

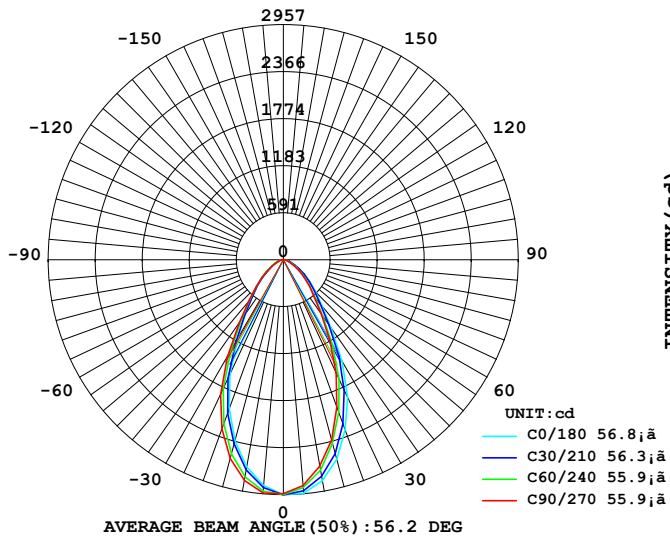
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

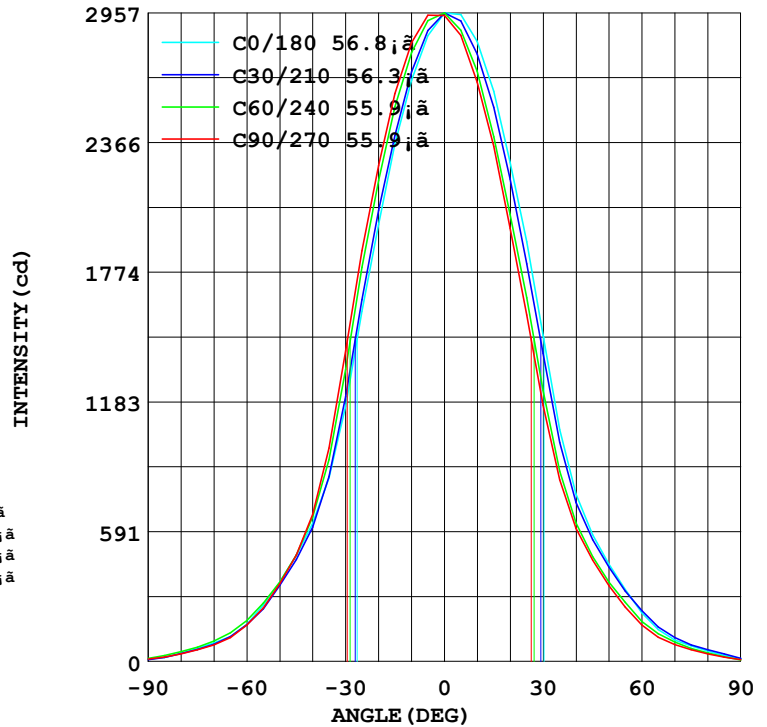
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 PEGGY DUO (XTD)	TYPE: 3000K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*44 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	2968	S/MH (C0/180)	0.80
MODEL	PEGGY DUO (XTD)	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.89
NOMINAL POWER (W)	35	TOTAL FLUX (lm)	3209.8	Voltage (V)	219.8
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	92.4	Current (A)	0.170
NOMINAL FLUX (lm)	3209.9	η up (%)	0.0	Power (W)	34.72
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.980
TEST VOLTAGE (V)	219.8	Effective Flux (lm)	2846.1	EEI	0.166

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 05-17-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 8.000 m
Remarks: 3000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 PEGGY DUO (XTD)	TYPE: 3000K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*44 MM	SERIAL No.:

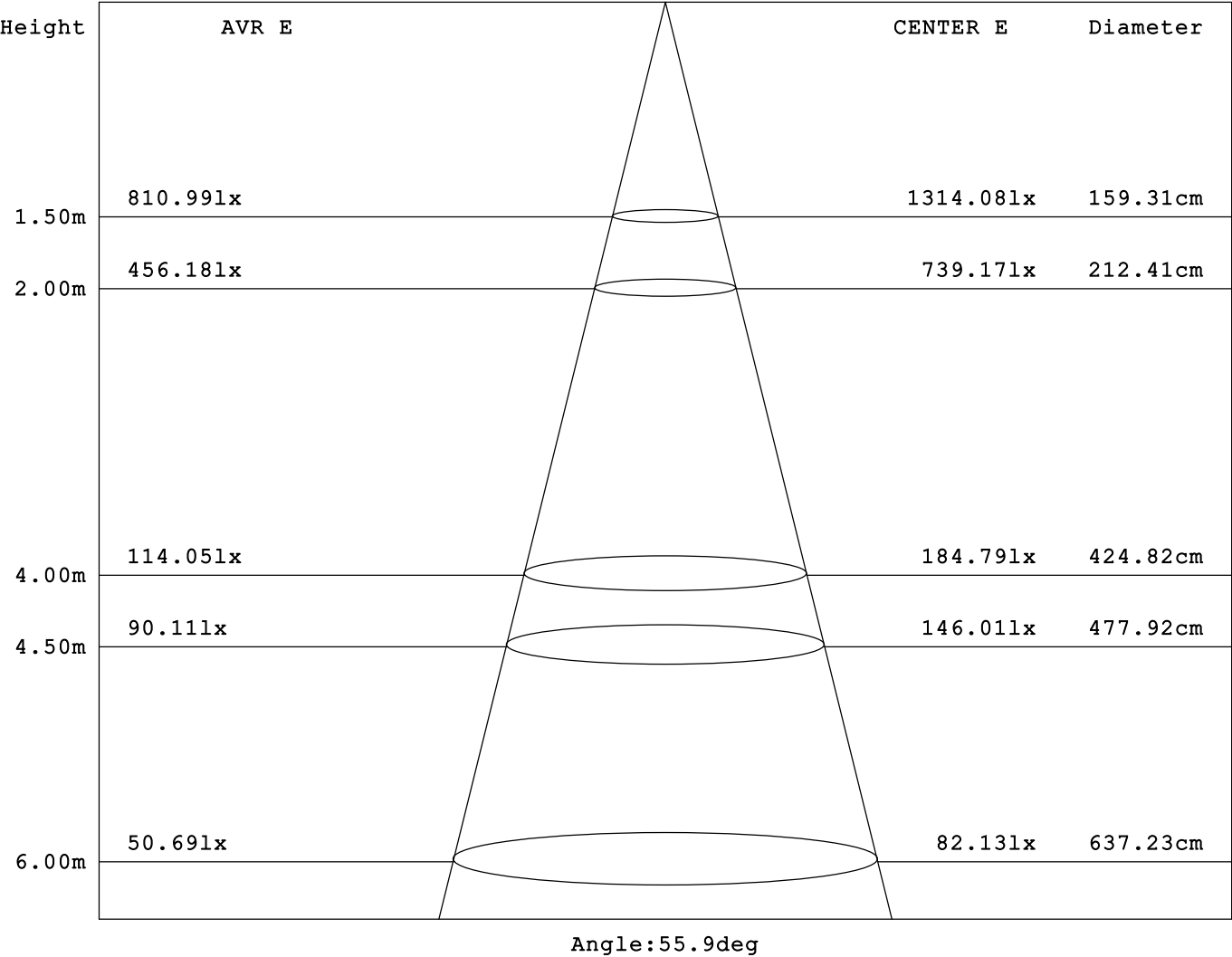
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-17-2025

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

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 PEGGY DUO (XTD)	TYPE: 3000K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*44 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 3000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 PEGGY DUO (XTD)	TYPE: 3000K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*44 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	2651	2732	2821	2854	2826	2730	2641	2617	0- 10	271.5	271.5
20.0	1993	2124	2261	2327	2274	2119	1974	1937	10- 20	687.4	958.9
30.0	1164	1269	1416	1520	1487	1319	1168	1128	20- 30	790.8	1750
40.0	630.1	634.9	670.3	750.2	762.4	678.1	605.7	596.9	30- 40	593.5	2343
50.0	360.9	353.4	354.2	413.9	443.3	395.4	345.4	341.4	40- 50	393.1	2736
60.0	168.7	176.1	166.2	215.6	221.1	206.9	166.2	169.0	50- 60	247.5	2984
70.0	83.64	85.15	74.81	103.7	97.53	98.01	77.05	80.28	60- 70	131.7	3116
80.0	36.73	40.32	34.81	50.43	47.61	45.66	34.88	34.97	70- 80	67.20	3183
90.0	10.62	11.10	10.94	15.42	11.96	10.43	7.680	5.056	80- 90	26.93	3210
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:05-17-2025

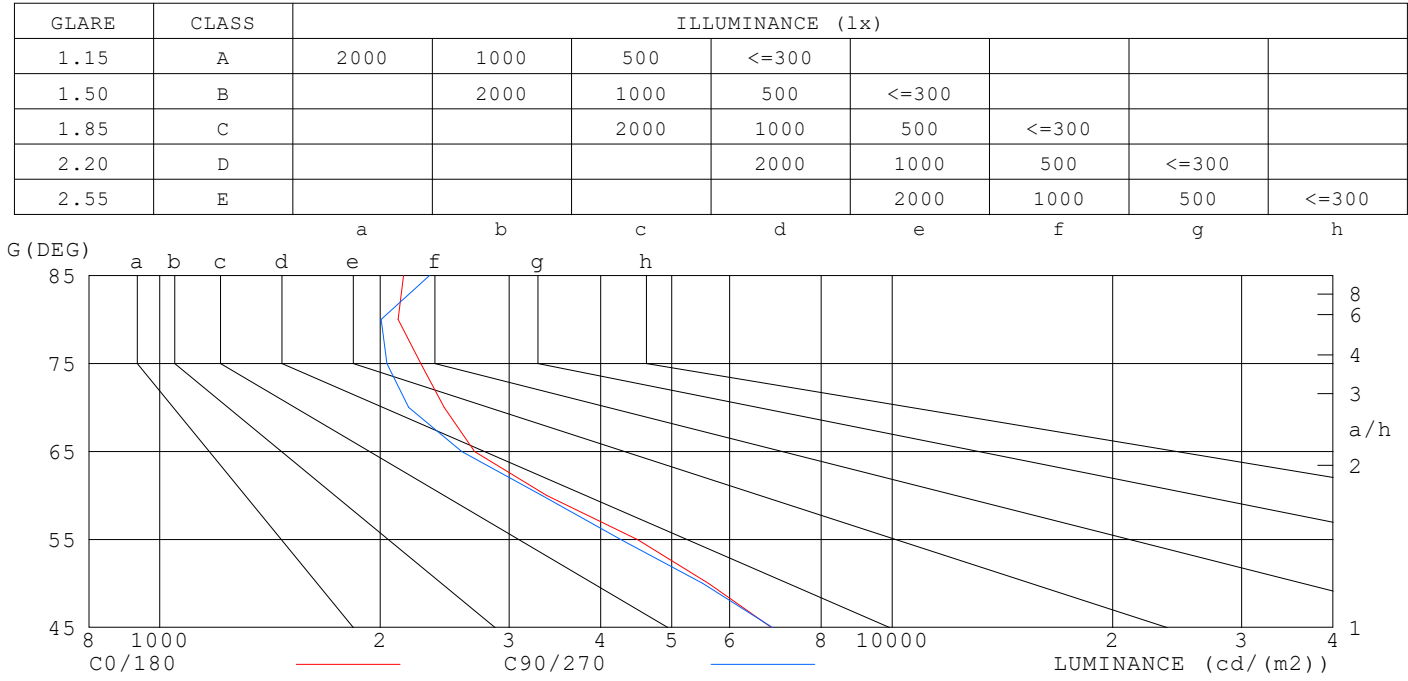
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 3000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 PEGGY DUO (XTD)	TYPE: 3000K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*44 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	2152	2335
80	2116	2005
75	2272	2043
70	2446	2187
65	2691	2584
60	3374	3324
55	4489	4260
50	5616	5511
45	6848	6867

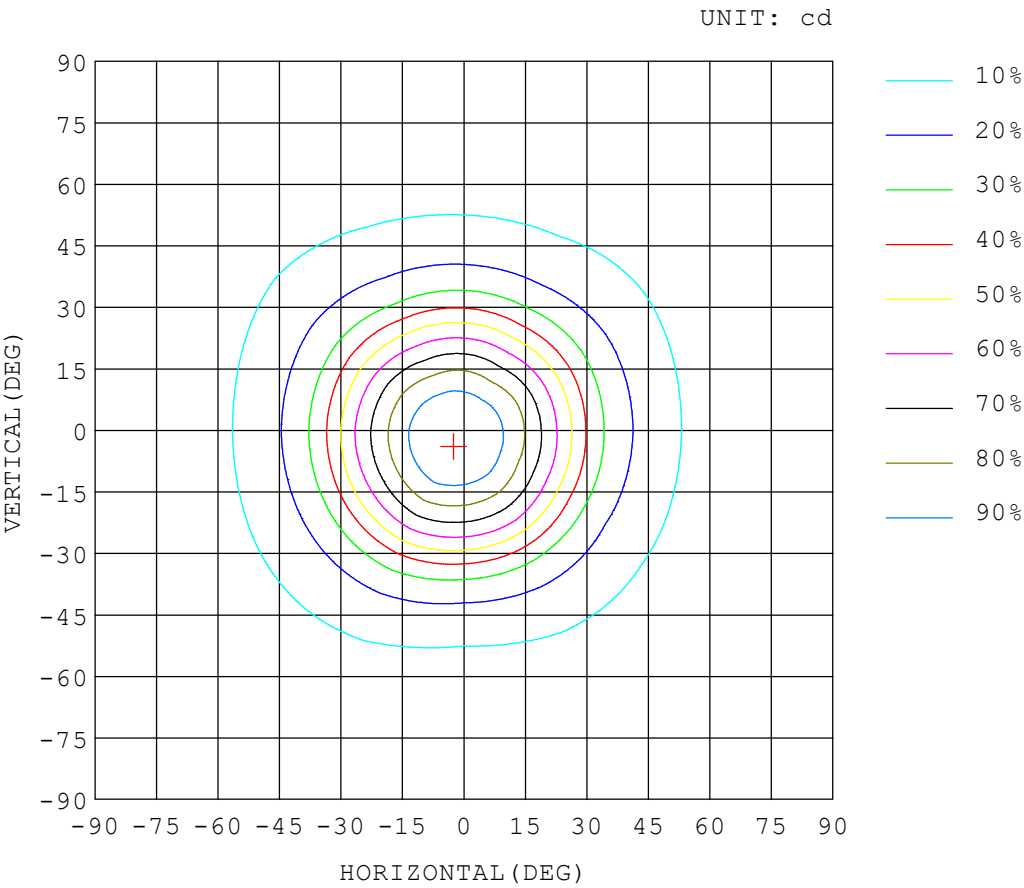
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-17-2025

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 PEGGY DUO (XTD)	TYPE: 3000K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*44 MM	SERIAL No.:



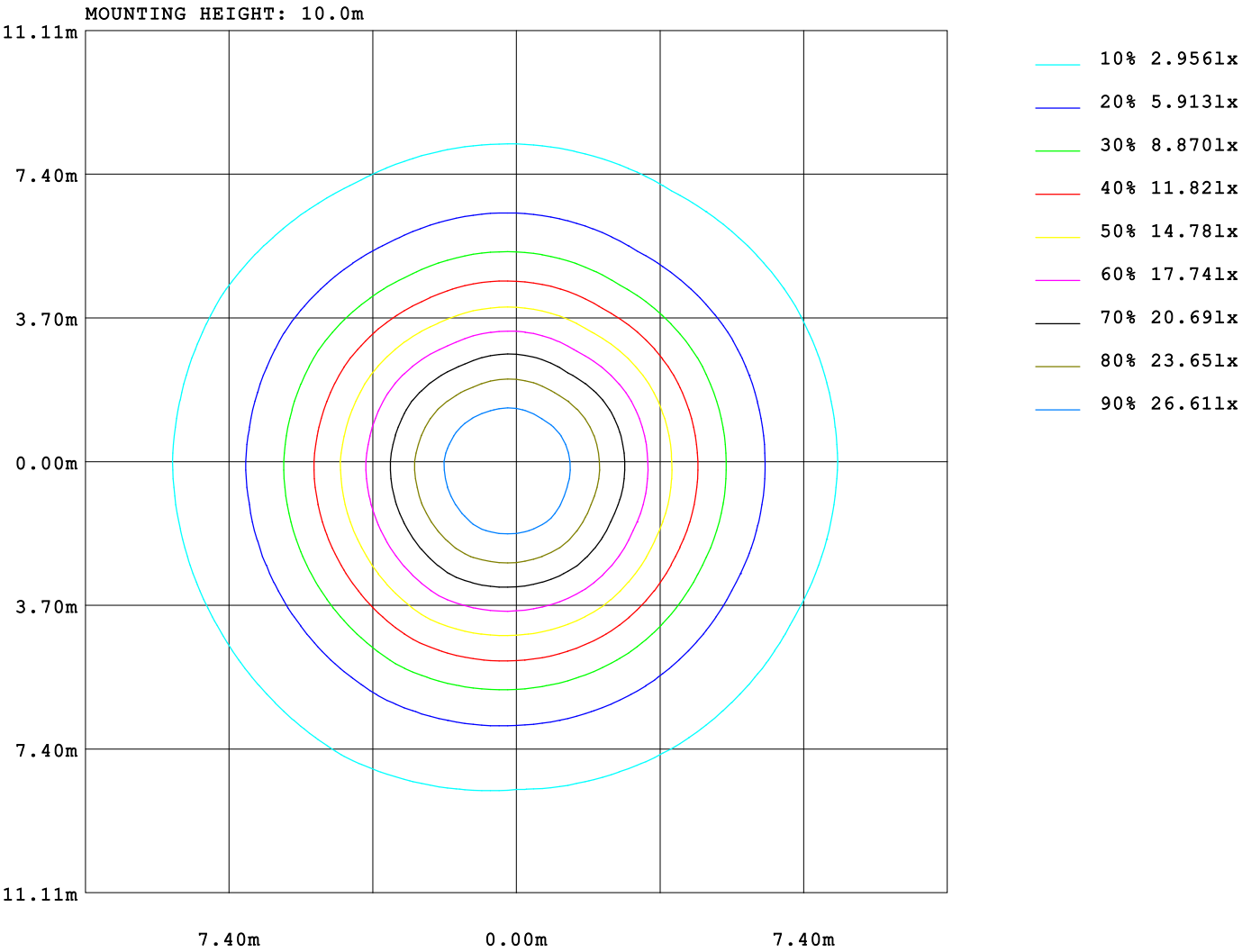
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 PEGGY DUO (XTD)	TYPE: 3000K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*44 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 3000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS

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

NAME: XTREME 145 PEGGY DUO (XTD)

TYPE: 3000K CRI 90

WEIGHT:

SPECIFICATION:

DIMENSION: 1200*145*44 MM

SERIAL No.:

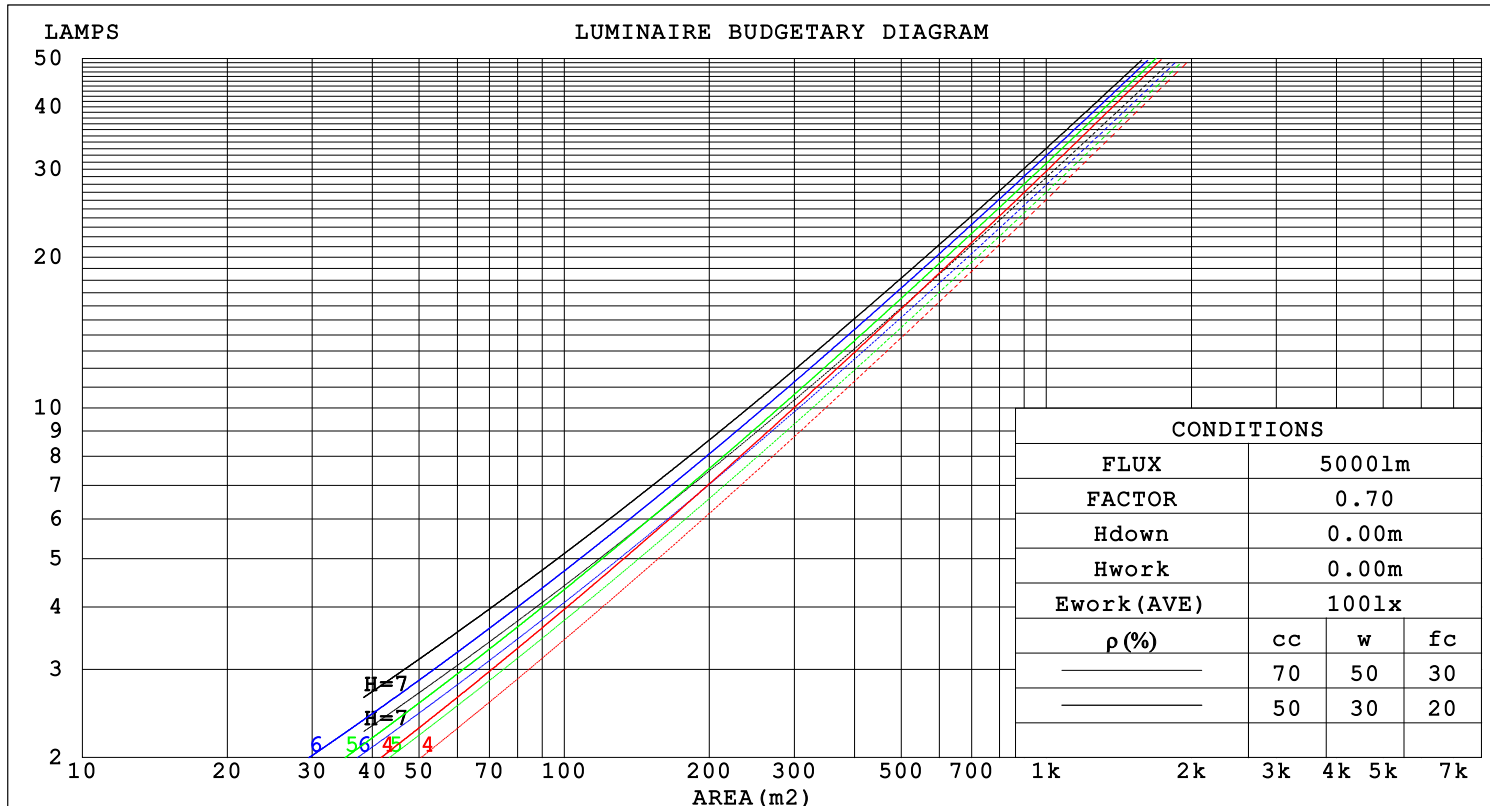
90	AREA FLUX DIAGRAM																UNIT:lm			Φ t	Φ a
	0.04	0.14	0.28	0.41	0.48	0.52	0.55	0.60	0.62	0.59	0.51	0.41	0.34	0.29	0.23	0.16	0.09	0.03	6.28	0.00	
80	0.05	0.21	0.49	0.79	1.05	1.27	1.47	1.63	1.68	1.63	1.48	1.24	1.02	0.81	0.57	0.32	0.13	0.03	15.9	0.00	
70	0.06	0.28	0.69	1.23	1.81	2.42	2.95	3.39	3.56	3.46	3.12	2.57	2.01	1.47	0.97	0.52	0.20	0.04	30.7	0.00	
60	0.07	0.36	0.91	1.81	3.01	4.39	5.77	7.01	7.63	7.41	6.41	4.98	3.65	2.43	1.44	0.73	0.26	0.04	58.3	6.17	
50	0.07	0.42	1.15	2.59	4.87	7.57	10.2	12.6	14.0	13.7	11.7	9.04	6.34	3.87	2.04	0.94	0.33	0.05	102	74.5	
40	0.08	0.48	1.41	3.53	7.12	11.5	16.5	21.8	25.6	24.8	20.0	14.7	9.95	5.80	2.75	1.14	0.39	0.06	168	152	
30	0.09	0.53	1.67	4.48	9.34	16.3	27.1	39.4	47.0	45.4	35.3	23.2	14.0	7.78	3.52	1.34	0.44	0.06	277	266	
VERTICAL (DEG)	0.09	0.57	1.88	5.28	11.2	21.8	40.9	59.3	69.4	67.2	53.9	34.4	18.1	9.43	4.18	1.49	0.47	0.07	400	390	
	0.09	0.58	1.99	5.74	12.4	26.2	50.2	72.6	84.8	82.2	66.3	42.2	21.1	10.4	4.56	1.56	0.49	0.07	484	475	
	0.09	0.58	1.98	5.72	12.5	26.6	51.2	74.4	87.4	84.8	67.6	43.0	21.2	10.3	4.52	1.55	0.48	0.07	495	485	
	0.09	0.56	1.85	5.20	11.2	22.6	43.8	65.2	77.1	74.7	59.0	36.1	18.2	9.30	4.08	1.46	0.46	0.07	431	421	
	0.08	0.52	1.62	4.35	9.22	16.9	30.5	47.1	55.8	53.7	41.6	25.2	13.9	7.54	3.37	1.29	0.43	0.06	314	302	
-30	0.08	0.47	1.36	3.35	6.92	11.9	18.6	26.2	30.4	29.2	23.2	16.0	10.0	5.50	2.59	1.09	0.38	0.06	188	172	
-40	0.07	0.41	1.10	2.44	4.73	7.89	11.3	14.0	15.2	14.8	12.9	9.95	6.59	3.75	1.89	0.88	0.32	0.05	109	84.9	
-50	0.06	0.34	0.86	1.71	3.02	4.76	6.57	7.62	7.86	7.63	6.99	5.71	3.96	2.42	1.32	0.68	0.25	0.04	61.8	10.5	
-60	0.06	0.27	0.65	1.17	1.88	2.73	3.47	3.75	3.66	3.55	3.44	3.05	2.30	1.53	0.91	0.49	0.19	0.04	33.1	0.00	
-70	0.05	0.20	0.45	0.77	1.14	1.54	1.83	1.86	1.74	1.69	1.70	1.60	1.29	0.91	0.56	0.30	0.13	0.03	17.8	0.00	
-80	0.04	0.13	0.26	0.42	0.59	0.76	0.84	0.80	0.72	0.69	0.71	0.70	0.59	0.42	0.26	0.16	0.09	0.03	8.21	0.00	
-90																					
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90																					
Φ t	1.24	7.09	20.6	51.0	103	188	324	460	535	518	416	275	155	84.1	39.8	16.1	5.52	0.90	3210		
Φ a	0.00	0.00	0.00	16.8	76.9	164	301	437	513	495	394	251	130	56.1	5.14	0.00	0.00	0.00		2846	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks: 3000K

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	1.08	1.05	1.02	1.06	1.03	1.01	1.02	.00	.98	.98	.96	.95	.95	.93	.92	.90														
2.0	.99	.94	.89	.97	.92	.88	.93	.90	.86	.90	.87	.84	.87	.85	.83	.81														
3.0	.90	.84	.79	.89	.83	.78	.86	.81	.77	.83	.79	.76	.81	.78	.75	.73														
4.0	.83	.76	.71	.81	.75	.70	.79	.74	.70	.77	.72	.69	.75	.71	.68	.66														
5.0	.76	.69	.64	.75	.69	.64	.73	.68	.63	.72	.67	.63	.70	.66	.62	.60														
6.0	.71	.64	.59	.70	.63	.58	.68	.62	.58	.67	.61	.57	.65	.61	.57	.55														
7.0	.66	.59	.54	.65	.58	.54	.64	.58	.53	.62	.57	.53	.61	.56	.53	.51														
8.0	.61	.54	.50	.61	.54	.50	.60	.54	.49	.58	.53	.49	.57	.53	.49	.47														
9.0	.57	.51	.46	.57	.50	.46	.56	.50	.46	.55	.50	.46	.54	.49	.46	.44														
10.0	.54	.47	.43	.54	.47	.43	.53	.47	.43	.52	.46	.43	.51	.46	.43	.41														



Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 3000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: XTREME 145 PEGGY DUO (XTD)								TYPE: 3000K CRI 90			WEIGHT:			
SPECIFICATION:								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	.225	.128	.041	.218	.124	.040	.205	.118	.038	.193	.112	.036	.183	.106	.034	
2.0	.214	.117	.036	.208	.115	.035	.197	.110	.034	.187	.105	.033	.177	.100	.032	
3.0	.201	.107	.032	.196	.105	.032	.187	.101	.031	.178	.097	.030	.170	.094	.029	
4.0	.189	.098	.029	.185	.097	.029	.177	.094	.028	.169	.091	.027	.162	.088	.027	
5.0	.178	.091	.026	.174	.089	.026	.167	.087	.026	.160	.084	.025	.154	.082	.025	
6.0	.168	.084	.024	.164	.083	.024	.158	.081	.024	.152	.079	.023	.146	.077	.023	
7.0	.159	.078	.022	.156	.078	.022	.150	.076	.022	.144	.074	.022	.139	.072	.021	
8.0	.150	.073	.021	.147	.073	.021	.142	.071	.020	.138	.070	.020	.133	.068	.020	
9.0	.142	.069	.019	.140	.068	.019	.135	.067	.019	.131	.066	.019	.127	.065	.019	
10.0	.135	.065	.018	.133	.064	.018	.129	.063	.018	.125	.062	.018	.121	.061	.018	

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	.174	.157	.141	.149	.135	.121	.102	.093	.084	.059	.054	.049	.019	.017	.016	
2.0	.162	.132	.107	.139	.114	.093	.095	.079	.065	.055	.046	.038	.018	.015	.012	
3.0	.151	.114	.084	.130	.098	.073	.089	.068	.051	.051	.040	.030	.017	.013	.010	
4.0	.142	.100	.067	.122	.086	.058	.084	.060	.041	.048	.035	.024	.016	.011	.008	
5.0	.134	.089	.055	.115	.077	.048	.079	.053	.034	.046	.031	.020	.015	.010	.007	
6.0	.127	.080	.046	.109	.069	.040	.075	.048	.028	.044	.028	.017	.014	.009	.006	
7.0	.120	.072	.039	.103	.063	.034	.071	.044	.024	.042	.026	.014	.013	.008	.005	
8.0	.114	.066	.033	.098	.057	.029	.068	.040	.021	.040	.024	.012	.013	.008	.004	
9.0	.109	.061	.029	.094	.053	.025	.065	.037	.018	.038	.022	.011	.012	.007	.004	
10.0	.104	.057	.025	.090	.049	.022	.062	.035	.016	.036	.021	.009	.012	.007	.003	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks: 3000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: XTREME 145 PEGGY DUO (XTD)					TYPE: 3000K CRI 90			WEIGHT:			
SPECIFICATION:					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	15.6	16.8	15.9	16.9	17.1	15.9	17.1	16.2	17.3	17.5
	3H	16.1	17.2	16.4	17.4	17.6	16.4	17.4	16.6	17.6	17.8
	4H	16.3	17.3	16.6	17.6	17.8	16.6	17.6	16.8	17.8	18.0
	6H	16.5	17.5	16.8	17.7	18.0	16.7	17.7	17.0	17.9	18.2
	8H	16.5	17.5	16.9	17.7	18.0	16.8	17.7	17.1	17.9	18.2
	12H	16.6	17.5	16.9	17.7	18.0	16.8	17.7	17.2	18.0	18.3
4H	2H	15.8	16.8	16.1	17.0	17.3	16.1	17.1	16.4	17.3	17.6
	3H	16.4	17.3	16.8	17.6	17.9	16.7	17.6	17.1	17.9	18.2
	4H	16.8	17.6	17.1	17.9	18.2	17.0	17.8	17.4	18.1	18.5
	6H	17.1	17.8	17.4	18.1	18.5	17.3	18.0	17.7	18.4	18.7
	8H	17.1	17.8	17.5	18.1	18.5	17.4	18.1	17.8	18.5	18.8
	12H	17.2	17.8	17.6	18.2	18.6	17.6	18.2	18.0	18.5	18.9
8H	4H	16.9	17.5	17.3	17.9	18.3	17.1	17.8	17.5	18.2	18.5
	6H	17.3	17.8	17.7	18.2	18.6	17.6	18.1	18.0	18.5	18.9
	8H	17.4	17.9	17.9	18.3	18.7	17.8	18.3	18.3	18.7	19.1
	12H	17.5	18.0	18.0	18.4	18.9	18.0	18.4	18.5	18.9	19.3
12H	4H	16.9	17.5	17.3	17.9	18.3	17.1	17.7	17.5	18.1	18.5
	6H	17.3	17.8	17.8	18.2	18.7	17.6	18.1	18.1	18.5	19.0
	8H	17.5	17.9	17.9	18.3	18.8	17.9	18.3	18.3	18.7	19.2
Variations with the observer position at spacings:											
S = 1.0H		+ 0.6 / - 0.8					+ 0.6 / - 0.8				
1.5H		+ 0.5 / - 0.7					+ 0.6 / - 0.6				
2.0H		+ 1.5 / - 1.3					+ 1.3 / - 1.4				

CIE Pub.117 Corrected 3210 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.1)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 3000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: XTREME 145 PEGGY DUO (XTD)	TYPE: 3000K CRI 90	WEIGHT:
SPECIFICATION:	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) $k(RI) \times RCR = 5$									
$k = 0.60$	75	66	61	74	66	61	73	65	61	56
0.80	83	75	70	83	75	70	81	74	69	64
1.00	90	82	77	89	82	77	87	82	76	71
1.25	95	88	83	94	87	83	92	86	82	77
1.50	99	92	88	98	91	87	95	90	86	80
2.00	103	98	93	102	97	92	99	94	91	85
2.50	106	101	96	104	99	96	101	97	94	87
3.00	108	103	100	106	102	99	103	99	96	89
4.00	111	107	104	109	105	102	105	102	100	92
5.00	112	109	106	110	107	105	106	104	102	94
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

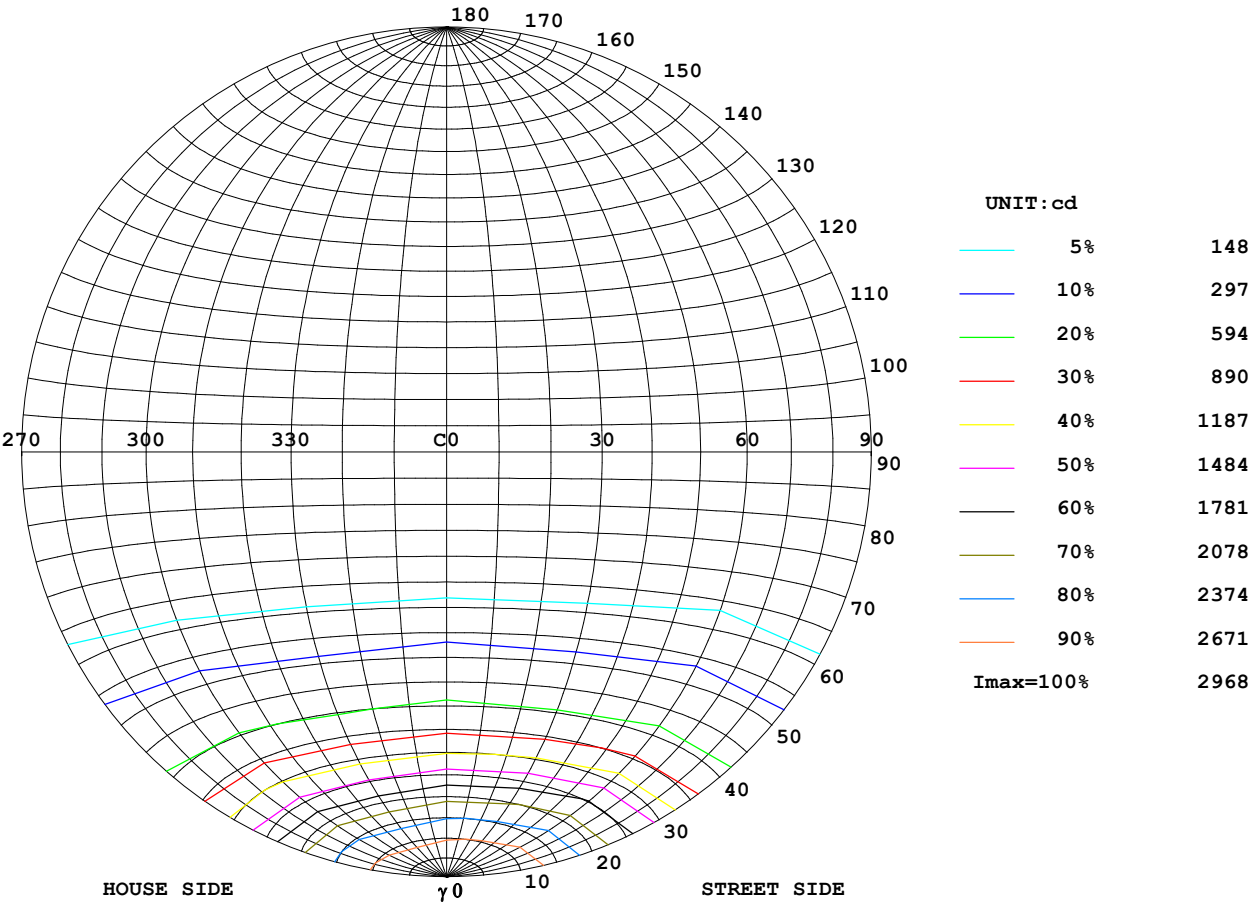
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 05-17-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.000 m
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 PEGGY DUO (XTD)	TYPE: 3000K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*44 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-17-2025

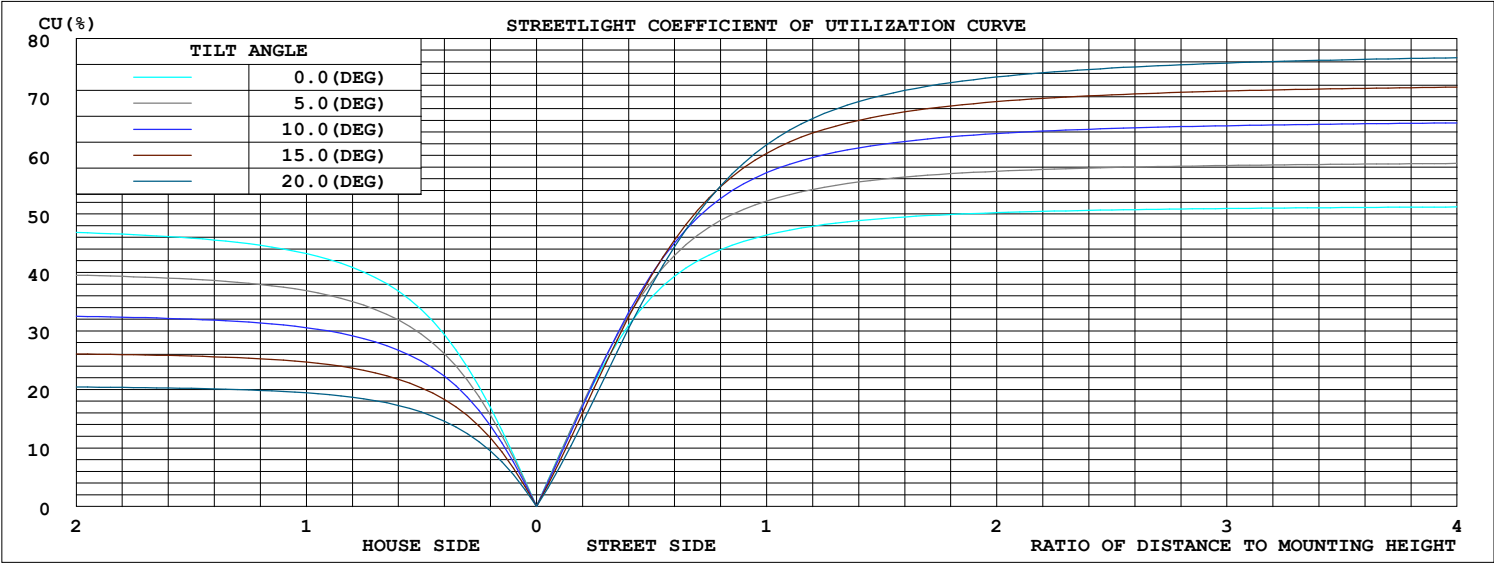
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 PEGGY DUO (XTD)	TYPE: 3000K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*44 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 29.57 lx



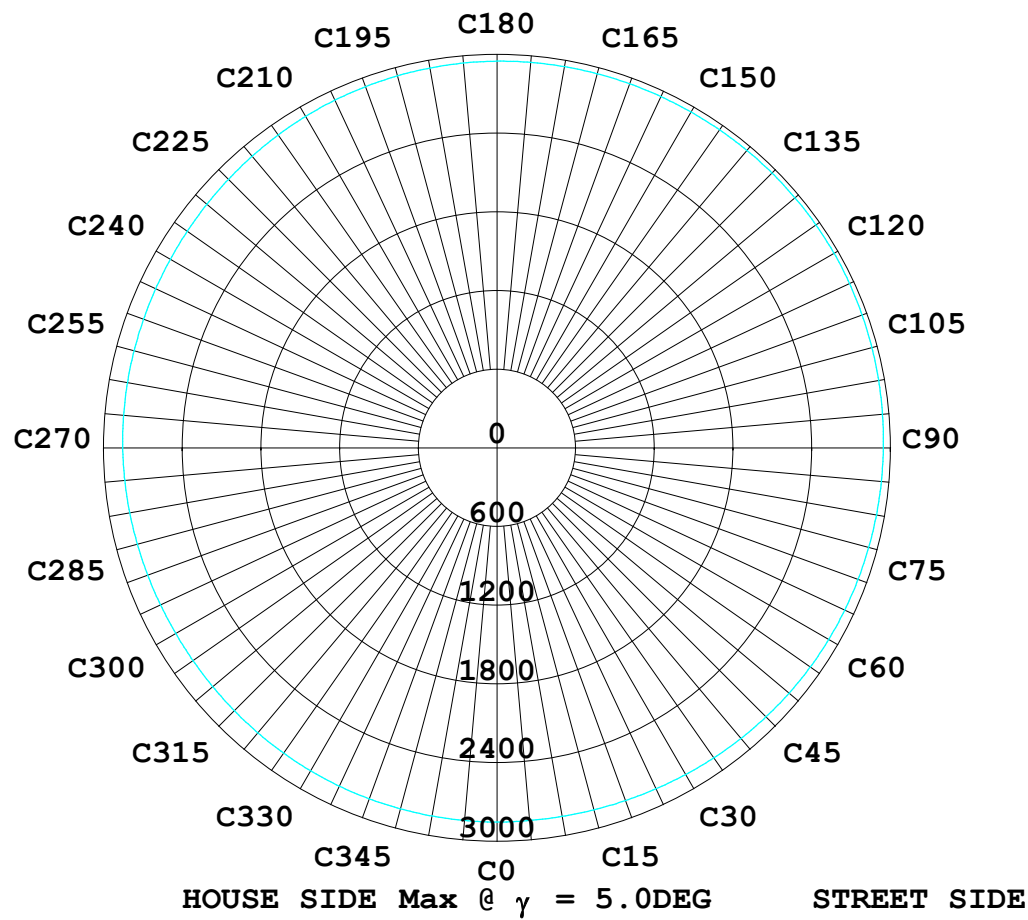
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 PEGGY DUO (XTD)	TYPE: 3000K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*44 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 3000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 PEGGY DUO (XTD)	TYPE: 3000K CRI 90	WEIGHT:
SPECIFICATION:	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	2957	2957	2956	2945	2954	2959	2957	2957	2956	2945	2954	2959
5.0	2853	2876	2921	2945	2968	2958	2949	2920	2877	2855	2829	2844
10.0	2651	2688	2776	2821	2865	2842	2826	2769	2691	2641	2607	2627
15.0	2360	2397	2529	2589	2653	2627	2599	2527	2392	2348	2276	2338
20.0	1993	2056	2192	2261	2349	2304	2274	2199	2038	1974	1907	1967
25.0	1596	1649	1796	1872	1973	1926	1914	1813	1658	1579	1513	1564
30.0	1164	1207	1332	1416	1532	1508	1487	1404	1234	1168	1098	1157
35.0	837	843	920	973	1073	1063	1057	999	867	828	778	831
40.0	630	612	658	670	753	747	762	725	632	606	576	618
45.0	484	465	486	486	547	557	577	556	477	461	435	478
50.0	361	346	361	354	407	421	443	430	361	345	324	359
55.0	257	239	266	244	302	309	328	320	270	248	228	259
60.0	169	167	185	166	217	214	221	232	182	166	159	179
65.0	114	113	130	109	150	147	145	158	126	111	109	124
70.0	83.6	77.5	92.8	74.8	107	101	97.5	108	87.9	77.0	74.7	85.8
75.0	58.8	54.2	65.3	52.8	75.5	70.0	70.4	75.7	59.3	53.9	49.4	60.1
80.0	36.7	36.3	44.2	34.8	52.3	48.5	47.6	52.7	38.5	34.8	30.3	39.6
85.0	18.7	17.5	26.9	20.3	33.4	30.9	27.0	33.8	20.9	19.1	13.8	19.3
90.0	10.6	8.12	14.0	10.9	17.4	13.4	11.9	13.7	7.10	7.68	3.90	6.20

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 3000K