 MA					DIMENSION: 1200*145*44 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	21.1	22.5	21.4	22.7	22.9	20.9	22.3	21.2	22.5	22.7
	3H	21.8	23.1	22.1	23.3	23.5	21.6	22.9	21.9	23.1	23.3
	4H	22.1	23.3	22.4	23.6	23.8	21.9	23.1	22.2	23.4	23.6
	6H	22.4	23.5	22.7	23.8	24.1	22.1	23.3	22.5	23.5	23.8
	8H	22.5	23.6	22.8	23.9	24.1	22.2	23.3	22.6	23.6	23.9
	12H	22.6	23.6	22.9	23.9	24.2	22.3	23.4	22.7	23.7	24.0
4H	2H	21.4	22.6	21.7	22.9	23.1	21.3	22.5	21.6	22.8	23.0
	3H	22.3	23.3	22.6	23.6	23.9	22.2	23.3	22.6	23.6	23.8
	4H	22.7	23.7	23.1	24.0	24.3	22.6	23.6	23.0	23.9	24.2
	6H	23.1	24.0	23.5	24.3	24.7	23.0	23.9	23.4	24.2	24.6
	8H	23.3	24.1	23.7	24.5	24.9	23.2	24.0	23.6	24.4	24.7
	12H	23.5	24.2	23.9	24.6	25.0	23.4	24.1	23.8	24.5	24.9
8H	4H	22.9	23.7	23.3	24.1	24.4	22.8	23.6	23.2	24.0	24.3
	6H	23.5	24.1	23.9	24.5	25.0	23.4	24.1	23.8	24.5	24.9
	8H	23.7	24.3	24.2	24.7	25.2	23.7	24.3	24.2	24.7	25.2
	12H	24.0	24.5	24.5	24.9	25.4	24.0	24.5	24.5	24.9	25.4
12H	4H	22.9	23.6	23.3	24.0	24.4	22.8	23.5	23.2	23.9	24.3
	6H	23.5	24.1	24.0	24.5	25.0	23.5	24.0	23.9	24.5	24.9
	8H	23.9	24.4	24.3	24.8	25.3	23.8	24.3	24.3	24.8	25.3
Variations with the observer position at spacings:											
S = 1.0H		+ 0.3 / - 0.4					+ 0.3 / - 0.4				
1.5H		+ 0.3 / - 0.3					+ 0.2 / - 0.4				
2.0H		+ 0.8 / - 0.9					+ 0.5 / - 1.0				

CIE Pub.117 Corrected 4255 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.0)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:03-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:11.500 m
 Remarks: 5700K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: XTREME 145 PEGGY PRISMATIC	TYPE: 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 1200*145*44 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) $k(RI) \times RCR = 5$									
$k = 0.60$	63	53	46	62	52	46	61	52	46	40
0.80	73	63	56	72	62	56	71	62	56	49
1.00	81	72	65	80	71	65	78	72	64	58
1.25	88	79	73	87	78	72	84	77	71	65
1.50	93	84	78	91	83	77	88	81	76	70
2.00	99	91	86	97	90	85	94	88	83	76
2.50	102	95	90	100	94	89	96	91	87	79
3.00	105	99	94	103	97	93	99	94	91	83
4.00	108	103	99	106	101	98	102	98	95	87
5.00	110	106	102	108	104	101	103	100	98	89
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

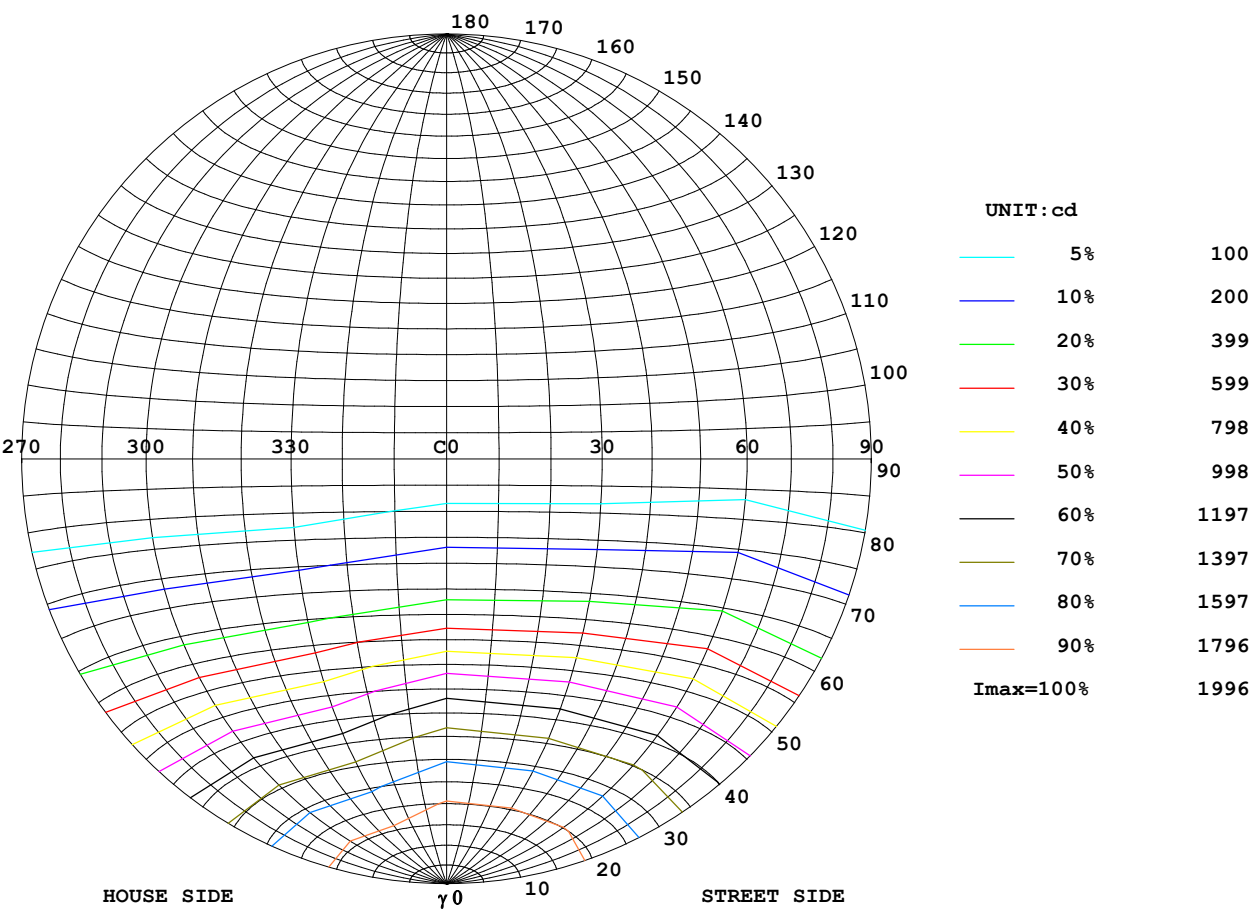
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 03-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 11.500 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: XTREME 145 PEGGY PRISMATIC	TYPE: 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 1200*145*44 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.500 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: XTREME 145 PEGGY PRISMATIC	TYPE: 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 1200*145*44 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 19.94 lx



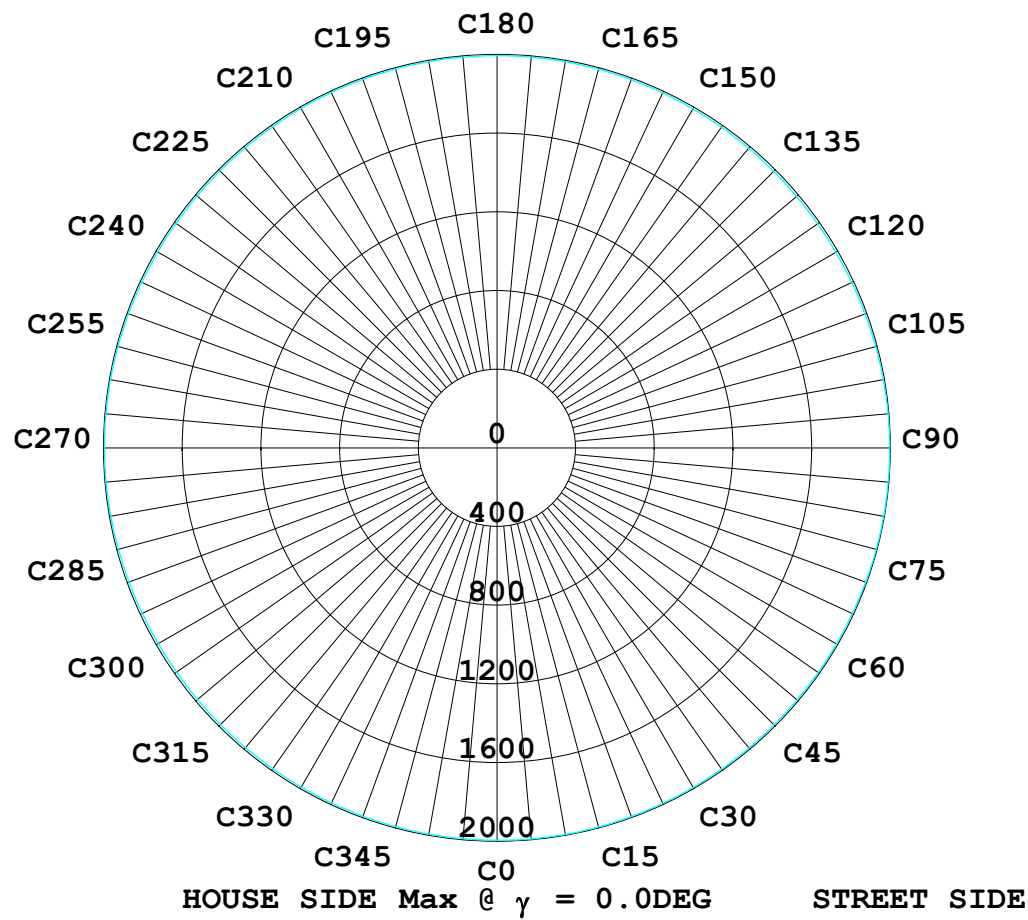
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.500 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: XTREME 145 PEGGY PRISMATIC	TYPE: 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 1200*145*44 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.500 m
Remarks: 5700K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: XTREME 145 PEGGY PRISMATIC	TYPE: 5700K CRI90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 1200*145*44 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1994	1993	1992	1996	1989	1991	1994	1993	1992	1996	1989	1991
5.0	1984	1984	1990	1988	1987	1978	1980	1976	1966	1970	1963	1976
10.0	1948	1949	1955	1947	1955	1942	1942	1931	1908	1912	1905	1933
15.0	1888	1887	1888	1877	1885	1876	1877	1862	1821	1824	1820	1866
20.0	1808	1804	1800	1776	1796	1791	1791	1769	1708	1706	1705	1775
25.0	1704	1696	1682	1652	1678	1681	1688	1658	1577	1570	1576	1665
30.0	1584	1570	1545	1510	1542	1553	1563	1528	1427	1418	1427	1534
35.0	1452	1431	1403	1359	1396	1414	1426	1383	1268	1256	1269	1390
40.0	1301	1274	1242	1196	1236	1256	1280	1226	1096	1081	1098	1234
45.0	1129	1103	1070	1021	1064	1083	1107	1046	906	891	908	1055
50.0	921	909	889	836	880	889	895	840	709	690	709	851
55.0	688	692	694	641	688	676	670	635	546	508	550	645
60.0	488	495	524	454	518	483	461	465	384	351	379	470
65.0	334	357	384	316	379	347	310	328	271	245	270	329
70.0	240	249	274	217	272	240	219	231	186	175	188	229
75.0	175	172	190	151	190	165	156	161	123	118	124	159
80.0	116	117	130	102	129	112	97.3	108	72.0	70.3	71.9	109
85.0	63.2	67.5	83.4	62.9	81.8	65.0	48.2	54.8	29.6	33.8	28.9	57.2
90.0	23.4	23.8	41.2	30.5	39.9	21.9	14.6	16.7	10.8	15.7	10.7	17.3

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.500 m
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