

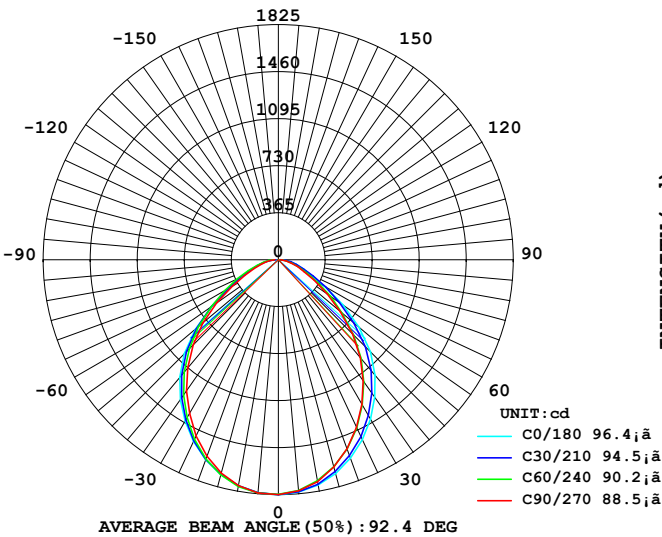
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

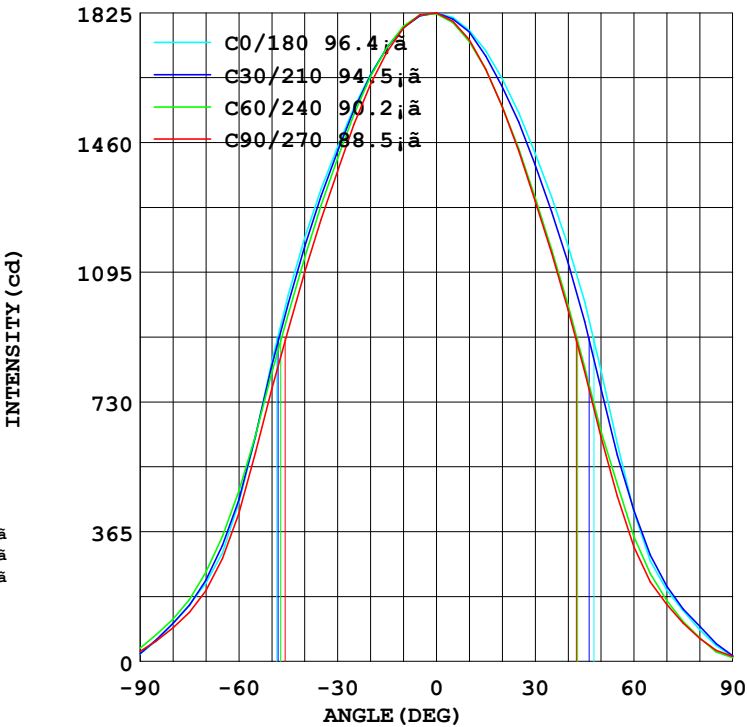
MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: XTREME 145 PEGGY PRISMATIC	TYPE: 4000K CRI90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 1200*145*44 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	1825	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)	3893.2	Voltage (V)	219.3
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	112.2	Current (A)	0.160
NOMINAL FLUX (lm)	3893.3	η up (%)	0.0	Power (W)	34.70
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.967
TEST VOLTAGE (V)	219.3	Effective Flux (lm)	3721.8	EEI	0.127

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:11.000 m
Remarks: 4000K

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: 4000K CRI90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 1200*145*44 MM	SERIAL No.:

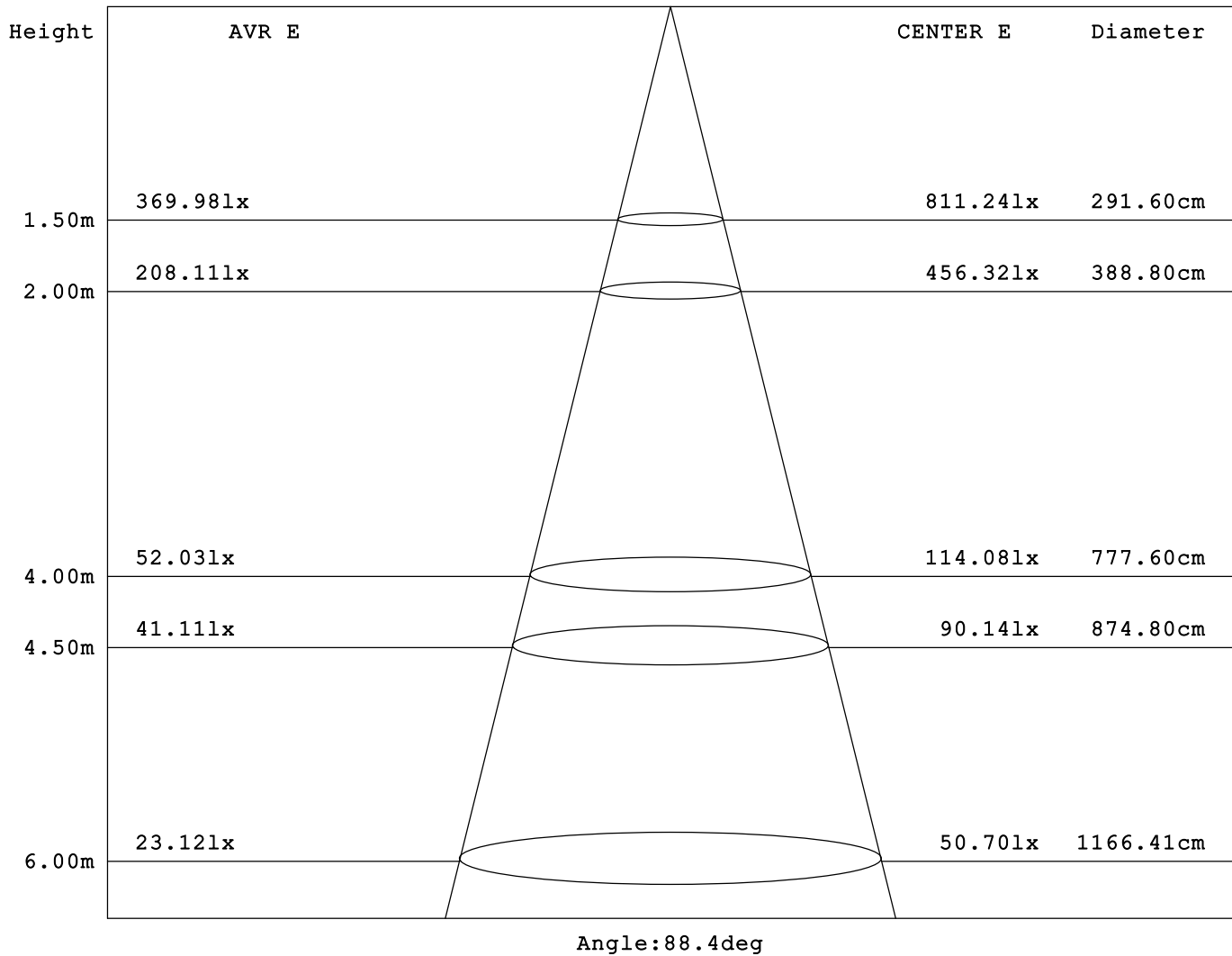
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
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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: 4000K 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)
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ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: XTREME 145 PEGGY PRISMATIC	TYPE: 4000K 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	1782	1786	1783	1780	1776	1758	1750	1755	0- 10	171.5	171.5
20.0	1652	1648	1625	1641	1641	1590	1562	1592	10- 20	480.1	651.6
30.0	1448	1426	1380	1416	1431	1352	1297	1356	20- 30	695.2	1347
40.0	1192	1152	1096	1141	1170	1063	989.6	1067	30- 40	783.0	2130
50.0	842.0	821.7	765.6	809.1	818.5	708.0	631.6	713.7	40- 50	724.8	2855
60.0	445.8	466.0	415.7	457.6	420.8	387.9	321.4	388.5	50- 60	523.4	3378
70.0	219.7	239.4	198.6	234.1	200.4	190.9	159.5	190.8	60- 70	300.3	3679
80.0	105.7	112.7	93.65	110.4	89.05	82.27	64.49	82.70	70- 80	155.3	3834
90.0	21.41	29.70	27.95	28.37	13.30	12.70	14.39	12.82	80- 90	59.26	3893
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:11.000 m
Remarks: 4000K

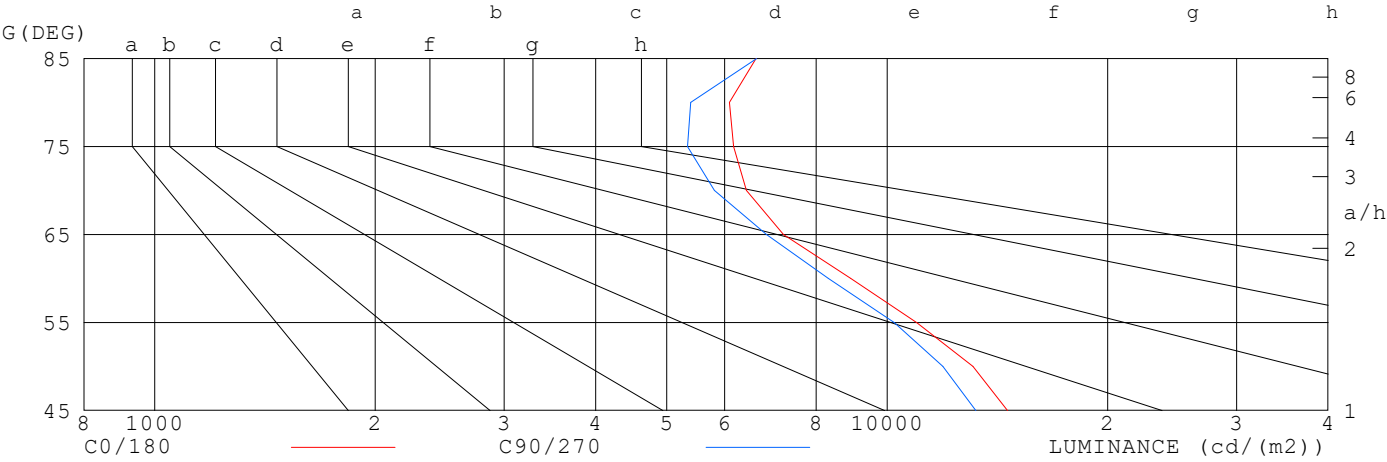
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: XTREME 145 PEGGY PRISMATIC	TYPE: 4000K 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	6622	6636
80	6090	5393
75	6171	5339
70	6425	5809
65	7218	6849
60	8918	8315
55	10978	10231
50	13100	11912
45	14603	13217

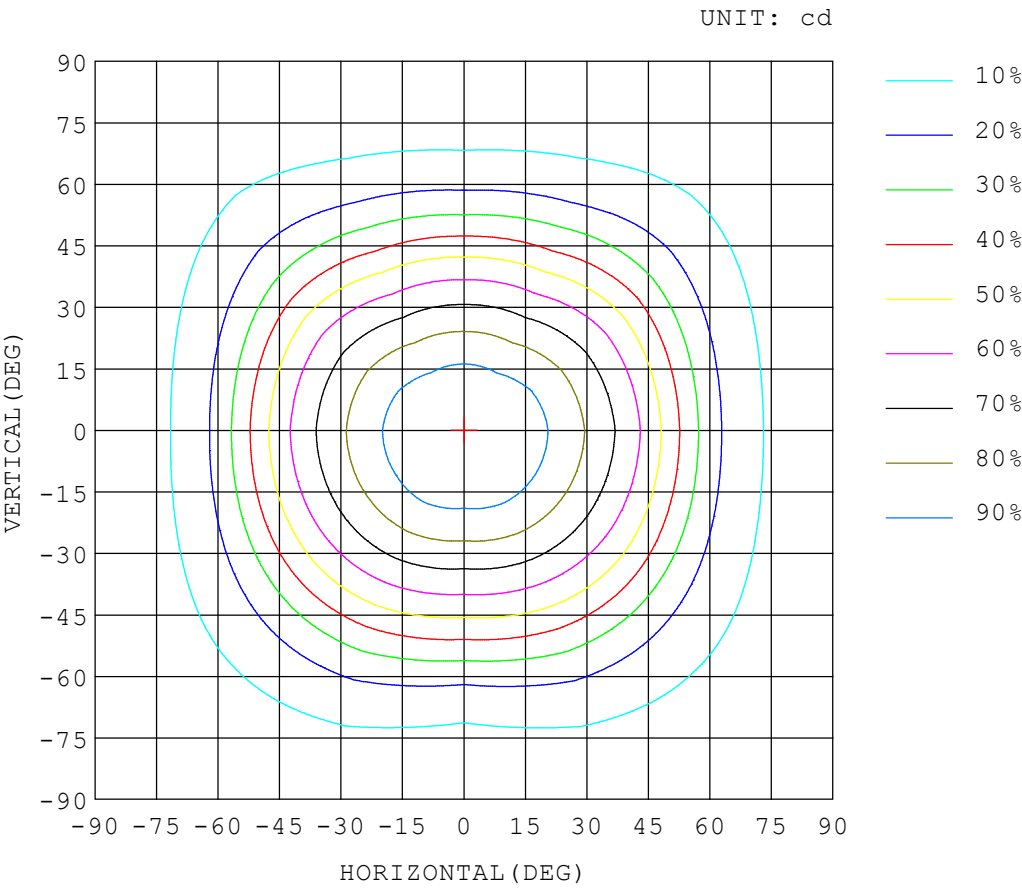
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: XTREME 145 PEGGY PRISMATIC	TYPE: 4000K CRI90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 1200*145*44 MM	SERIAL No.:



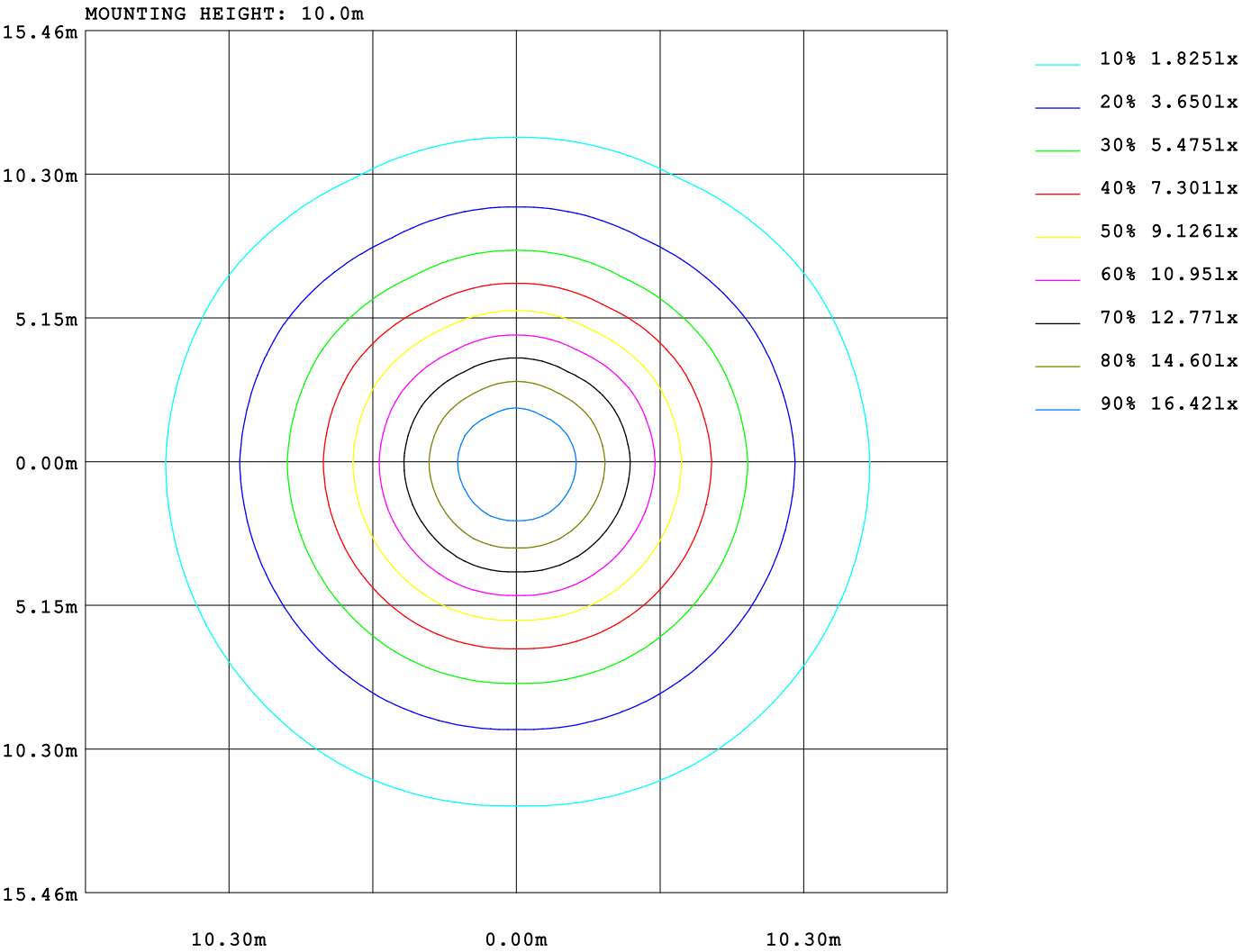
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: XTREME 145 PEGGY PRISMATIC	TYPE: 4000K 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:11.000 m
Remarks: 4000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY

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

NAME: XTREME 145 PEGGY PRISMATIC

TYPE: 4000K CRI90

WEIGHT:

SPECIFICATION: FULHAM-800 MA

DIMENSION: 1200*145*44 MM

SERIAL No.:

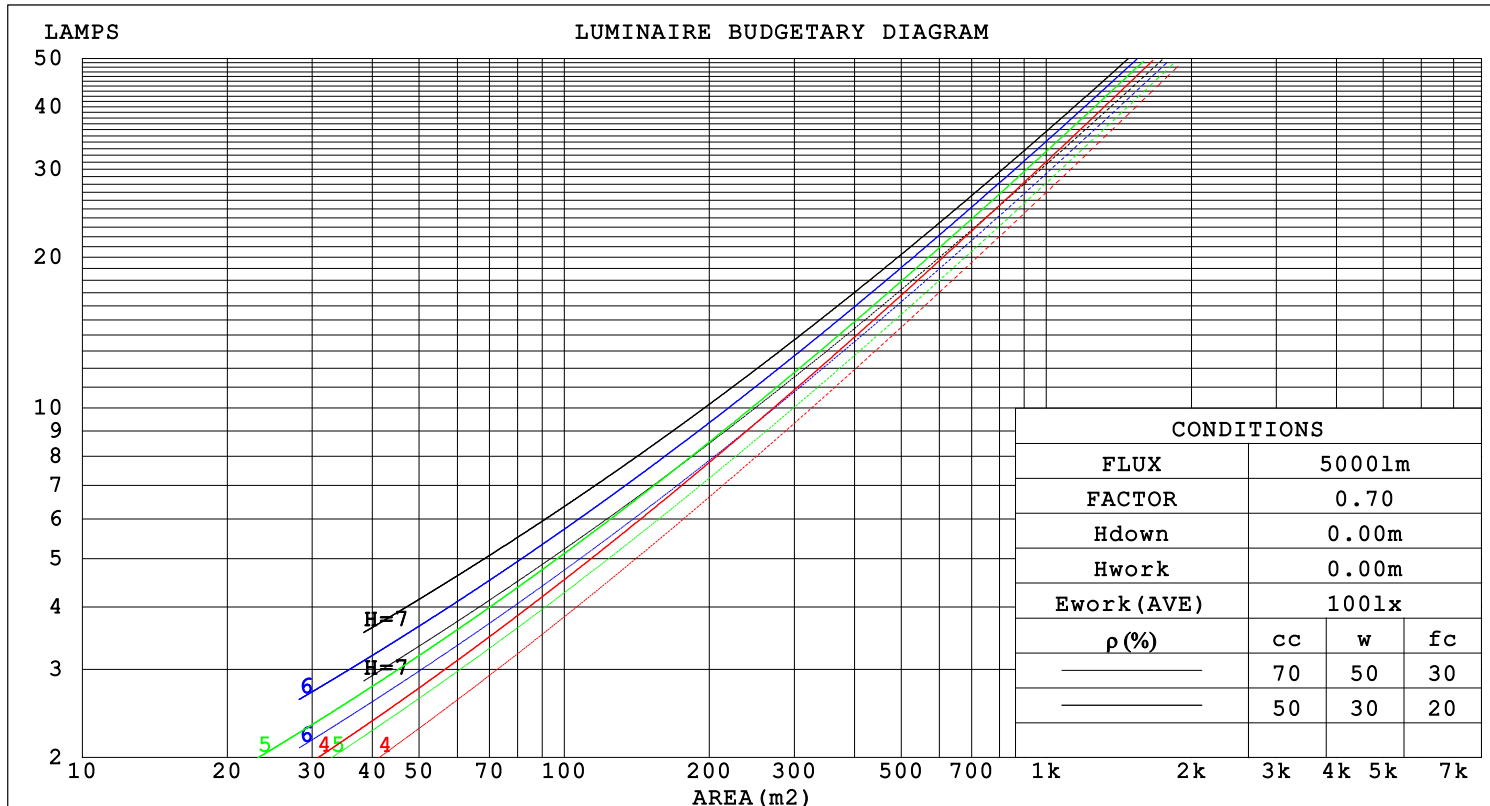
VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm			Φ t	Φ a
	0.05	0.18	0.38	0.57	0.69	0.74	0.82	0.96	1.04	1.04	0.96	0.81	0.74	0.70	0.59	0.42	0.22	0.06	10.9	0.00			
90	0.07	0.32	0.80	1.40	1.91	2.33	2.74	3.15	3.33	3.33	3.15	2.76	2.34	1.92	1.42	0.85	0.38	0.09	32.3	0.00			
80	0.08	0.48	1.29	2.37	3.51	4.69	5.78	6.70	7.09	7.09	6.70	5.79	4.70	3.50	2.36	1.34	0.55	0.11	64.1	39.8			
70	0.10	0.65	1.78	3.53	5.77	8.35	10.9	13.1	14.2	14.2	13.1	10.8	8.36	5.79	3.52	1.83	0.72	0.13	117	110			
60	0.12	0.81	2.28	4.96	9.00	13.8	18.2	22.1	24.4	24.4	22.1	18.3	13.9	9.09	5.02	2.36	0.89	0.15	192	188			
50	0.13	0.94	2.80	6.60	12.8	20.1	26.5	31.4	34.4	34.4	31.4	26.6	20.3	13.0	6.76	2.92	1.03	0.17	273	270			
40	0.15	1.05	3.27	8.32	16.6	26.0	33.7	39.4	43.0	42.9	39.4	33.8	26.2	16.9	8.55	3.44	1.16	0.18	345	342			
30	0.16	1.13	3.66	9.78	19.6	29.9	39.0	45.9	49.7	49.7	45.9	39.2	30.2	19.9	10.0	3.88	1.25	0.19	400	397			
	0.16	1.17	3.87	10.6	21.2	32.0	41.8	49.6	53.8	53.8	49.8	42.1	32.4	21.7	11.0	4.13	1.30	0.20	431	429			
	0.16	1.17	3.89	10.7	21.4	32.1	42.0	49.9	54.3	54.4	50.2	42.4	32.6	21.8	11.1	4.16	1.31	0.20	434	432			
	0.16	1.14	3.71	9.98	19.9	30.3	39.7	47.3	51.5	51.5	47.5	40.1	30.8	20.4	10.3	3.95	1.26	0.19	410	408			
-30	0.15	1.06	3.34	8.57	17.3	26.9	35.5	42.1	45.5	45.5	42.2	35.8	27.3	17.7	8.86	3.55	1.18	0.18	363	361			
-40	0.14	0.95	2.87	6.84	13.7	22.0	29.4	34.9	37.5	37.5	35.0	29.7	22.3	14.0	7.08	3.04	1.06	0.17	299	296			
-50	0.12	0.82	2.33	5.19	9.84	15.9	21.9	26.2	28.2	28.2	26.3	22.1	16.2	10.0	5.38	2.49	0.91	0.15	223	219			
-60	0.10	0.67	1.81	3.72	6.64	10.3	14.1	16.7	17.9	17.9	16.8	14.3	10.5	6.80	3.86	1.94	0.75	0.13	145	139			
-70	0.09	0.51	1.33	2.53	4.20	6.24	8.10	9.05	9.25	9.28	9.12	8.19	6.34	4.31	2.64	1.42	0.58	0.11	83.3	71.8			
-80	0.07	0.35	0.88	1.61	2.51	3.49	4.27	4.53	4.47	4.47	4.55	4.29	3.53	2.56	1.67	0.94	0.41	0.09	44.7	8.26			
-90	0.05	0.21	0.45	0.79	1.20	1.63	1.91	1.94	1.87	1.88	1.96	1.94	1.67	1.24	0.83	0.49	0.25	0.07	20.4	0.00			
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)					20	30	40	50	60	70	80	90		
Φ t	2.04	13.6	40.8	98.2	188	287	377	445	482	482	447	380	291	192	101	43.2	15.2	2.56	3893				
Φ a	0.00	1.02	29.1	87.8	178	277	367	435	471	472	437	370	281	182	90.7	32.0	2.54	0.00		3722			

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:11.000 m
 Remarks: 4000K

Report number:

pcc	80%			70%			50%			30%			10%			0														
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0														
p _{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	.61	.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	.44	.36	.31	.43	.36	.31	.42	.35	.31	.41	.35	.31	.29														



Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks: 4000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019														
NAME: XTREME 145 PEGGY PRISMATIC								TYPE: 4000K 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:11.000 m
 Remarks: 4000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019											
NAME: XTREME 145 PEGGY PRISMATIC					TYPE: 4000K 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	20.8	22.2	21.0	22.4	22.6	20.6	22.0	20.9	22.2	22.4
	3H	21.5	22.7	21.8	23.0	23.2	21.3	22.6	21.6	22.8	23.0
	4H	21.8	23.0	22.1	23.2	23.5	21.6	22.8	21.9	23.0	23.3
	6H	22.1	23.2	22.4	23.5	23.8	21.8	23.0	22.2	23.2	23.5
	8H	22.2	23.3	22.5	23.6	23.8	21.9	23.0	22.3	23.3	23.6
	12H	22.3	23.3	22.6	23.6	23.9	22.0	23.1	22.4	23.4	23.7
4H	2H	21.1	22.3	21.4	22.6	22.8	21.0	22.2	21.3	22.4	22.7
	3H	22.0	23.0	22.3	23.3	23.6	21.9	23.0	22.2	23.2	23.5
	4H	22.4	23.4	22.8	23.7	24.0	22.3	23.3	22.7	23.6	23.9
	6H	22.8	23.7	23.2	24.0	24.4	22.7	23.6	23.1	23.9	24.3
	8H	23.0	23.8	23.4	24.2	24.5	22.9	23.7	23.3	24.1	24.4
	12H	23.2	23.9	23.6	24.3	24.7	23.1	23.8	23.5	24.2	24.6
8H	4H	22.6	23.4	23.0	23.7	24.1	22.5	23.3	22.9	23.7	24.0
	6H	23.2	23.8	23.6	24.2	24.6	23.1	23.7	23.5	24.1	24.6
	8H	23.4	24.0	23.9	24.4	24.9	23.4	24.0	23.9	24.4	24.8
	12H	23.7	24.2	24.1	24.6	25.1	23.7	24.2	24.2	24.6	25.1
12H	4H	22.6	23.3	23.0	23.7	24.1	22.5	23.2	22.9	23.6	24.0
	6H	23.2	23.8	23.7	24.2	24.7	23.2	23.7	23.6	24.2	24.6
	8H	23.6	24.1	24.0	24.5	25.0	23.5	24.0	24.0	24.5	25.0
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 3893 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.7)

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:11.000 m
 Remarks: 4000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: XTREME 145 PEGGY PRISMATIC	TYPE: 4000K 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		

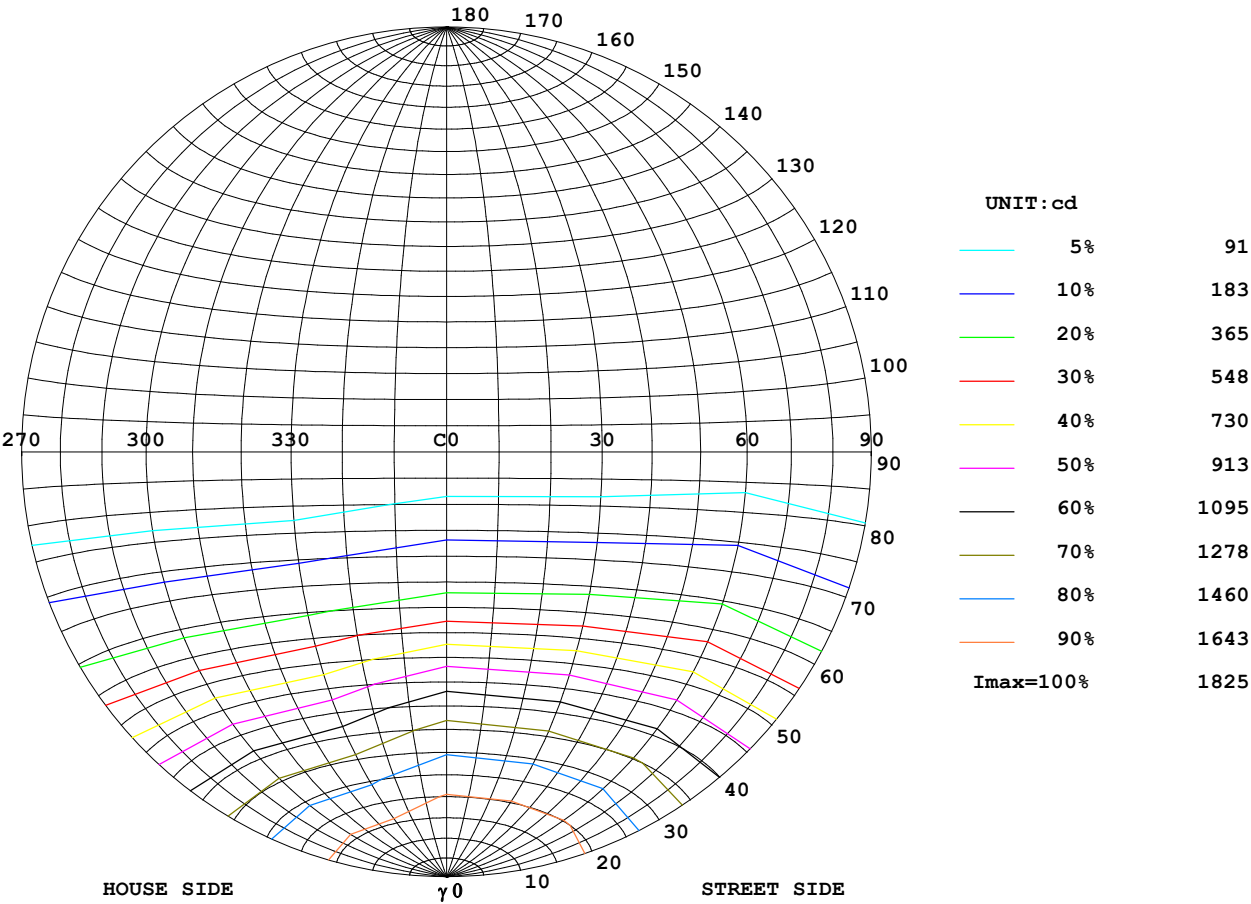
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 03-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 11.000 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: XTREME 145 PEGGY PRISMATIC	TYPE: 4000K CRI90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 1200*145*44 MM	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: XTREME 145 PEGGY PRISMATIC	TYPE: 4000K CRI90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 1200*145*44 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 18.25 lx



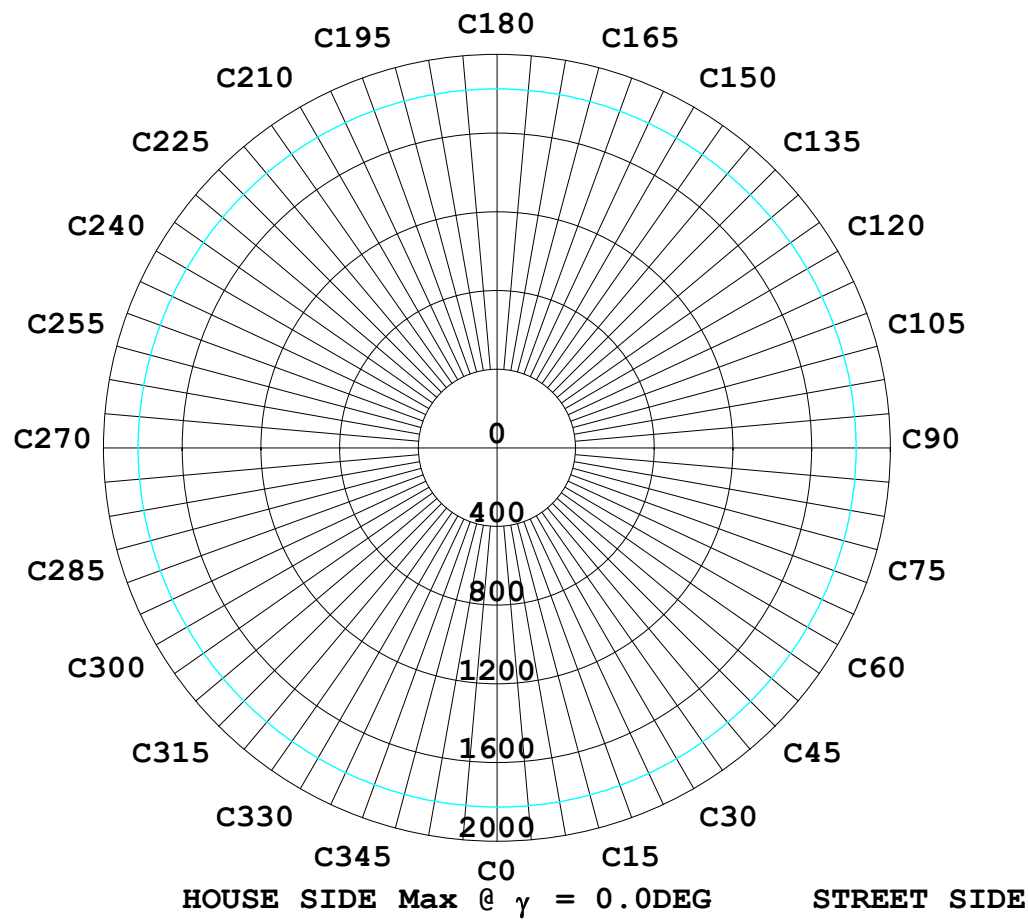
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: XTREME 145 PEGGY PRISMATIC	TYPE: 4000K 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:11.000 m
Remarks: 4000K

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: 4000K 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	1825	1824	1822	1825	1821	1821	1825	1824	1822	1825	1821	1821
5.0	1817	1816	1819	1819	1816	1811	1812	1807	1798	1802	1796	1807
10.0	1782	1784	1788	1783	1785	1775	1776	1771	1745	1750	1742	1768
15.0	1727	1726	1728	1715	1726	1716	1718	1703	1665	1667	1664	1707
20.0	1652	1650	1647	1625	1643	1639	1641	1618	1563	1562	1559	1625
25.0	1559	1552	1540	1511	1535	1539	1544	1517	1443	1437	1442	1523
30.0	1448	1435	1416	1380	1412	1421	1431	1398	1306	1297	1306	1405
35.0	1329	1309	1283	1244	1277	1292	1306	1265	1158	1149	1162	1272
40.0	1192	1167	1136	1096	1131	1151	1170	1122	1004	990	1005	1129
45.0	1033	1008	979	935	974	990	1013	957	828	815	831	965
50.0	842	831	812	766	805	813	819	768	648	632	648	779
55.0	630	634	635	587	630	619	613	581	499	465	503	590
60.0	446	453	479	416	473	442	421	425	351	321	347	430
65.0	305	327	352	289	347	317	284	300	248	224	247	301
70.0	220	228	251	199	248	220	200	211	170	160	172	210
75.0	160	158	174	138	174	150	143	147	112	108	113	146
80.0	106	107	119	93.6	118	103	89.0	98.6	65.9	64.4	65.8	99.5
85.0	57.7	61.7	76.2	57.8	74.6	59.4	44.1	50.2	26.9	30.8	26.3	52.3
90.0	21.4	21.6	37.7	27.9	36.5	20.2	13.3	15.4	9.92	14.3	9.80	15.8

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:11.000 m
Remarks: 4000K