

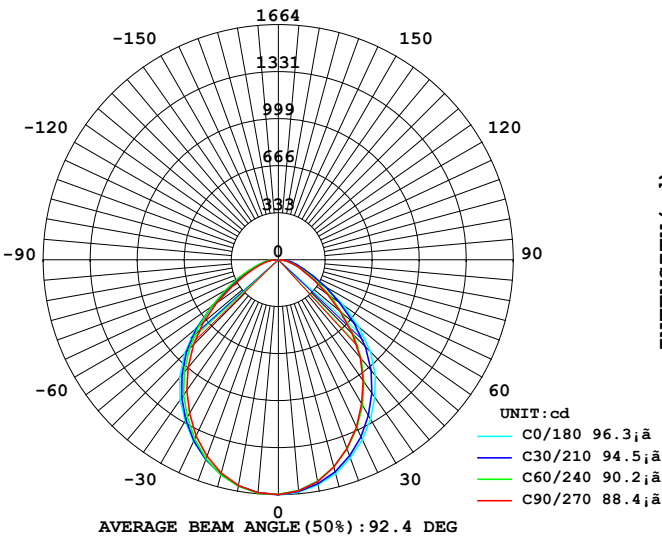
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

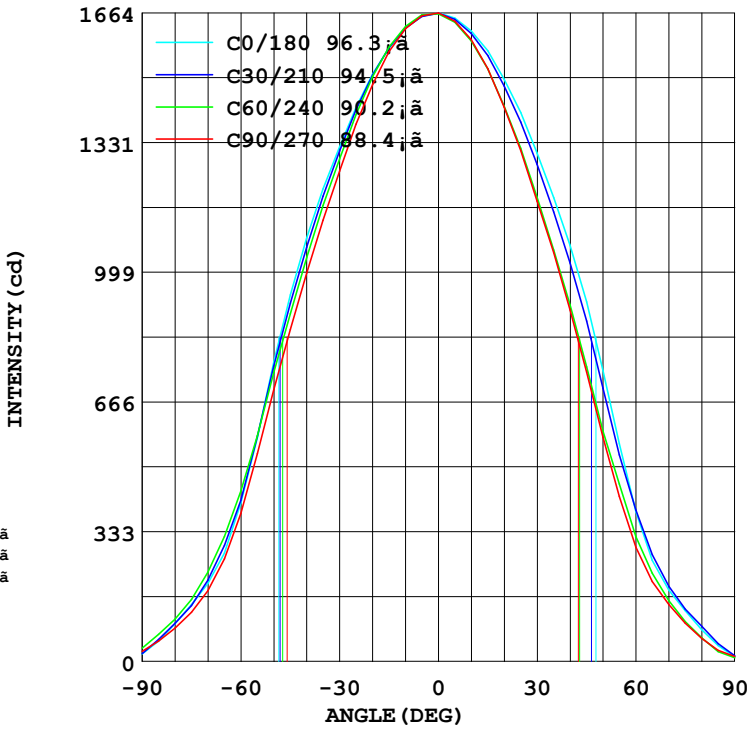
MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 PEGGY PRISMATIC	TYPE: 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 1200*145*44 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	1664	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)	3548.8	Voltage (V)	219.3
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	100.5	Current (A)	0.155
NOMINAL FLUX (lm)	3548.9	η up (%)	0.0	Power (W)	35.29
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.968
TEST VOLTAGE (V)	219.3	Effictive Flux (lm)	3392.6	EEI	0.142

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:10.500 m
Remarks: 3000K

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: 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 1200*145*44 MM	SERIAL No.:

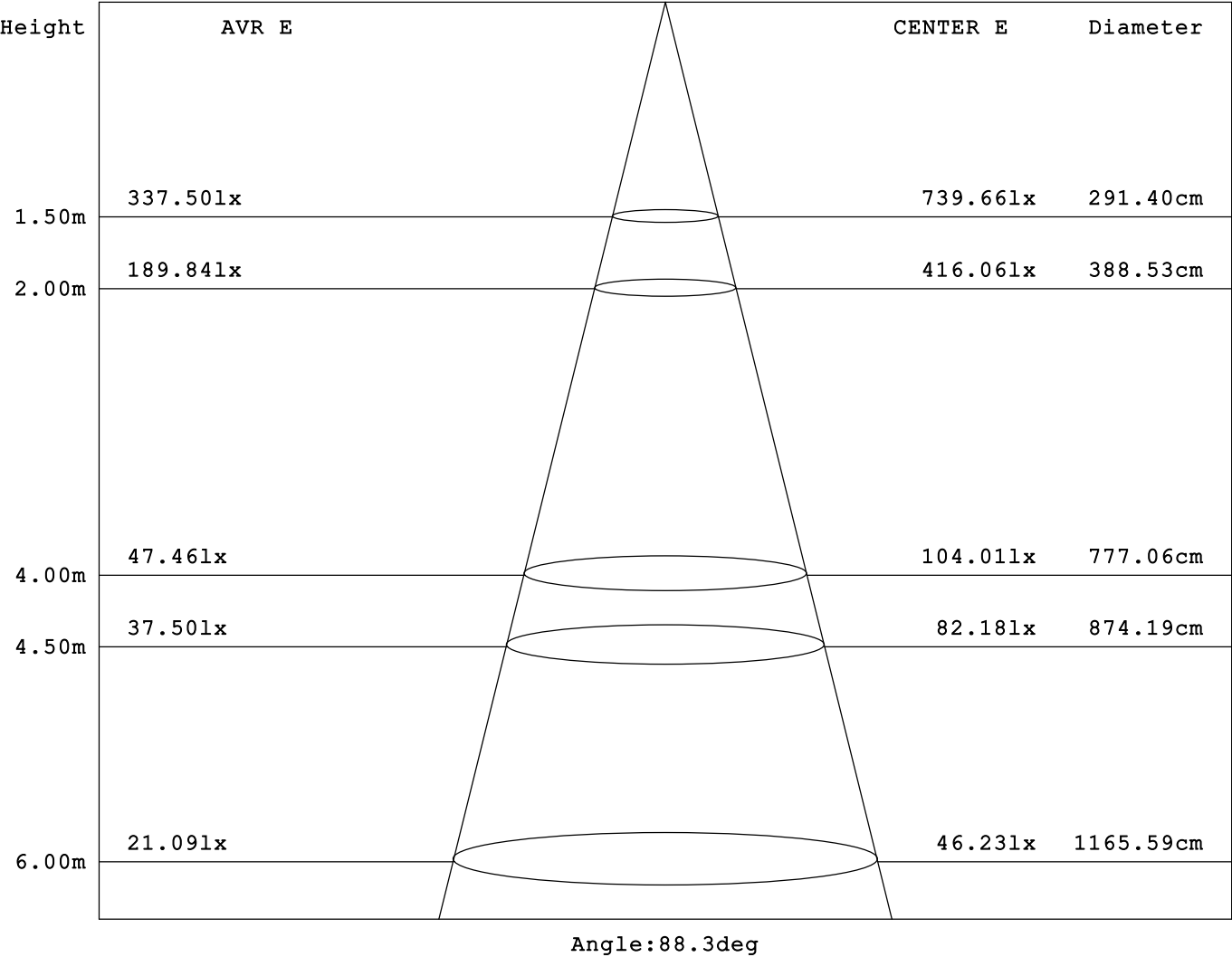
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.500 m
Remarks: 3000K

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: 3000K 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:10.500 m
Remarks: 3000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 PEGGY PRISMATIC	TYPE: 3000K 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	1625	1628	1624	1623	1618	1602	1596	1601	0- 10	156.3	156.3
20.0	1507	1503	1480	1496	1494	1451	1422	1451	10- 20	437.7	594.0
30.0	1320	1300	1258	1291	1304	1233	1181	1235	20- 30	633.8	1228
40.0	1087	1050	996.5	1039	1068	968.7	901.8	973.4	30- 40	713.7	1942
50.0	766.8	749.2	697.0	737.9	746.2	645.8	575.3	651.0	40- 50	660.7	2602
60.0	405.9	424.7	378.7	416.9	383.7	354.0	293.0	354.8	50- 60	477.0	3079
70.0	199.8	218.1	180.8	213.3	182.6	174.1	145.4	174.1	60- 70	273.7	3353
80.0	96.24	102.8	85.22	100.7	81.25	75.02	58.76	75.46	70- 80	141.6	3495
90.0	19.51	27.06	25.46	25.68	12.23	11.57	13.11	11.79	80- 90	54.02	3549
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

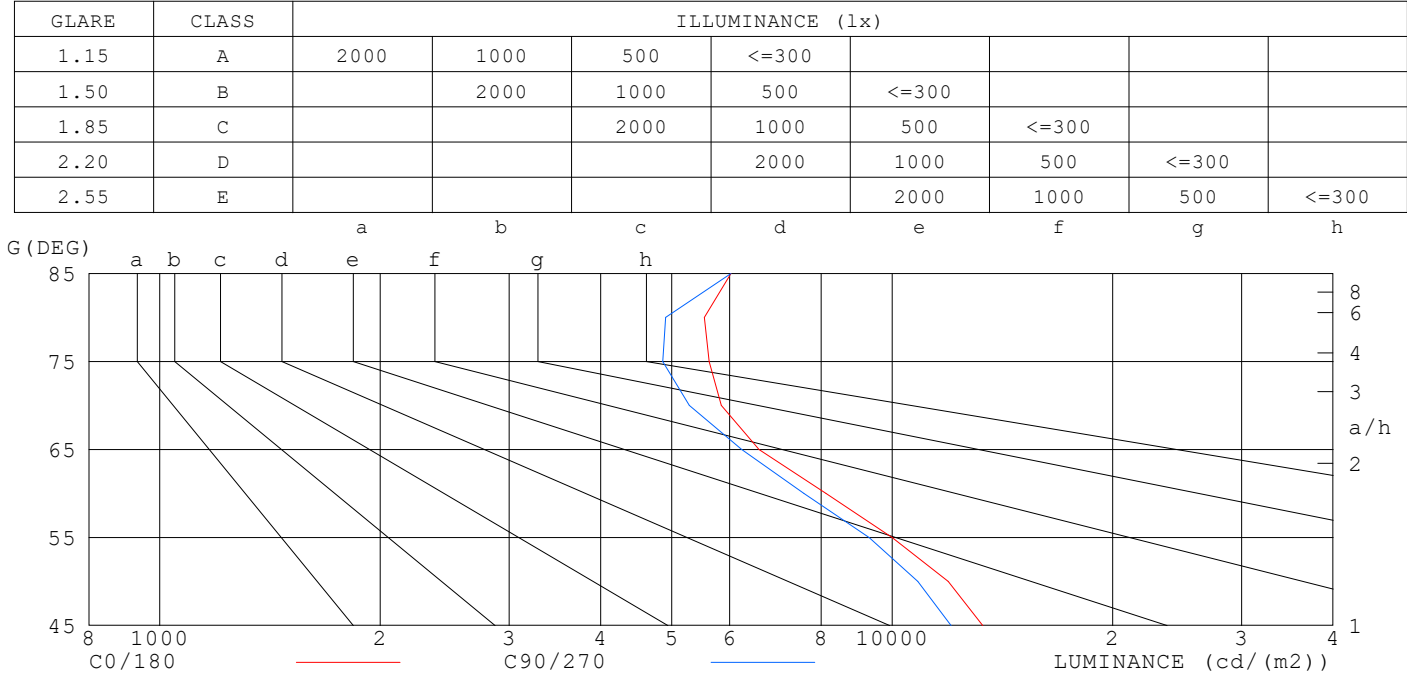
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.500 m
Remarks: 3000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 PEGGY PRISMATIC	TYPE: 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 1200*145*44 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	6021	6021
80	5543	4908
75	5623	4860
70	5844	5287
65	6579	6235
60	8119	7574
55	10007	9303
50	11931	10843
45	13304	12043

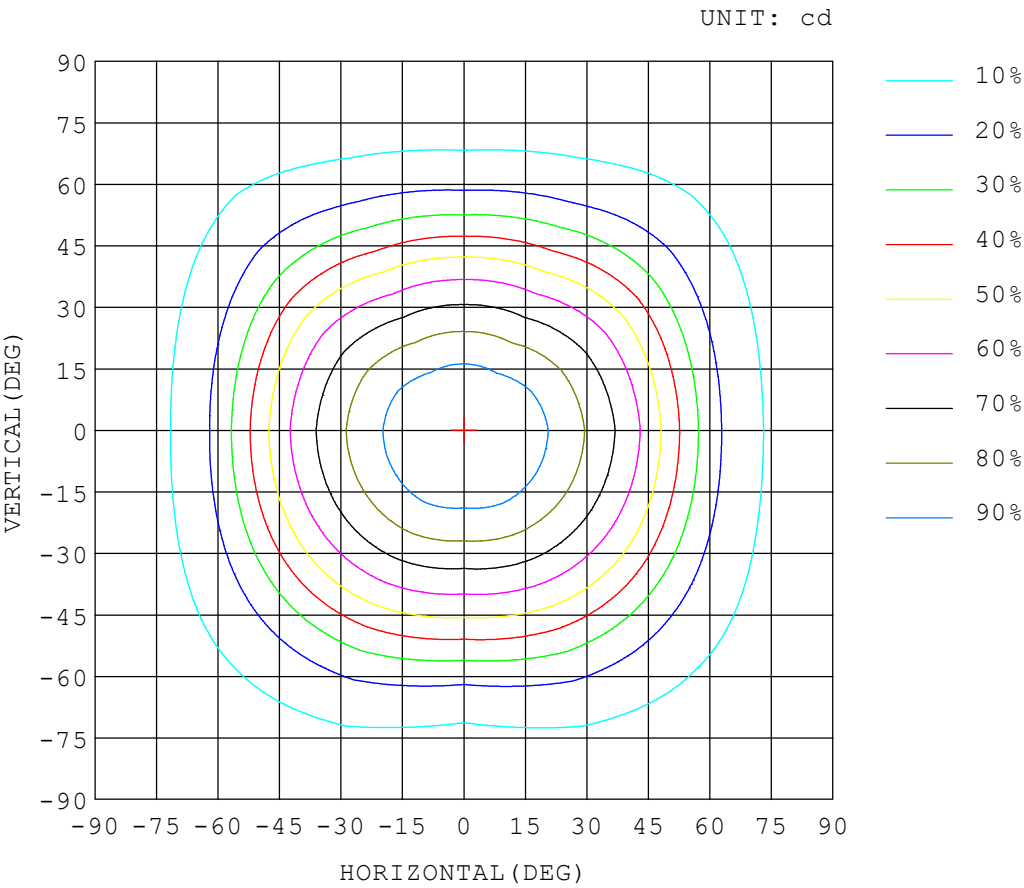
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.500 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 PEGGY PRISMATIC	TYPE: 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 1200*145*44 MM	SERIAL No.:



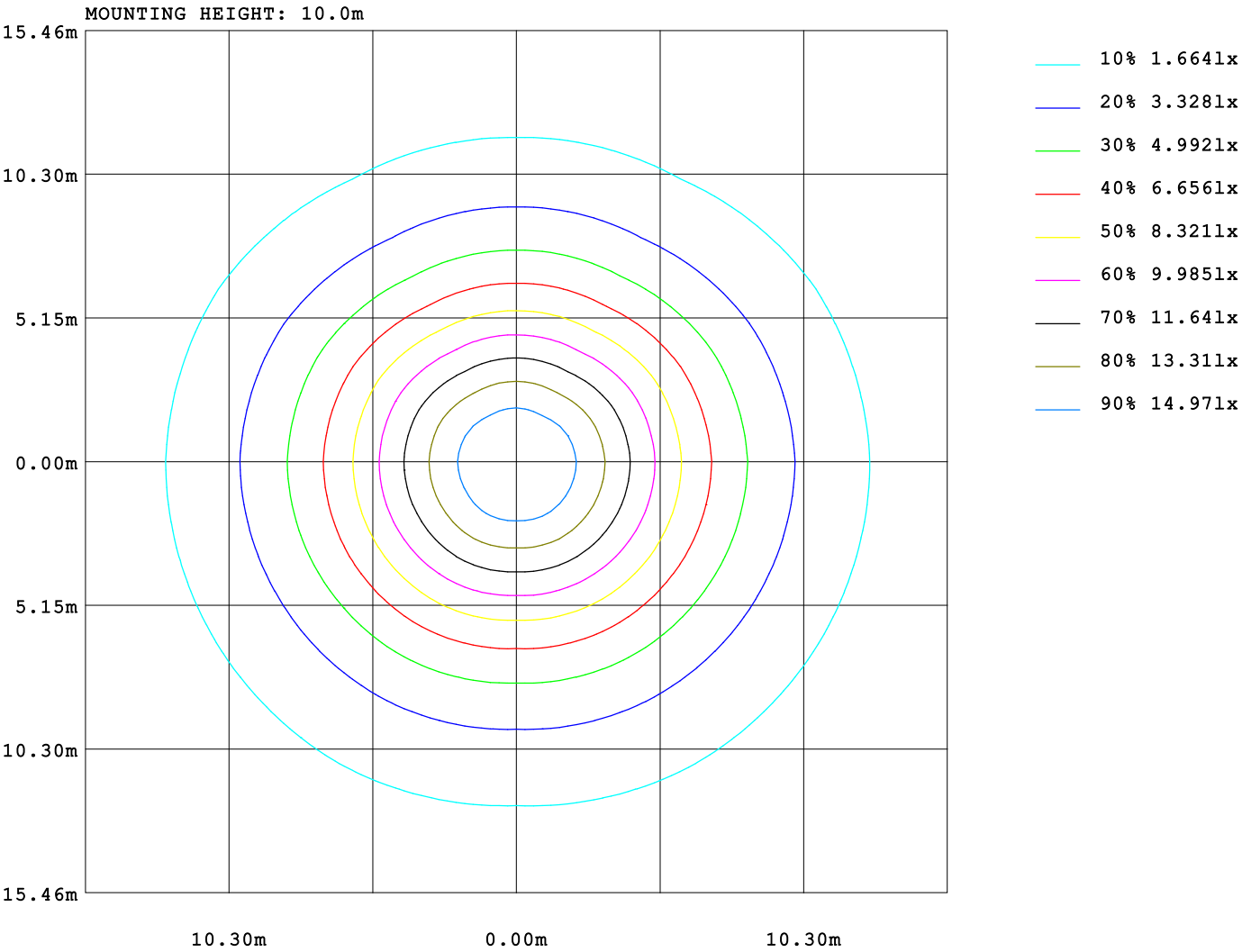
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.500 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 PEGGY PRISMATIC	TYPE: 3000K 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:10.500 m
Remarks: 3000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY

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

NAME: XTREME 145 PEGGY PRISMATIC

TYPE: 3000K CRI90

WEIGHT:

SPECIFICATION: FULHAM-800 MA

DIMENSION: 1200*145*44 MM

SERIAL No.:

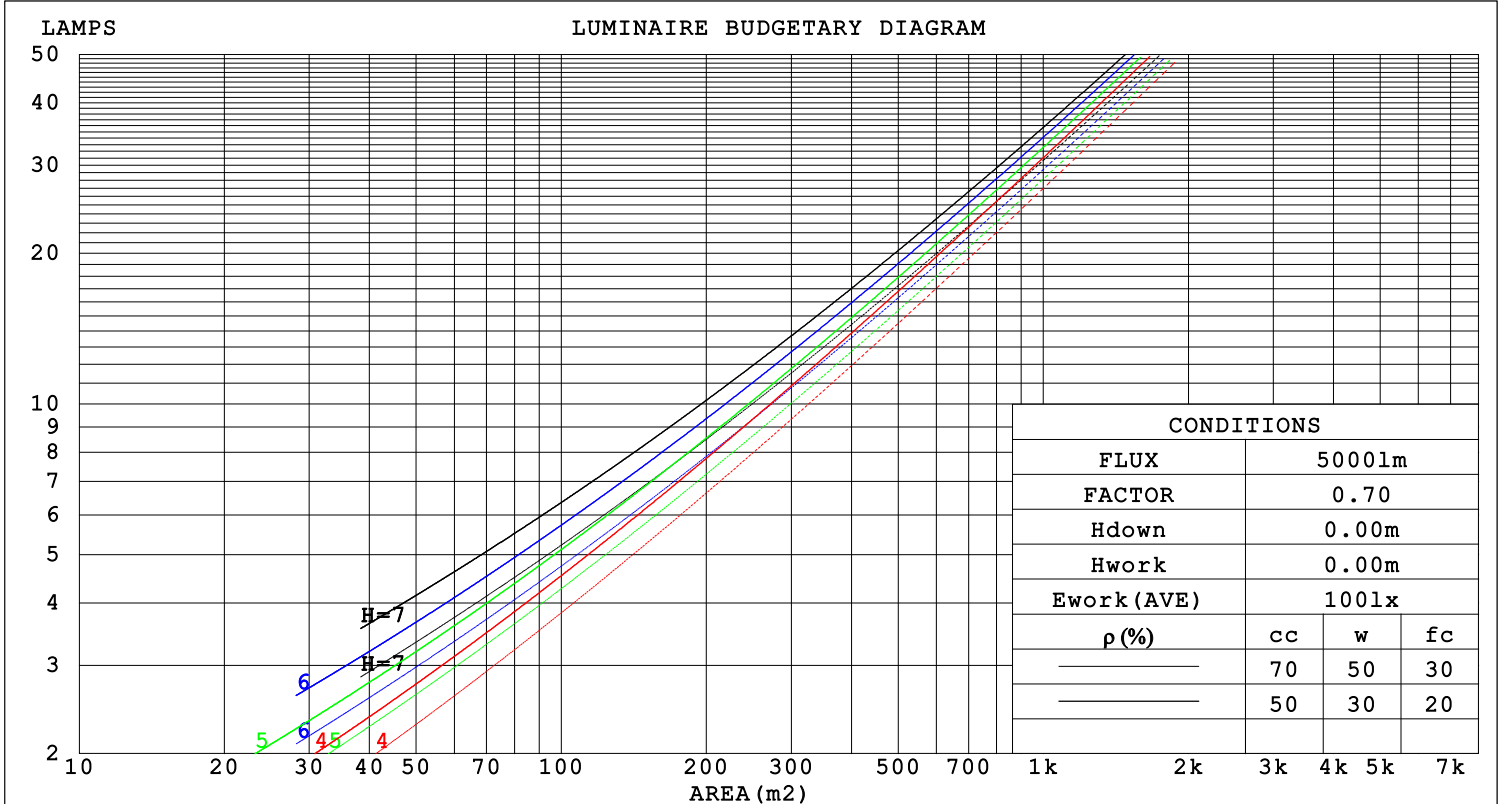
VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a								
	0.04	0.17	0.35	0.52	0.63	0.68	0.75	0.88	0.96	0.95	0.87	0.74	0.68	0.64	0.54	0.38	0.20	0.06	10.0	0.00										
90																														
80	0.06	0.29	0.73	1.28	1.74	2.13	2.50	2.87	3.04	3.04	2.88	2.51	2.13	1.75	1.29	0.78	0.34	0.08	29.4	0.00										
70	0.08	0.44	1.17	2.16	3.20	4.28	5.27	6.11	6.47	6.46	6.11	5.28	4.29	3.19	2.15	1.22	0.50	0.10	58.5	36.5										
60	0.09	0.59	1.62	3.22	5.27	7.62	9.94	11.9	12.9	12.9	11.9	9.92	7.62	5.28	3.21	1.67	0.66	0.12	107	101										
50	0.11	0.74	2.08	4.52	8.21	12.5	16.6	20.1	22.2	22.2	20.1	16.7	12.6	8.29	4.58	2.15	0.81	0.13	175	171										
40	0.12	0.86	2.55	6.02	11.7	18.4	24.2	28.6	31.4	31.4	28.7	24.3	18.5	11.9	6.16	2.66	0.94	0.15	249	246										
30	0.13	0.96	2.99	7.59	15.2	23.7	30.7	35.9	39.2	39.1	35.9	30.8	23.8	15.4	7.80	3.14	1.05	0.16	314	312										
	0.14	1.03	3.34	8.93	17.8	27.2	35.6	41.8	45.3	45.3	41.8	35.7	27.5	18.1	9.18	3.53	1.14	0.17	364	362										
	0.15	1.07	3.53	9.75	19.4	29.2	38.1	45.2	49.0	49.0	45.4	38.4	29.6	19.7	10.0	3.77	1.18	0.18	393	391										
	0.15	1.07	3.55	9.81	19.5	29.3	38.3	45.4	49.5	49.6	45.7	38.7	29.8	19.9	10.1	3.79	1.19	0.18	396	394										
	0.14	1.04	3.38	9.10	18.2	27.7	36.2	43.1	46.9	47.0	43.3	36.6	28.1	18.6	9.38	3.60	1.15	0.17	374	372										
	0.14	0.97	3.04	7.81	15.8	24.5	32.3	38.3	41.4	41.5	38.5	32.6	24.9	16.1	8.07	3.23	1.07	0.17	331	329										
-30	0.12	0.87	2.61	6.23	12.5	20.0	26.8	31.8	34.1	34.2	31.9	27.0	20.3	12.8	6.45	2.77	0.97	0.15	272	270										
-40	0.11	0.75	2.13	4.73	8.96	14.5	20.0	23.9	25.7	25.7	24.0	20.2	14.8	9.17	4.90	2.26	0.83	0.14	203	200										
-50	0.10	0.61	1.65	3.39	6.05	9.42	12.8	15.2	16.3	16.3	15.3	13.0	9.58	6.20	3.52	1.76	0.68	0.12	132	127										
-60	0.08	0.46	1.21	2.31	3.83	5.68	7.38	8.24	8.43	8.45	8.30	7.46	5.77	3.93	2.40	1.30	0.53	0.10	75.9	65.4										
-70	0.06	0.32	0.80	1.47	2.28	3.18	3.89	4.13	4.07	4.07	4.14	3.91	3.22	2.34	1.52	0.86	0.37	0.08	40.7	7.47										
-80	0.05	0.19	0.41	0.72	1.09	1.49	1.74	1.77	1.70	1.71	1.79	1.77	1.52	1.13	0.75	0.45	0.23	0.06	18.6	0.00										
-90																														
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)														20	30	40	50	60	70	80	90
Φ t	1.86	12.4	37.2	89.6	172	262	344	406	439	440	407	346	265	175	92.1	39.3	13.8	2.33	3549											
Φ a	0.00	0.94	26.5	80.0	162	253	335	397	430	430	398	337	256	166	82.6	29.2	2.30	0.00		3393										

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:10.500 m
 Remarks: 3000K

Report number:

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	.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:10.500 m
Remarks: 3000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: XTREME 145 PEGGY PRISMATIC								TYPE: 3000K 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:10.500 m
 Remarks: 3000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: XTREME 145 PEGGY PRISMATIC					TYPE: 3000K 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	20.5	21.9	20.7	22.0	22.2	20.3	21.7	20.6	21.9	22.1
	3H	21.1	22.4	21.4	22.6	22.9	21.0	22.3	21.3	22.5	22.7
	4H	21.5	22.7	21.8	22.9	23.2	21.3	22.5	21.6	22.7	23.0
	6H	21.7	22.9	22.1	23.2	23.4	21.5	22.6	21.8	22.9	23.2
	8H	21.9	23.0	22.2	23.2	23.5	21.6	22.7	21.9	23.0	23.3
	12H	21.9	23.0	22.3	23.3	23.6	21.7	22.8	22.1	23.1	23.4
4H	2H	20.8	22.0	21.1	22.2	22.5	20.7	21.9	21.0	22.1	22.4
	3H	21.6	22.7	22.0	23.0	23.3	21.6	22.6	21.9	22.9	23.2
	4H	22.1	23.1	22.5	23.4	23.7	22.0	23.0	22.4	23.3	23.6
	6H	22.5	23.4	22.9	23.7	24.1	22.4	23.2	22.8	23.6	23.9
	8H	22.7	23.5	23.1	23.8	24.2	22.6	23.4	23.0	23.7	24.1
	12H	22.8	23.6	23.3	23.9	24.3	22.7	23.5	23.2	23.8	24.2
8H	4H	22.3	23.1	22.7	23.4	23.8	22.2	23.0	22.6	23.3	23.7
	6H	22.8	23.5	23.3	23.9	24.3	22.8	23.4	23.2	23.8	24.2
	8H	23.1	23.7	23.6	24.1	24.6	23.1	23.7	23.5	24.1	24.5
	12H	23.3	23.8	23.8	24.3	24.8	23.4	23.9	23.8	24.3	24.8
12H	4H	22.3	23.0	22.7	23.4	23.8	22.2	22.9	22.6	23.3	23.7
	6H	22.9	23.5	23.4	23.9	24.4	22.8	23.4	23.3	23.8	24.3
	8H	23.2	23.7	23.7	24.2	24.6	23.2	23.7	23.7	24.2	24.6
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					+ 0.6 / - 1.0				

CIE Pub.117 Corrected 3549 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.4)

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:10.500 m
Remarks: 3000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 PEGGY PRISMATIC	TYPE: 3000K 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	63	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		

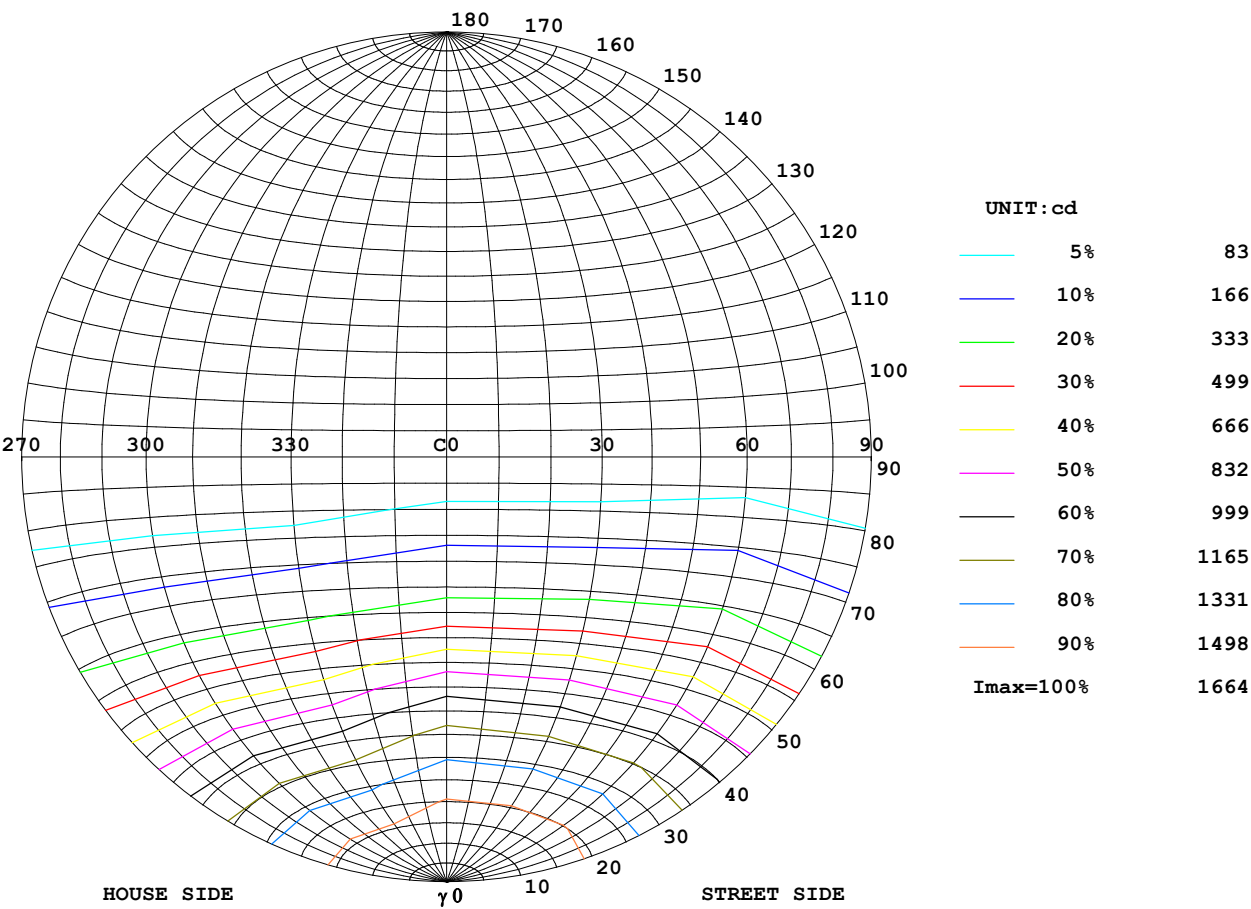
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:03-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.500 m
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 PEGGY PRISMATIC	TYPE: 3000K 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:10.500 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 PEGGY PRISMATIC	TYPE: 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 1200*145*44 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 16.64 lx



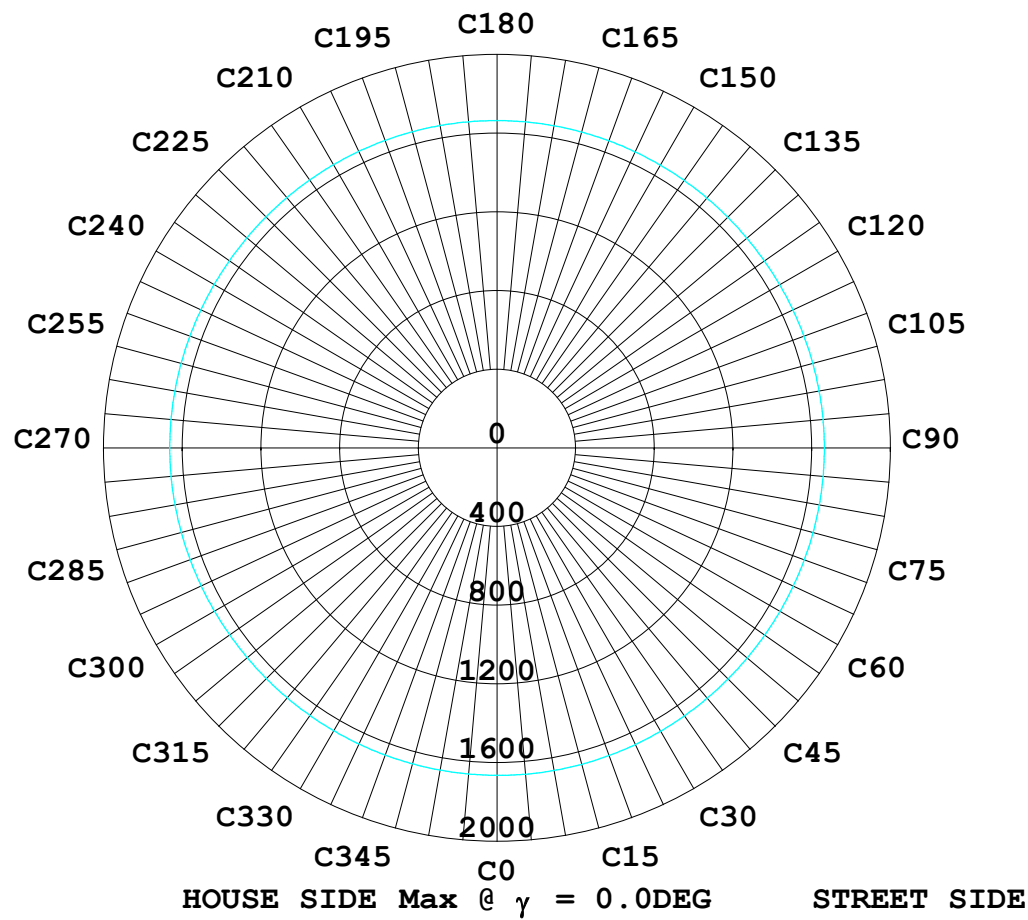
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.500 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 PEGGY PRISMATIC	TYPE: 3000K 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:10.500 m
Remarks: 3000K

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: 3000K 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	1664	1663	1661	1664	1659	1660	1664	1663	1661	1664	1659	1660
5.0	1656	1655	1659	1657	1657	1651	1651	1648	1640	1643	1637	1646
10.0	1625	1626	1629	1624	1628	1618	1618	1611	1592	1596	1589	1613
15.0	1573	1574	1576	1564	1573	1564	1567	1555	1520	1521	1516	1556
20.0	1507	1505	1500	1480	1497	1494	1494	1477	1425	1422	1422	1480
25.0	1421	1415	1403	1378	1400	1402	1408	1384	1316	1311	1313	1389
30.0	1320	1310	1290	1258	1286	1295	1304	1275	1191	1181	1190	1280
35.0	1212	1193	1169	1132	1165	1179	1190	1153	1056	1049	1059	1159
40.0	1087	1063	1036	997	1031	1048	1068	1023	915	902	917	1030
45.0	941	919	892	852	887	902	923	873	756	742	757	880
50.0	767	758	741	697	734	741	746	701	591	575	592	710
55.0	574	577	579	534	574	564	559	530	455	424	456	538
60.0	406	413	437	379	431	403	384	388	320	293	317	393
65.0	278	298	320	263	316	289	259	274	226	205	225	275
70.0	200	208	228	181	226	200	183	193	156	145	157	191
75.0	146	144	159	126	158	137	130	135	103	98.3	103	133
80.0	96.2	97.3	108	85.2	108	93.6	81.2	89.9	60.0	58.7	59.9	90.9
85.0	52.4	56.3	69.5	52.4	68.1	54.1	40.2	45.7	24.6	28.2	24.1	47.7
90.0	19.5	19.7	34.3	25.4	33.1	18.1	12.2	14.1	9.04	13.1	9.04	14.5

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
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Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
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Remarks: 3000K