

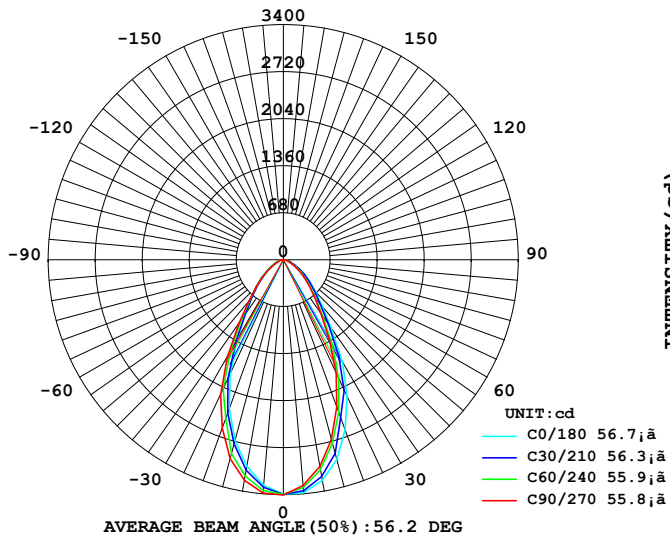
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

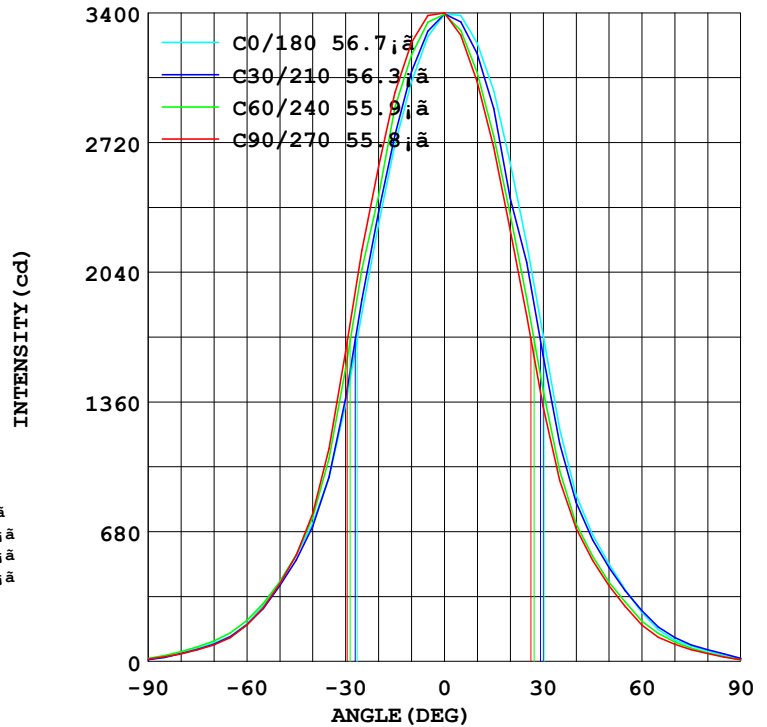
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: XTREME 145 PEGGY DUO (XTD)	TYPE: 4000K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*44 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	3412	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)	3687.1	Voltage (V)	219.8
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	106.6	Current (A)	0.172
NOMINAL FLUX (lm)	3687.2	η up (%)	0.0	Power (W)	34.59
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.980
TEST VOLTAGE (V)	219.8	Effective Flux (lm)	3280.3	EEI	0.144

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: 8.600 m
Remarks: 4000K

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: 4000K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*44 MM	SERIAL No.:

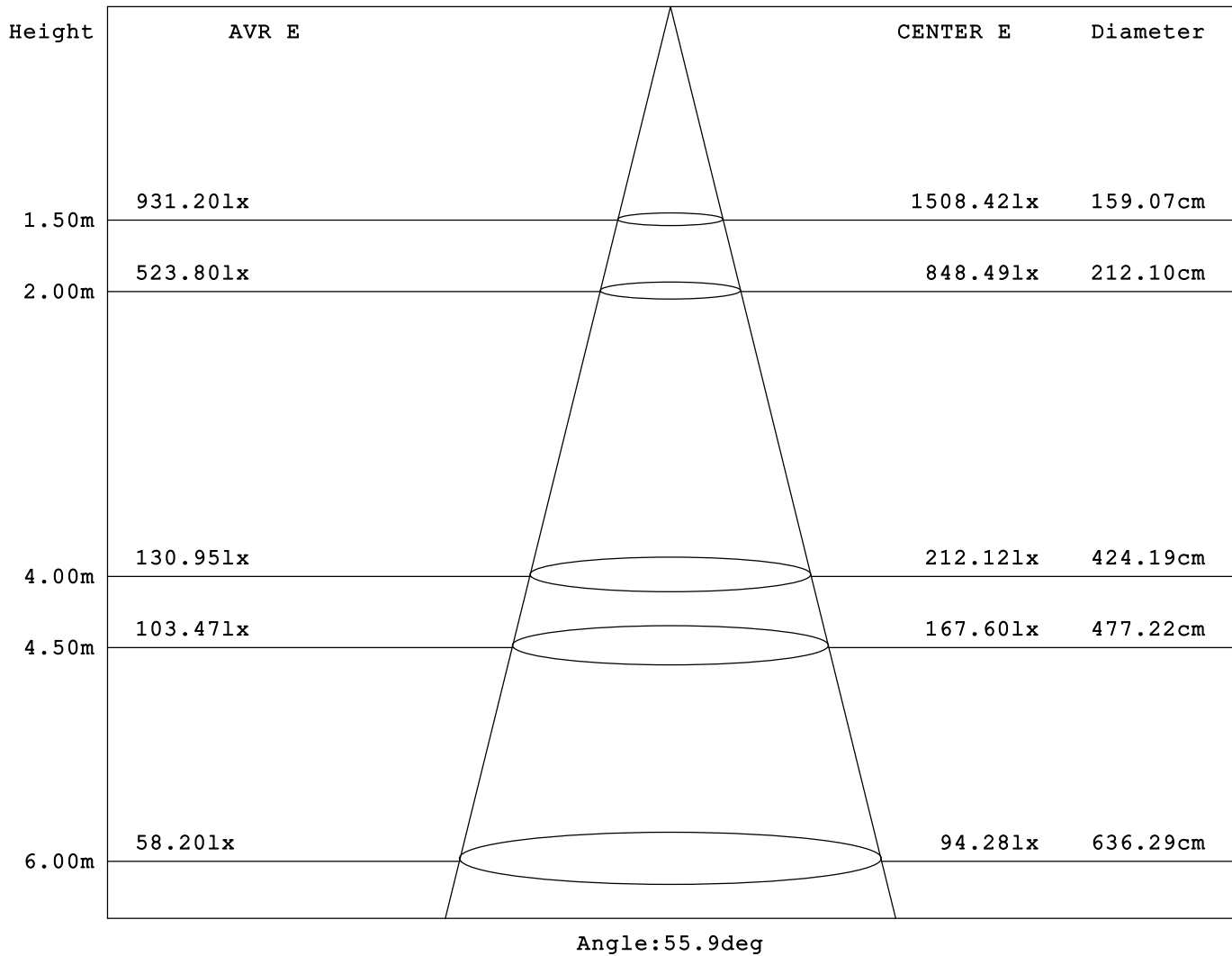
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.600 m
Remarks: 4000K

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: 4000K 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: 8.600 m
 Remarks: 4000K

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: 4000K 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	3039	3136	3245	3278	3242	3136	3039	3007	0- 10	311.8	311.8
20.0	2292	2397	2593	2675	2616	2387	2263	2225	10- 20	788.4	1100
30.0	1345	1458	1624	1747	1713	1514	1336	1296	20- 30	906.9	2007
40.0	722.6	730.5	774.5	863.5	872.2	778.4	698.9	686.9	30- 40	682.1	2690
50.0	417.2	406.9	406.9	476.6	510.1	454.2	395.8	393.2	40- 50	452.1	3142
60.0	195.3	202.9	190.8	248.3	255.3	238.2	190.8	194.9	50- 60	285.1	3427
70.0	96.07	98.14	86.82	119.5	111.9	113.0	89.41	92.74	60- 70	151.8	3579
80.0	42.74	46.55	40.08	58.13	54.36	52.65	40.60	40.41	70- 80	77.50	3656
90.0	12.20	12.79	12.64	17.67	13.68	11.94	8.949	5.879	80- 90	31.05	3687
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:8.600 m
 Remarks: 4000K

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: 4000K CRI 90

WEIGHT:

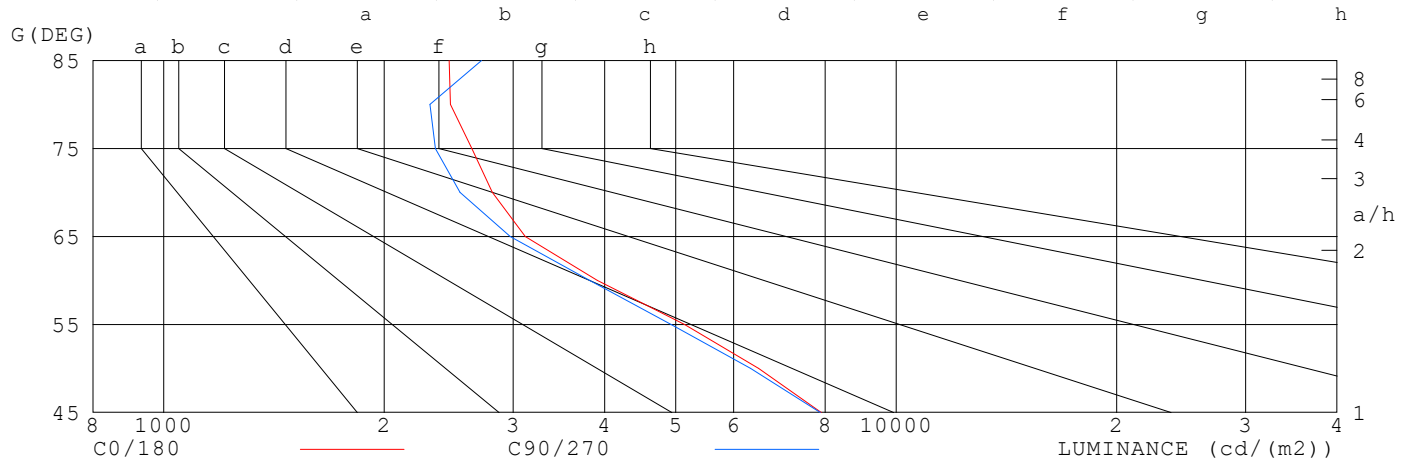
SPECIFICATION:

DIMENSION: 1200*145*44 MM

SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
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	2452	2716
80	2462	2308
75	2635	2349
70	2809	2539
65	3117	2972
60	3907	3816
55	5145	4931
50	6492	6331
45	7903	7883

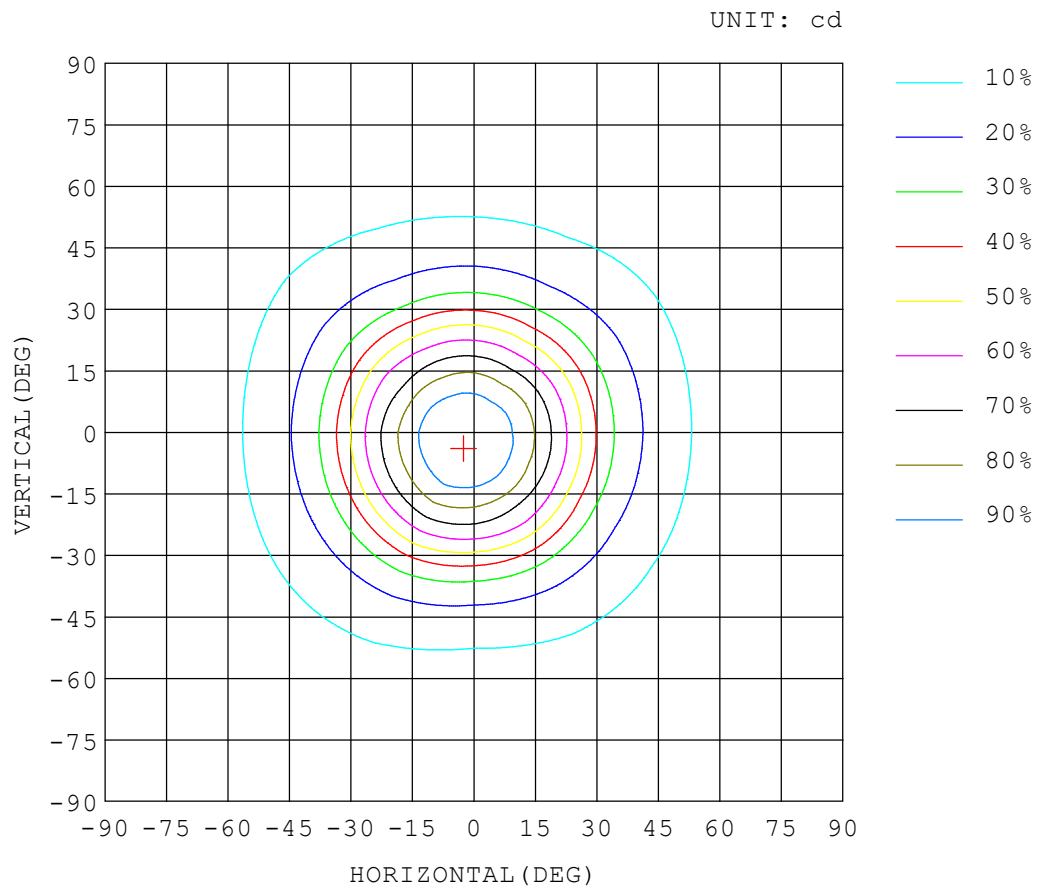
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 05-17-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 8.600 m
Remarks: 4000K

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: 4000K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*44 MM	SERIAL No.:



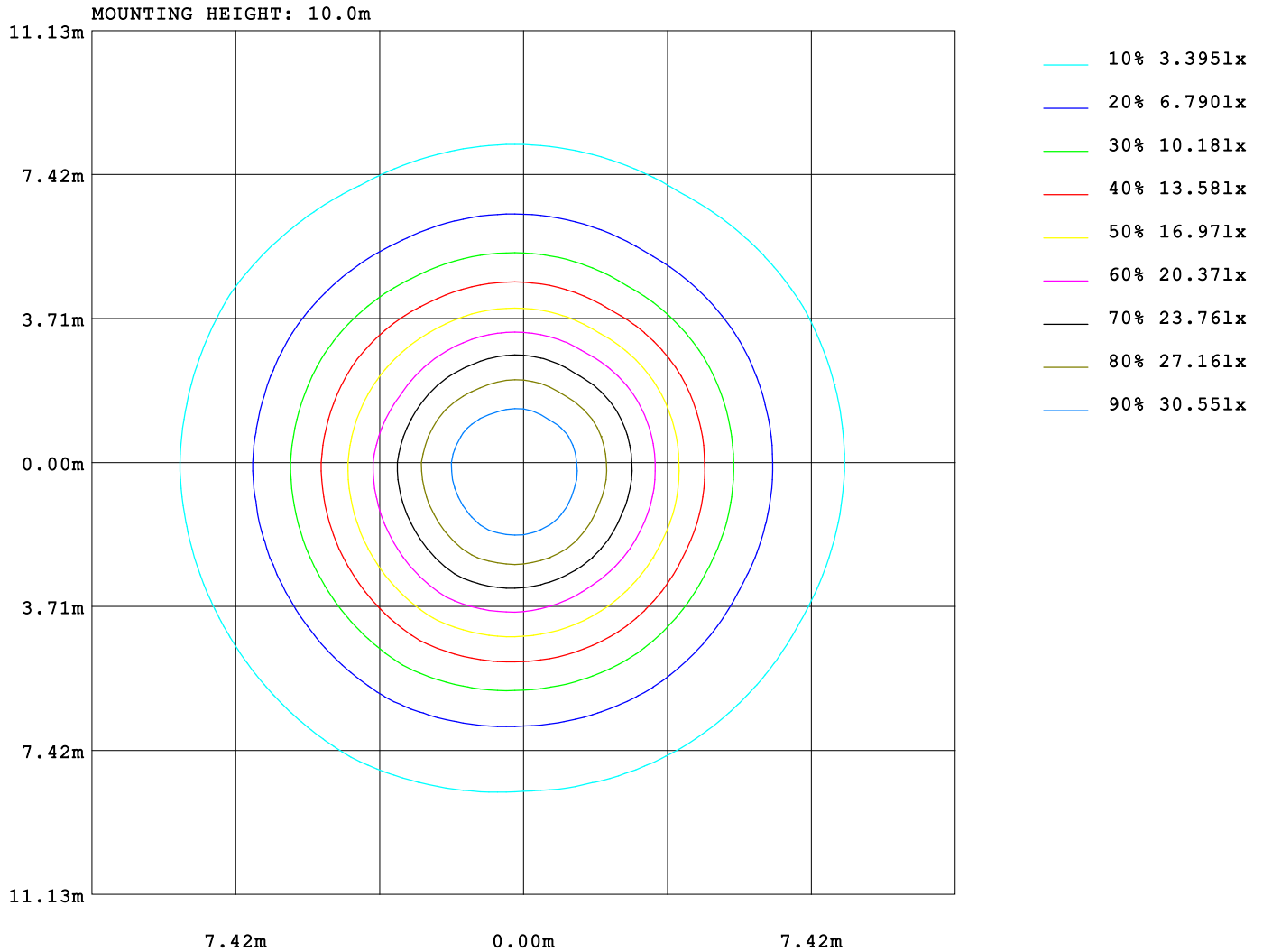
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.600 m
Remarks: 4000K

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: 4000K 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:8.600 m
Remarks: 4000K

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: 4000K CRI 90					WEIGHT:				
SPECIFICATION:										DIMENSION: 1200*145*44 MM					SERIAL No.:				

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm				Φ t	Φ a
	0.04	0.16	0.32	0.47	0.56	0.60	0.64	0.70	0.72	0.68	0.59	0.47	0.39	0.34	0.27	0.18	0.10	0.03	7.26	0.00				
90	0.05	0.24	0.56	0.92	1.21	1.47	1.70	1.89	1.95	1.88	1.71	1.44	1.18	0.94	0.66	0.37	0.16	0.04	18.3	0.00				
80	0.06	0.33	0.80	1.41	2.08	2.78	3.41	3.91	4.10	3.99	3.60	2.97	2.33	1.69	1.12	0.61	0.23	0.05	35.5	0.00				
70	0.07	0.41	1.05	2.09	3.46	5.07	6.67	8.09	8.80	8.54	7.39	5.75	4.22	2.80	1.67	0.84	0.31	0.05	67.3	7.30				
60	0.08	0.49	1.33	2.98	5.60	8.73	11.7	14.5	16.1	15.8	13.5	10.4	7.31	4.46	2.35	1.08	0.38	0.06	117	86.1				
50	0.09	0.56	1.63	4.06	8.20	13.2	18.9	25.0	29.4	28.5	23.0	16.9	11.4	6.68	3.17	1.32	0.45	0.07	193	175				
40	0.10	0.61	1.92	5.16	10.7	18.8	31.1	45.3	54.0	52.1	40.6	26.7	16.1	8.94	4.06	1.54	0.50	0.07	319	305				
30	0.10	0.65	2.17	6.07	12.9	25.1	46.9	67.5	79.7	77.3	61.9	39.5	20.8	10.8	4.81	1.72	0.54	0.08	459	448				
	0.10	0.67	2.29	6.60	14.3	30.1	57.4	82.9	97.4	94.5	76.1	48.5	24.3	12.0	5.25	1.81	0.56	0.08	555	545				
	0.10	0.67	2.28	6.57	14.3	30.6	58.9	85.5	101	97.3	77.7	49.4	24.4	11.9	5.21	1.80	0.56	0.08	568	558				
	0.10	0.65	2.13	5.98	12.9	25.9	50.3	75.0	88.7	85.3	67.2	41.4	20.9	10.7	4.70	1.68	0.53	0.08	495	483				
-30	0.10	0.60	1.87	5.00	10.5	19.4	35.1	54.2	64.2	61.5	47.8	29.0	16.0	8.67	3.89	1.49	0.49	0.07	361	347				
-40	0.09	0.54	1.57	3.85	7.97	13.7	21.4	30.2	35.0	33.5	26.7	18.4	11.5	6.34	2.98	1.26	0.44	0.07	216	198				
-50	0.08	0.47	1.27	2.80	5.44	9.09	13.0	16.2	17.6	17.0	14.8	11.4	7.59	4.31	2.17	1.01	0.37	0.06	125	97.9				
-60	0.07	0.39	0.99	1.97	3.48	5.49	7.58	8.78	9.06	8.80	8.05	6.58	4.57	2.79	1.53	0.78	0.29	0.05	71.3	12.2				
-70	0.06	0.31	0.74	1.34	2.17	3.15	4.01	4.33	4.22	4.09	3.97	3.51	2.66	1.76	1.05	0.56	0.22	0.05	38.2	0.00				
-80	0.05	0.23	0.52	0.89	1.32	1.79	2.12	2.15	2.01	1.95	1.97	1.85	1.50	1.05	0.65	0.34	0.15	0.04	20.6	0.00				
-90	0.04	0.15	0.30	0.48	0.68	0.87	0.97	0.93	0.83	0.79	0.82	0.81	0.68	0.48	0.30	0.19	0.11	0.03	9.47	0.00				
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)				20	30	40	50	60	70	80	90				
Φ t	1.42	8.14	23.7	58.7	118	216	372	528	615	594	478	316	178	96.8	45.8	18.6	6.38	1.03	3687					
Φ a	0.00	0.00	0.00	19.4	88.7	189	346	502	589	568	452	288	150	64.8	5.93	0.00	0.00	0.00		3280				

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

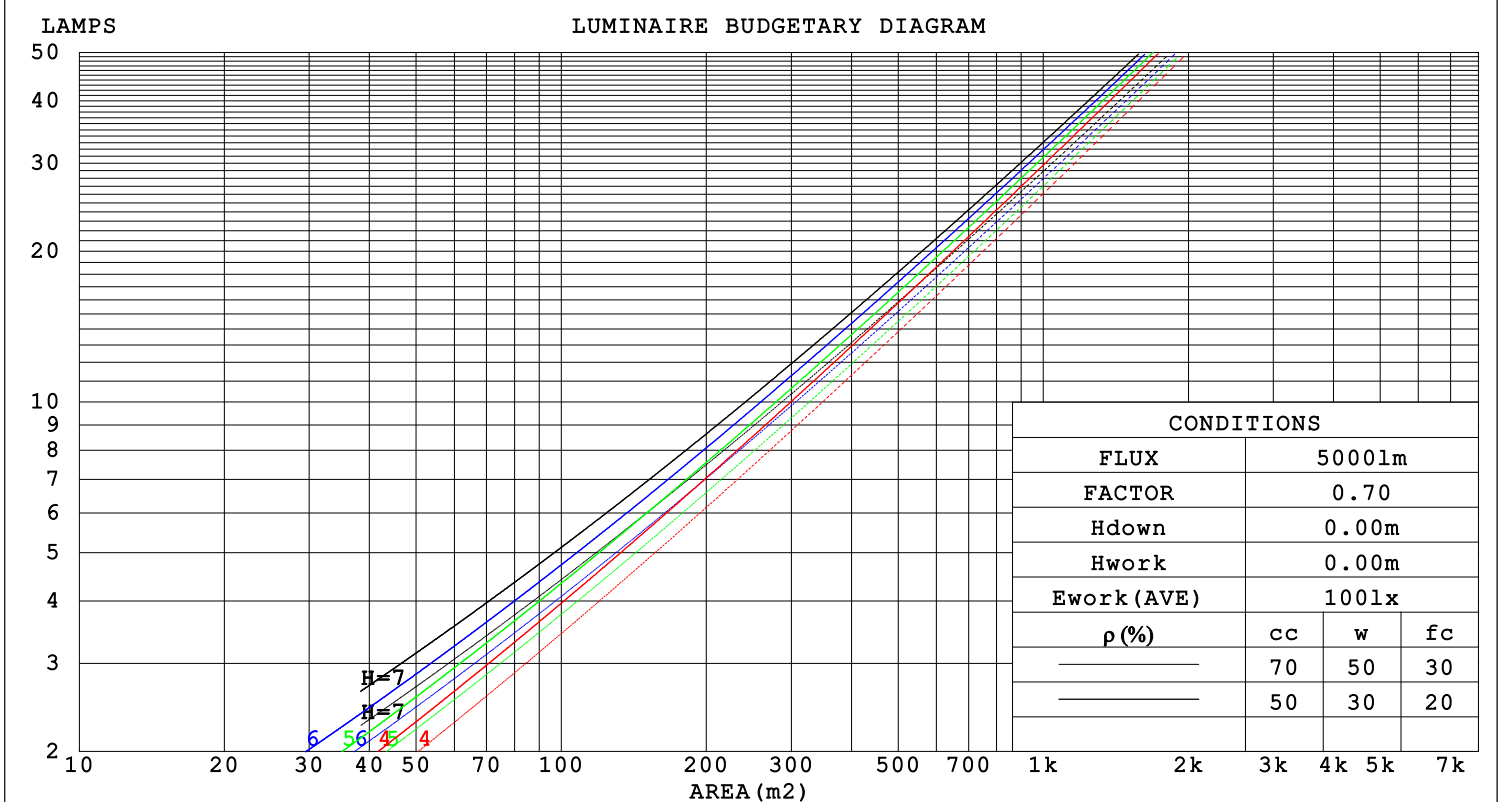
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.600 m
 Remarks: 4000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: XTREME 145 PEGGY DUO (XTD)								TYPE: 4000K CRI 90				WEIGHT:			
SPECIFICATION:								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	1.08	1.05	1.02	1.06	1.03	1.01	1.02	.98	.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	.69	.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	.58	.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	.52	.49	.47														
9.0	.57	.51	.46	.57	.50	.46	.56	.50	.46	.55	.50	.46	.54	.49	.45	.44														
10.0	.54	.47	.43	.54	.47	.43	.53	.47	.43	.52	.46	.43	.51	.46	.43	.41														



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:8.600 m
Remarks: 4000K

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: 4000K 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	.194	.112	.036	.183	.106	.034															
2.0	.214	.117	.036	.208	.115	.035	.197	.110	.034	.187	.105	.033	.178	.100	.032															
3.0	.201	.107	.032	.196	.105	.032	.187	.101	.031	.178	.098	.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	.085	.025	.154	.082	.025															
6.0	.168	.084	.024	.165	.083	.024	.158	.081	.024	.152	.079	.023	.146	.077	.023															
7.0	.159	.078	.022	.156	.078	.022	.150	.076	.022	.145	.074	.022	.139	.072	.021															
8.0	.150	.073	.021	.148	.073	.021	.142	.071	.020	.138	.070	.020	.133	.068	.020															
9.0	.143	.069	.019	.140	.068	.019	.136	.067	.019	.131	.066	.019	.127	.065	.019															
10.0	.136	.065	.018	.133	.064	.018	.129	.063	.018	.125	.062	.018	.122	.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	.049	.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:8.600 m
 Remarks: 4000K

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: 4000K 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		16.1	17.3	16.4	17.5	17.6	16.4	17.6	16.7	17.8	17.9
	3H	16.6	17.7	16.9	17.9	18.1	16.9	17.9	17.1	18.1	18.3
	4H	16.8	17.8	17.1	18.1	18.3	17.0	18.1	17.3	18.3	18.5
	6H	17.0	18.0	17.3	18.2	18.5	17.2	18.2	17.5	18.4	18.7
	8H	17.1	18.0	17.4	18.2	18.5	17.3	18.2	17.6	18.4	18.7
	12H	17.1	18.0	17.4	18.2	18.5	17.3	18.2	17.7	18.5	18.8
4H	2H	16.3	17.3	16.6	17.5	17.8	16.6	17.6	16.9	17.8	18.1
	3H	16.9	17.8	17.3	18.1	18.4	17.2	18.1	17.5	18.4	18.7
	4H	17.3	18.1	17.6	18.4	18.7	17.5	18.3	17.9	18.6	19.0
	6H	17.6	18.3	18.0	18.6	19.0	17.8	18.5	18.2	18.9	19.2
	8H	17.6	18.3	18.0	18.7	19.0	18.0	18.6	18.4	19.0	19.3
	12H	17.7	18.3	18.1	18.7	19.1	18.1	18.7	18.5	19.0	19.4
8H	4H	17.4	18.1	17.8	18.4	18.8	17.6	18.3	18.0	18.7	19.0
	6H	17.8	18.3	18.2	18.7	19.1	18.1	18.6	18.5	19.0	19.5
	8H	17.9	18.4	18.4	18.8	19.3	18.3	18.8	18.8	19.2	19.6
	12H	18.1	18.5	18.5	18.9	19.4	18.5	18.9	19.0	19.4	19.8
12H	4H	17.4	18.0	17.8	18.4	18.8	17.6	18.2	18.0	18.6	19.0
	6H	17.8	18.3	18.3	18.7	19.2	18.1	18.6	18.6	19.0	19.5
	8H	18.0	18.4	18.5	18.8	19.3	18.4	18.8	18.8	19.2	19.7
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					+ 1.2 / - 1.4					

CIE Pub.117 Corrected 3687 lm Total Lamp Luminous Flux. (8log(F/F0) = 4.5)

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

 Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.600 m
 Remarks: 4000K

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: 4000K 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	96	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		

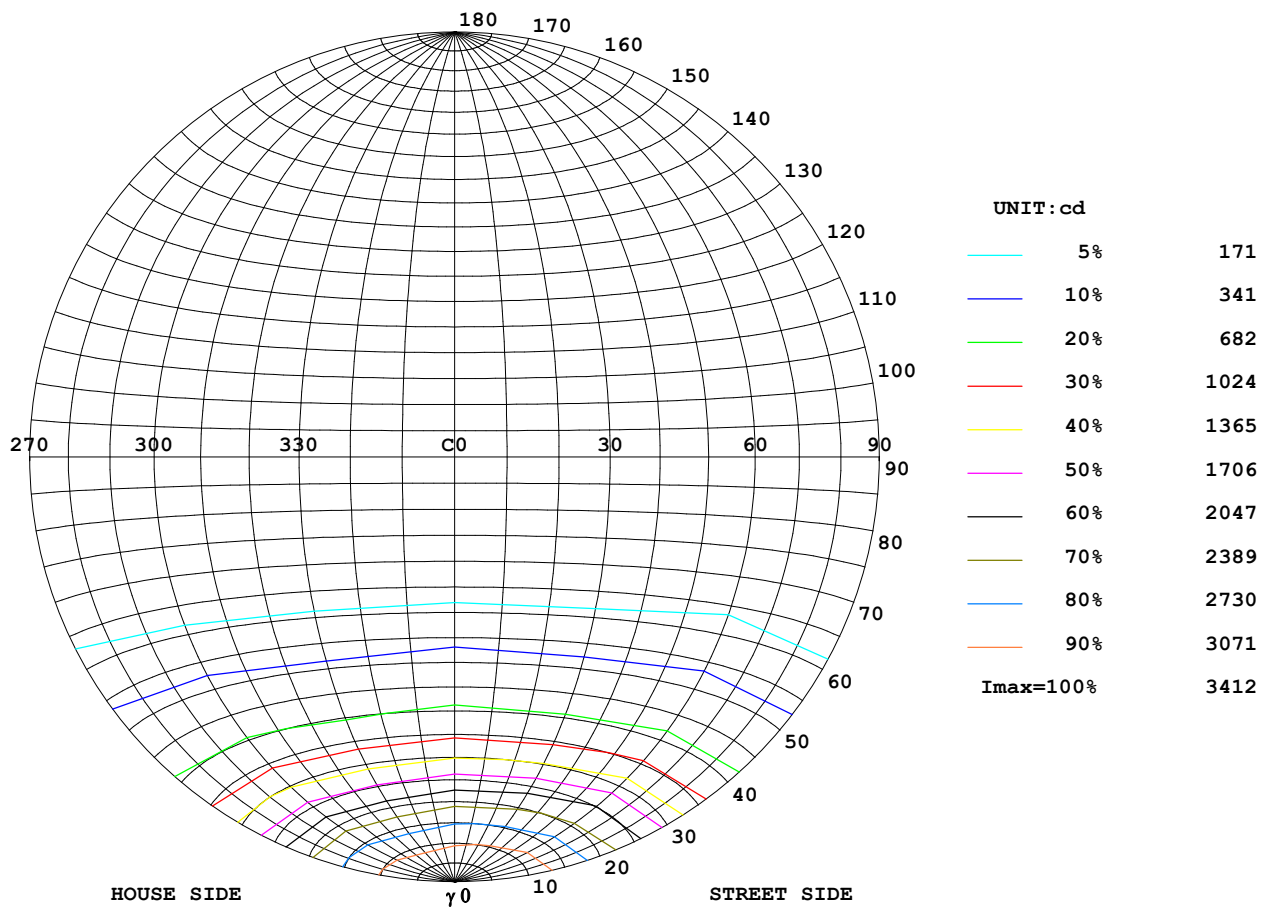
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 05-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.600 m
 Remarks: 4000K

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: 4000K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*44 MM	SERIAL No.:



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

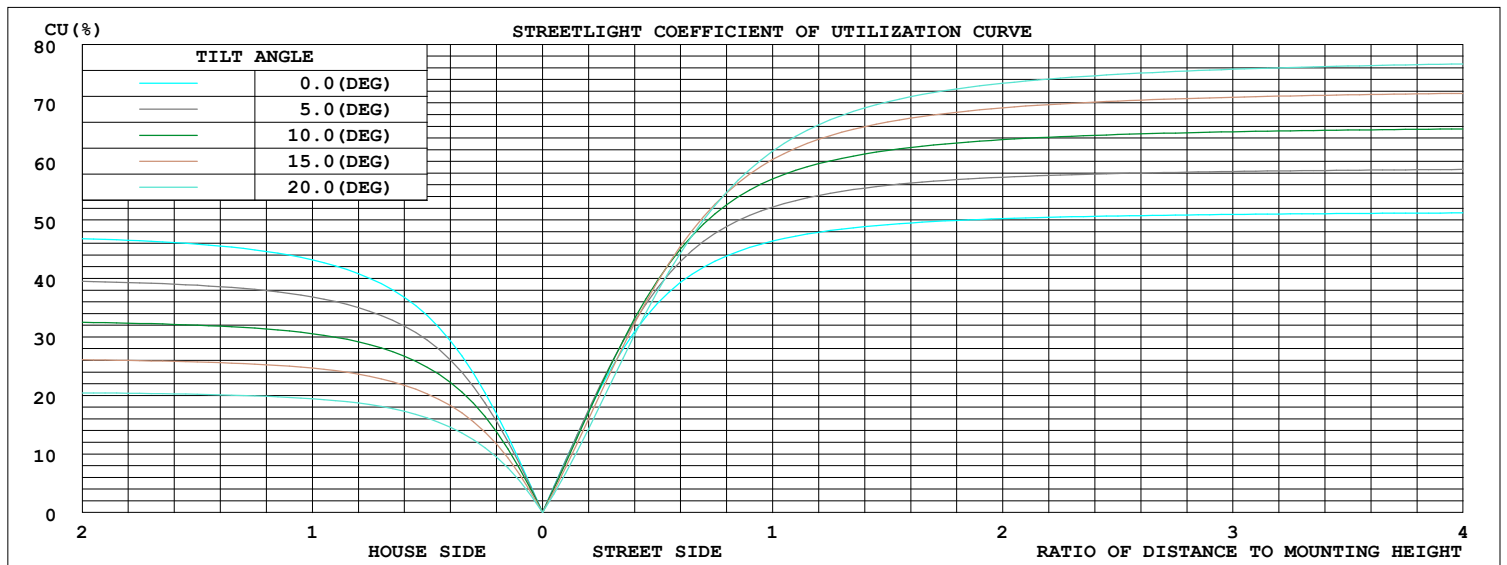
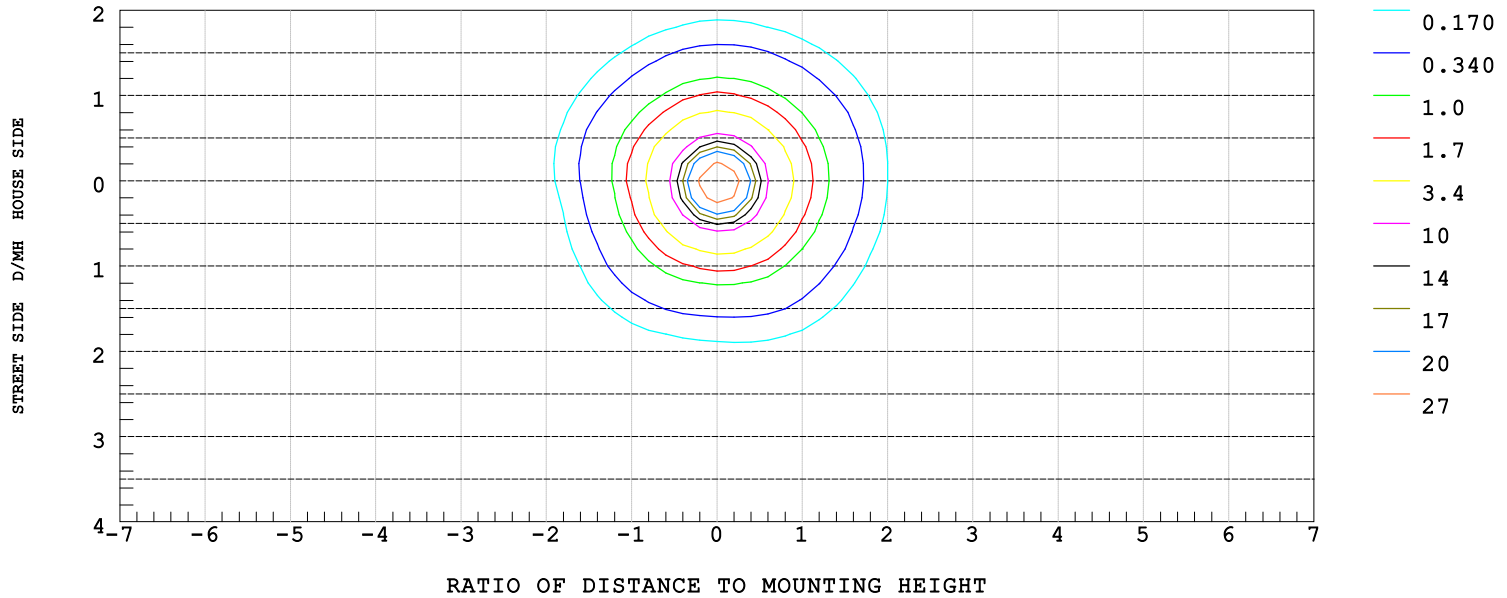
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.600 m
Remarks: 4000K

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: 4000K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*44 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 33.94 lx



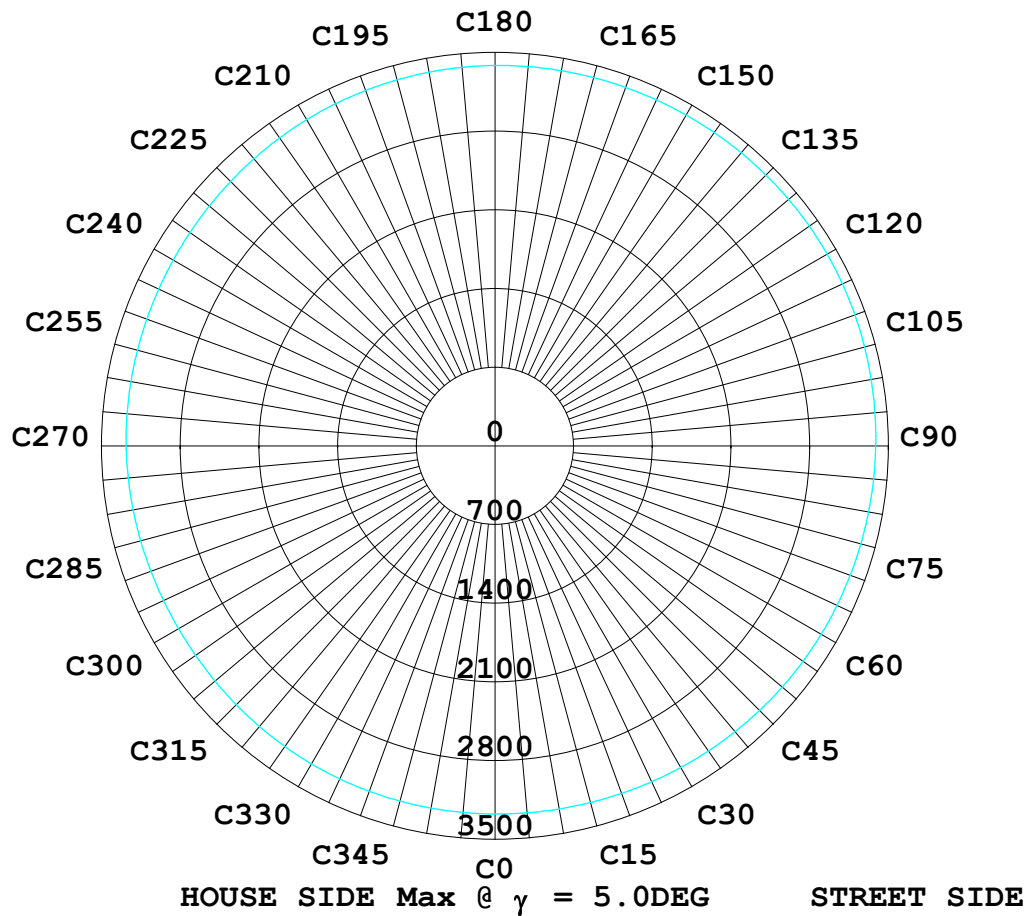
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.600 m
Remarks: 4000K

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: 4000K 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:8.600 m
Remarks: 4000K

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: 4000K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*44 MM	SERIAL No.:

UNIT: cd

C (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
γ (DEG)												
0.0	3394	3394	3393	3400	3397	3399	3394	3394	3393	3400	3397	3399
5.0	3274	3304	3350	3386	3412	3399	3385	3352	3306	3282	3251	3267
10.0	3039	3092	3180	3245	3289	3266	3242	3186	3087	3039	2990	3025
15.0	2710	2757	2904	2981	3052	3010	2992	2898	2751	2692	2620	2678
20.0	2292	2356	2439	2593	2705	2645	2616	2429	2346	2263	2196	2254
25.0	1827	1899	2058	2155	2265	2228	2189	2090	1901	1811	1733	1803
30.0	1345	1380	1536	1624	1766	1729	1713	1605	1422	1336	1267	1325
35.0	966	965	1062	1114	1240	1217	1217	1142	999	948	898	953
40.0	723	707	754	775	864	863	872	834	723	699	659	715
45.0	559	533	559	557	631	638	664	636	551	529	502	548
50.0	417	397	417	407	470	483	510	493	416	396	374	412
55.0	295	277	305	283	347	357	375	370	312	287	262	300
60.0	195	191	215	191	251	245	255	266	211	191	184	206
65.0	132	130	151	126	173	169	167	181	146	127	126	142
70.0	96.0	89.7	107	86.8	123	116	112	125	101	89.4	85.9	99.5
75.0	68.1	62.2	75.5	60.7	87.3	80.3	81.2	86.8	68.7	62.0	57.3	69.2
80.0	42.7	41.7	51.3	40.0	60.6	55.6	54.3	61.0	44.3	40.6	34.8	46.0
85.0	21.3	20.4	30.8	23.6	38.3	35.8	30.6	39.1	24.0	22.3	15.8	22.6
90.0	12.2	9.39	16.1	12.6	19.9	15.3	13.6	15.6	8.20	8.94	4.51	7.24

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:8.600 m
Remarks: 4000K