

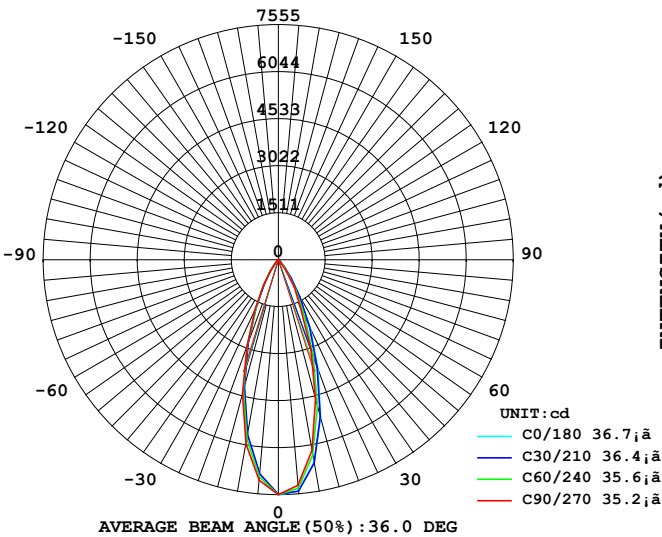
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

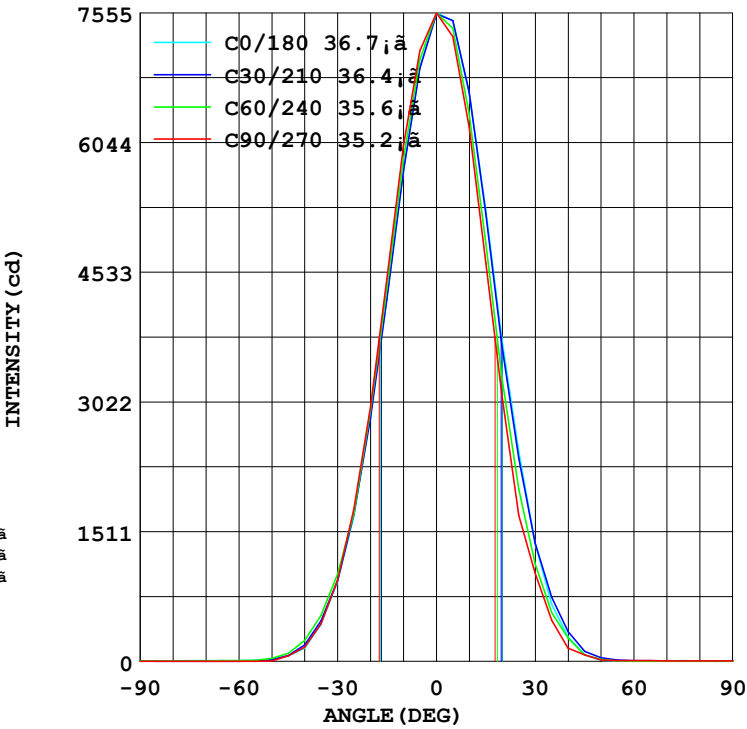
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 LENS+PRISMATIC	TYPE: 3000K CRI 90	WEIGHT:
SPECIFICATION: 1200*145*33 MM	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax (cd)	7582	S/MH (C0/180)	0.54
MODEL	XTREME 145 LENS+PRISMATIC	EFFICIENCY(%)	100.0	S/MH (C90/270)	0.57
NOMINAL POWER (W)	34	TOTAL FLUX (lm)	3341.8	Voltage (V)	219.3
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	100.7	Current (A)	0.142
NOMINAL FLUX (lm)	3341.8	η up (%)	0.0	Power (W)	33.20
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.987
TEST VOLTAGE (V)	219.4	Effictive Flux(lm)	3014.1	EEI	0.150

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-19-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 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 LENS+PRISMATIC	TYPE: 3000K CRI 90	WEIGHT:
SPECIFICATION: 1200*145*33 MM	DIMENSION:	SERIAL No.:

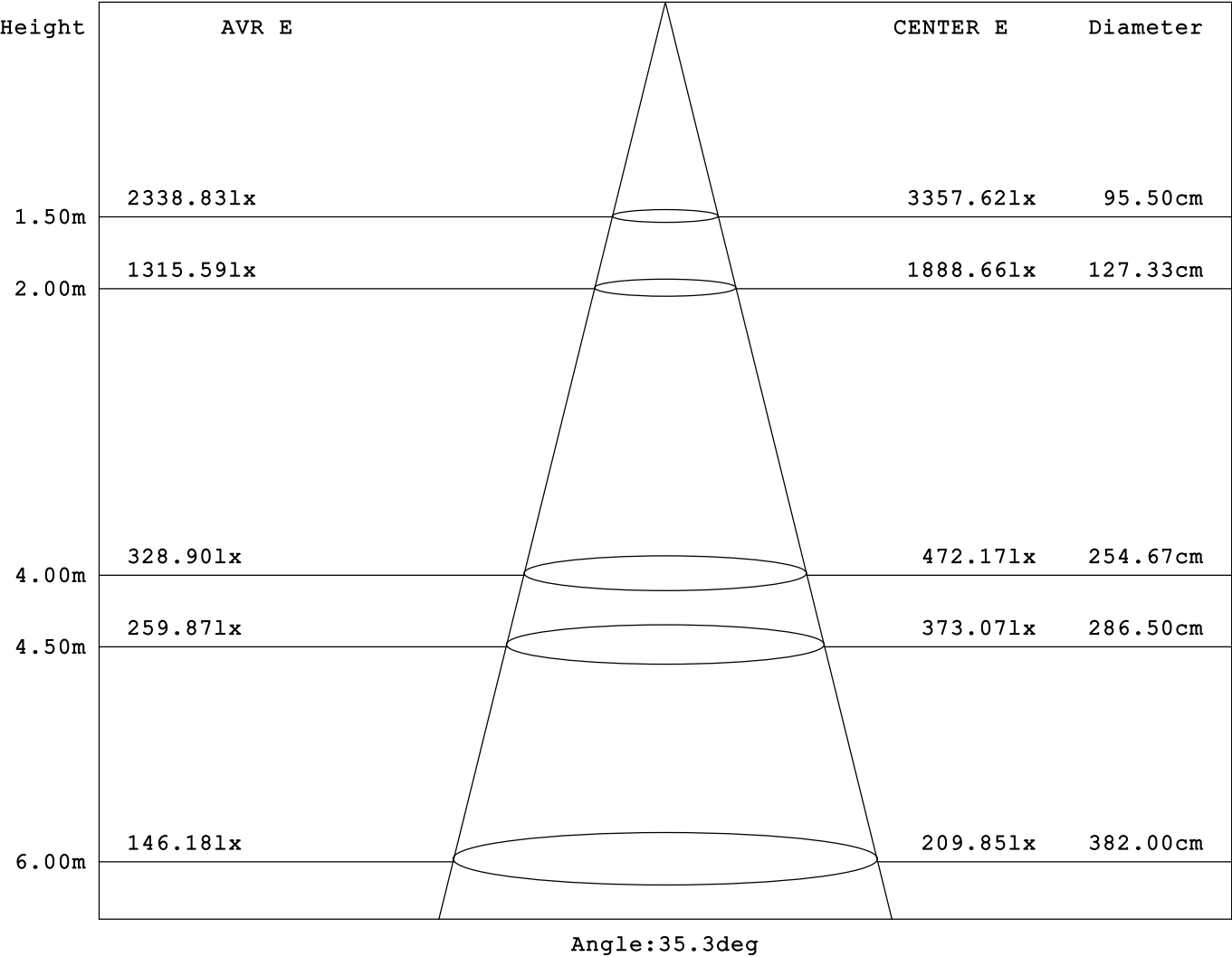
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-19-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
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AVERAGE AND CENTER E Figure

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Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 LENS+PRISMATIC	TYPE: 3000K CRI 90	WEIGHT:
SPECIFICATION: 1200*145*33 MM	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-19-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 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 LENS+PRISMATIC	TYPE: 3000K CRI 90	WEIGHT:
SPECIFICATION: 1200*145*33 MM	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	5724	5788	6013	6335	6617	6505	6225	5942	0- 10	653.5	653.5
20.0	2885	2885	2974	3373	3732	3475	3083	2947	10- 20	1285	1939
30.0	931.2	981.7	948.3	1218	1379	1260	1029	1023	20- 30	918.5	2857
40.0	155.9	218.4	167.3	289.1	285.8	311.7	155.8	227.3	30- 40	377.2	3234
50.0	17.21	28.04	5.456	36.36	14.85	33.41	16.14	28.49	40- 50	81.89	3316
60.0	9.900	6.496	2.418	6.609	4.443	6.834	8.887	6.496	50- 60	10.88	3327
70.0	8.043	4.528	2.193	4.471	3.768	4.471	6.412	4.218	60- 70	5.420	3333
80.0	7.143	4.162	2.362	3.965	5.006	3.571	5.062	3.459	70- 80	4.787	3337
90.0	6.075	5.034	3.318	4.218	4.162	3.206	4.050	3.093	80- 90	4.384	3342
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:05-19-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
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LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 LENS+PRISMATIC	TYPE: 3000K CRI 90	WEIGHT:
SPECIFICATION: 1200*145*33 MM	DIMENSION:	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	710	297
80	411	136
75	302	85
70	235	64
65	192	52
60	198	48
55	210	50
50	268	85
45	942	922

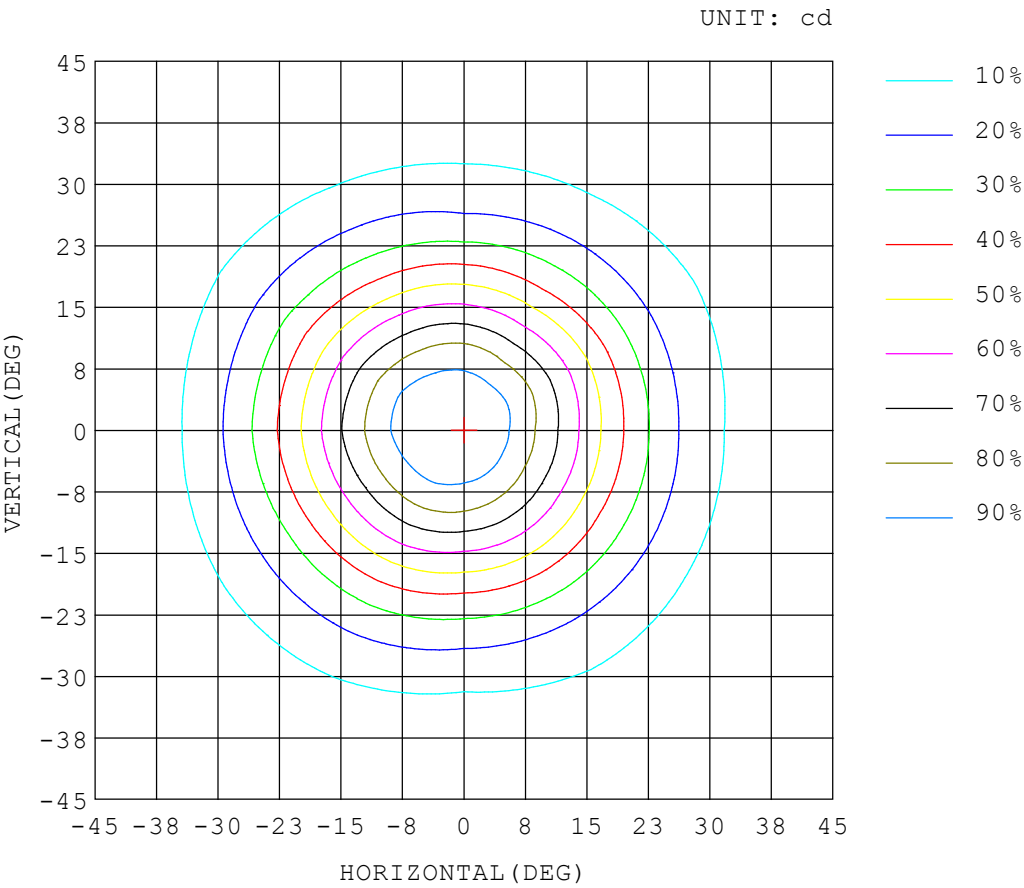
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-19-2025

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 LENS+PRISMATIC	TYPE: 3000K CRI 90	WEIGHT:
SPECIFICATION: 1200*145*33 MM	DIMENSION:	SERIAL No.:



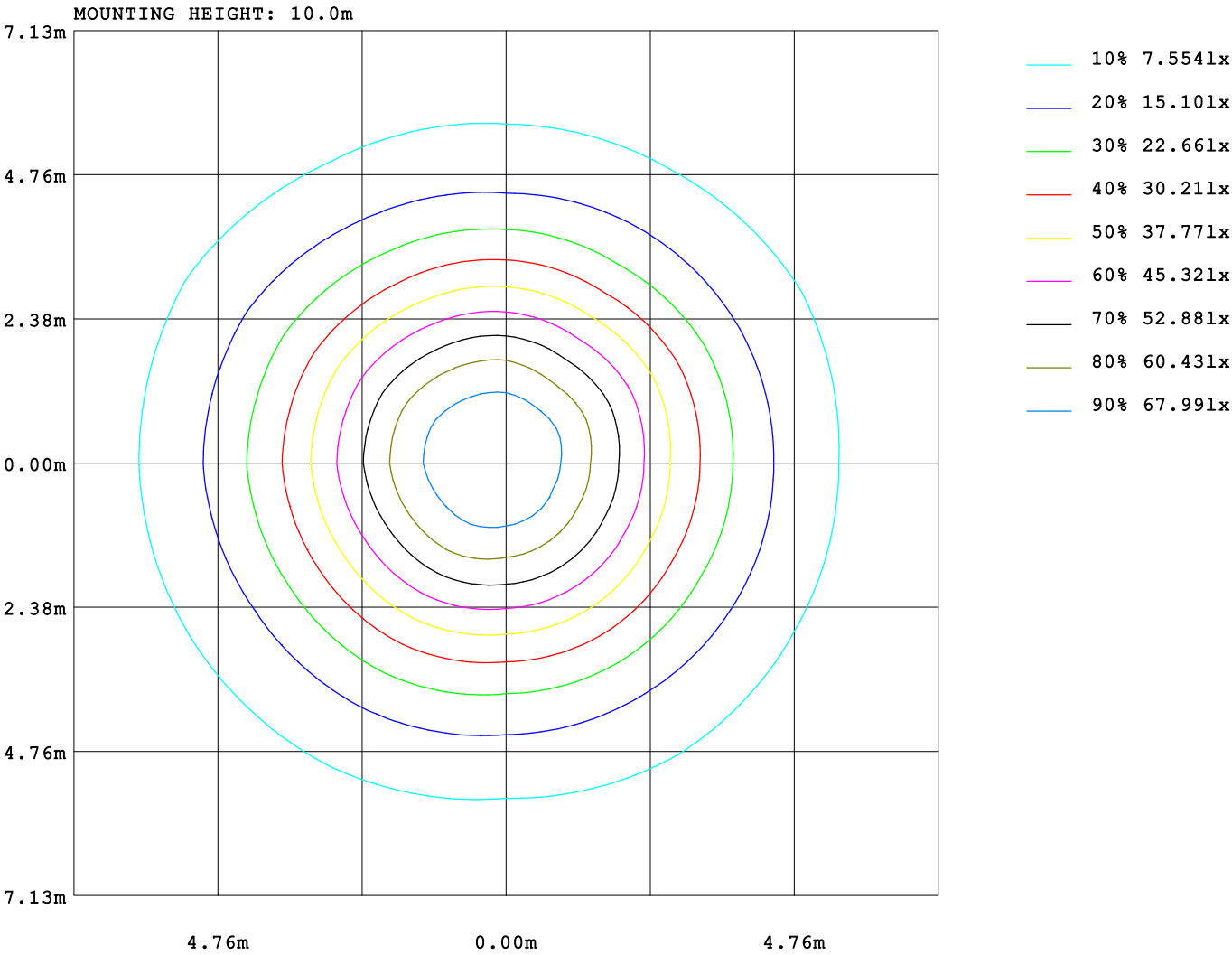
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-19-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 LENS+PRISMATIC	TYPE: 3000K CRI 90	WEIGHT:
SPECIFICATION: 1200*145*33 MM	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-19-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
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Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 LENS+PRISMATIC	TYPE: 3000K CRI 90	WEIGHT:
SPECIFICATION: 1200*145*33 MM	DIMENSION:	SERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	45	40	35	30	25	20	15	10	5	0	5	10	15	20	25	30	35	40	45			
	0.06	0.09	0.16	0.27	0.41	0.61	0.83	0.94	0.92	0.89	0.85	0.72	0.54	0.36	0.23	0.14	0.08	0.06	8.16	0.00		
	0.10	0.20	0.39	0.67	1.18	1.72	2.14	2.41	2.47	2.39	2.18	1.79	1.34	0.93	0.57	0.33	0.18	0.10	21.1	0.00		
	0.19	0.41	0.83	1.64	2.61	3.56	4.55	5.39	5.75	5.61	5.02	4.06	2.99	2.02	1.23	0.67	0.35	0.17	47.1	12.5		
	0.30	0.75	1.70	3.07	4.71	6.63	8.55	10.0	10.5	10.2	9.28	7.53	5.61	3.79	2.32	1.26	0.61	0.26	87.2	67.0		
	0.44	1.27	2.83	4.98	7.82	11.1	14.3	17.0	18.2	17.7	15.6	12.4	9.19	6.26	3.80	2.07	0.95	0.37	147	131		
	0.62	1.81	4.00	7.35	11.7	16.9	22.3	26.8	29.2	28.4	24.5	19.2	13.5	9.05	5.59	2.89	1.26	0.50	226	214		
	0.82	2.34	5.09	9.57	15.9	23.5	31.3	37.7	41.1	39.8	34.3	27.0	19.0	11.7	7.08	3.63	1.56	0.60	313	302		
	0.97	2.72	6.01	11.5	19.3	28.9	39.3	47.3	51.1	49.4	43.1	33.7	23.5	14.4	8.23	4.20	1.77	0.66	386	377		
	1.03	2.89	6.51	12.7	21.3	32.0	43.4	52.4	56.4	54.6	47.5	36.8	25.7	15.9	8.83	4.42	1.82	0.65	425	416		
	1.01	2.85	6.44	12.5	21.0	31.6	42.7	51.6	55.9	53.9	46.7	36.3	25.3	15.8	8.76	4.34	1.77	0.63	420	410		
	0.92	2.62	5.82	11.0	18.5	27.8	37.7	46.0	50.0	48.3	41.9	32.4	22.7	14.2	7.98	3.97	1.64	0.60	375	365		
	0.75	2.19	4.82	9.00	14.9	22.3	30.3	36.8	39.8	38.6	33.7	26.3	18.4	11.5	6.57	3.30	1.37	0.51	302	291		
	0.54	1.64	3.69	6.81	11.0	16.3	22.0	26.4	28.3	27.6	24.3	19.1	13.4	8.65	4.96	2.49	1.03	0.39	219	207		
	0.36	1.10	2.54	4.69	7.53	10.9	14.5	17.1	18.2	17.6	15.6	12.4	9.10	5.95	3.43	1.70	0.72	0.27	144	130		
	0.23	0.63	1.51	2.90	4.68	6.75	8.66	10.0	10.5	10.2	9.25	7.67	5.74	3.74	2.16	1.05	0.44	0.16	86.4	67.8		
	0.13	0.35	0.78	1.56	2.59	3.74	4.68	5.29	5.41	5.28	4.94	4.20	3.25	2.12	1.20	0.59	0.26	0.09	46.5	11.4		
	0.06	0.18	0.40	0.73	1.26	1.78	2.20	2.43	2.41	2.35	2.28	2.00	1.59	1.08	0.61	0.31	0.13	0.05	21.8	0.00		
	0.04	0.08	0.19	0.35	0.56	0.75	0.91	0.98	0.94	0.92	0.93	0.84	0.68	0.49	0.29	0.15	0.07	0.03	9.20	0.00		
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)				10	15	20	25	30	35	40	45		
Φ t	8.57	24.1	53.7	102	167	247	331	397	428	414	362	285	202	128	73.9	37.5	16.0	6.10	3342			
Φ a	0.00	0.00	27.8	84.6	152	233	318	385	416	402	350	272	188	112	53.8	7.31	0.00	0.00		3014		

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-19-2025

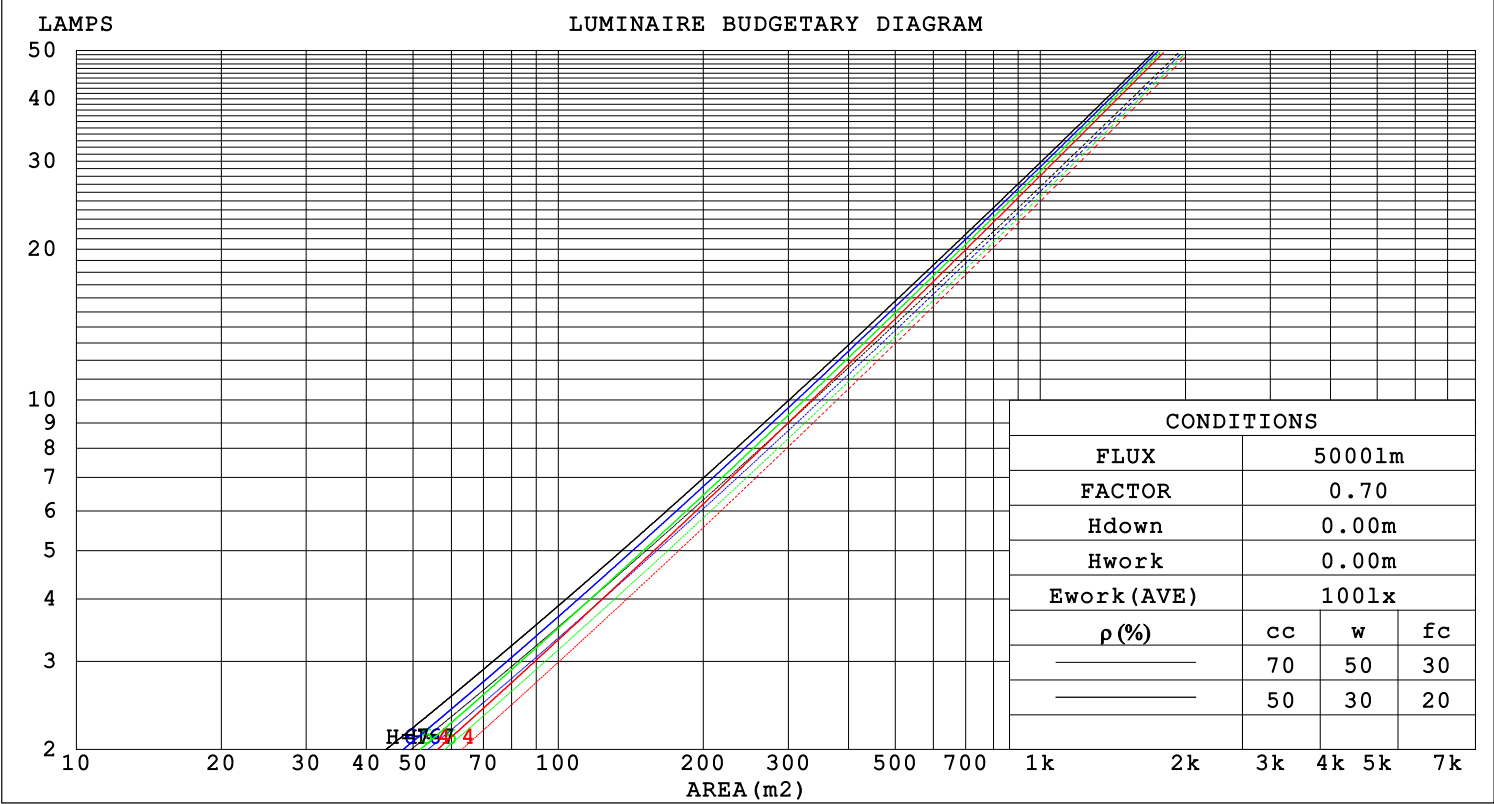
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 3000K

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 LENS+PRISMATIC								TYPE: 3000K CRI 90				WEIGHT:			
SPECIFICATION: 1200*145*33 MM								DIMENSION:				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
pf _c	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	1.12	1.10	1.08	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	.00	.98	.98	.97	.95
2.0	1.05	1.02	.99	1.04	1.00	.98	1.00	.98	.96	.97	.95	.93	.95	.93	.92	.90
3.0	.99	.95	.92	.98	.94	.91	.96	.92	.90	.93	.90	.88	.91	.89	.87	.85
4.0	.94	.89	.86	.93	.89	.85	.91	.87	.84	.89	.86	.83	.87	.85	.82	.81
5.0	.90	.85	.81	.89	.84	.81	.87	.83	.80	.85	.82	.79	.84	.81	.78	.77
6.0	.85	.80	.76	.84	.80	.76	.83	.79	.76	.82	.78	.75	.81	.77	.75	.74
7.0	.81	.76	.73	.81	.76	.72	.80	.75	.72	.78	.75	.72	.77	.74	.71	.70
8.0	.78	.73	.69	.77	.72	.69	.76	.72	.69	.75	.71	.68	.74	.71	.68	.67
9.0	.74	.69	.66	.74	.69	.66	.73	.69	.66	.72	.68	.65	.71	.68	.65	.64
10.0	.71	.66	.63	.71	.66	.63	.70	.66	.63	.70	.66	.63	.69	.65	.63	.61



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-19-2025

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

WEC AND CCEC

Report number:

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Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: XTREME 145 LENS+PRISMATIC								TYPE: 3000K CRI 90				WEIGHT:		
SPECIFICATION: 1200*145*33 MM								DIMENSION:				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	.159	.091	.029	.153	.087	.028	.140	.080	.026	.129	.074	.024	.118	.068	.022	
2.0	.150	.082	.025	.144	.079	.024	.134	.074	.023	.124	.070	.022	.115	.065	.021	
3.0	.141	.075	.023	.137	.073	.022	.128	.069	.021	.120	.066	.020	.112	.062	.019	
4.0	.134	.070	.020	.130	.068	.020	.122	.065	.019	.115	.062	.019	.109	.059	.018	
5.0	.127	.065	.019	.124	.063	.018	.117	.061	.018	.111	.059	.017	.105	.056	.017	
6.0	.121	.061	.017	.118	.060	.017	.112	.058	.017	.107	.056	.016	.102	.054	.016	
7.0	.116	.057	.016	.113	.056	.016	.108	.055	.016	.103	.053	.015	.099	.051	.015	
8.0	.111	.054	.015	.108	.053	.015	.104	.052	.015	.100	.050	.015	.096	.049	.014	
9.0	.106	.051	.014	.104	.051	.014	.100	.049	.014	.096	.048	.014	.093	.047	.014	
10.0	.102	.049	.014	.100	.048	.013	.096	.047	.013	.093	.046	.013	.090	.045	.013	

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	.170	.157	.146	.145	.135	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.153	.133	.115	.131	.114	.100	.090	.079	.069	.052	.046	.041	.017	.015	.013	
3.0	.140	.113	.092	.120	.098	.080	.082	.068	.056	.047	.040	.033	.015	.013	.011	
4.0	.128	.098	.076	.110	.085	.066	.076	.059	.046	.044	.035	.027	.014	.011	.009	
5.0	.119	.086	.063	.102	.075	.054	.070	.052	.038	.041	.031	.023	.013	.010	.008	
6.0	.111	.077	.052	.095	.067	.046	.066	.047	.032	.038	.027	.019	.012	.009	.006	
7.0	.104	.069	.045	.089	.060	.039	.062	.042	.028	.036	.025	.016	.012	.008	.005	
8.0	.098	.063	.038	.084	.054	.033	.058	.038	.024	.034	.022	.014	.011	.007	.005	
9.0	.093	.057	.033	.080	.050	.029	.055	.035	.021	.032	.021	.012	.010	.007	.004	
10.0	.088	.053	.029	.076	.046	.025	.053	.032	.018	.031	.019	.011	.010	.006	.004	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-19-2025

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

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: XTREME 145 LENS+PRISMATIC					TYPE: 3000K CRI 90			WEIGHT:			
SPECIFICATION: 1200*145*33 MM					DIMENSION:			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	5.4	6.2	5.6	6.3	6.5	6.0	6.8	6.2	7.0	7.1
	3H	5.3	6.0	5.5	6.2	6.4	5.9	6.6	6.1	6.8	7.0
	4H	5.3	6.0	5.5	6.2	6.4	5.8	6.5	6.1	6.7	6.9
	6H	5.3	6.0	5.6	6.2	6.5	5.7	6.4	6.0	6.6	6.9
	8H	5.4	6.1	5.7	6.3	6.6	5.7	6.4	6.0	6.6	6.9
	12H	5.6	6.2	5.9	6.4	6.7	5.7	6.3	6.0	6.6	6.9
4H	2H	5.1	5.8	5.4	6.0	6.3	5.8	6.5	6.0	6.7	6.9
	3H	5.0	5.6	5.3	5.9	6.2	5.6	6.3	6.0	6.5	6.8
	4H	5.0	5.6	5.4	5.9	6.2	5.6	6.2	5.9	6.5	6.8
	6H	5.2	5.7	5.5	6.0	6.3	5.6	6.1	6.0	6.4	6.8
	8H	5.3	5.8	5.7	6.1	6.5	5.6	6.0	6.0	6.4	6.8
	12H	5.6	6.0	6.0	6.4	6.7	5.6	6.1	6.0	6.4	6.8
8H	4H	4.9	5.4	5.3	5.7	6.1	5.5	6.0	5.9	6.3	6.7
	6H	5.1	5.5	5.5	5.9	6.3	5.6	5.9	6.0	6.3	6.7
	8H	5.3	5.6	5.7	6.0	6.5	5.6	6.0	6.1	6.4	6.8
	12H	5.7	5.9	6.1	6.4	6.9	5.8	6.1	6.3	6.5	7.0
12H	4H	4.9	5.3	5.3	5.7	6.1	5.4	5.9	5.9	6.2	6.6
	6H	5.1	5.4	5.5	5.8	6.3	5.5	5.9	6.0	6.3	6.7
	8H	5.3	5.6	5.7	6.0	6.5	5.7	6.0	6.1	6.4	6.9
Variations with the observer position at spacings:											
S = 1.0H		+ 2.4 / - 3.9					+ 2.8 / - 5.3				
1.5H		+ 4.6 / - 4.2					+ 5.1 / - 5.7				
2.0H		+ 4.4 / - 0.9					+ 4.4 / - 1.4				

CIE Pub.117 Corrected 3342 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.2)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-19-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 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 LENS+PRISMATIC	TYPE: 3000K CRI 90	WEIGHT:
SPECIFICATION: 1200*145*33 MM	DIMENSION:	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	90	84	80	89	83	80	88	83	80	77
0.80	97	91	88	96	91	88	95	90	87	84
1.00	101	96	92	100	95	92	98	95	91	88
1.25	104	100	96	103	99	96	102	98	95	91
1.50	107	103	99	106	102	99	104	100	98	94
2.00	109	105	102	108	104	102	105	102	100	95
2.50	111	107	104	109	106	104	106	104	102	96
3.00	112	109	107	111	108	105	107	105	103	97
4.00	114	112	110	112	110	108	109	107	105	98
5.00	115	113	112	113	111	110	109	108	107	99
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

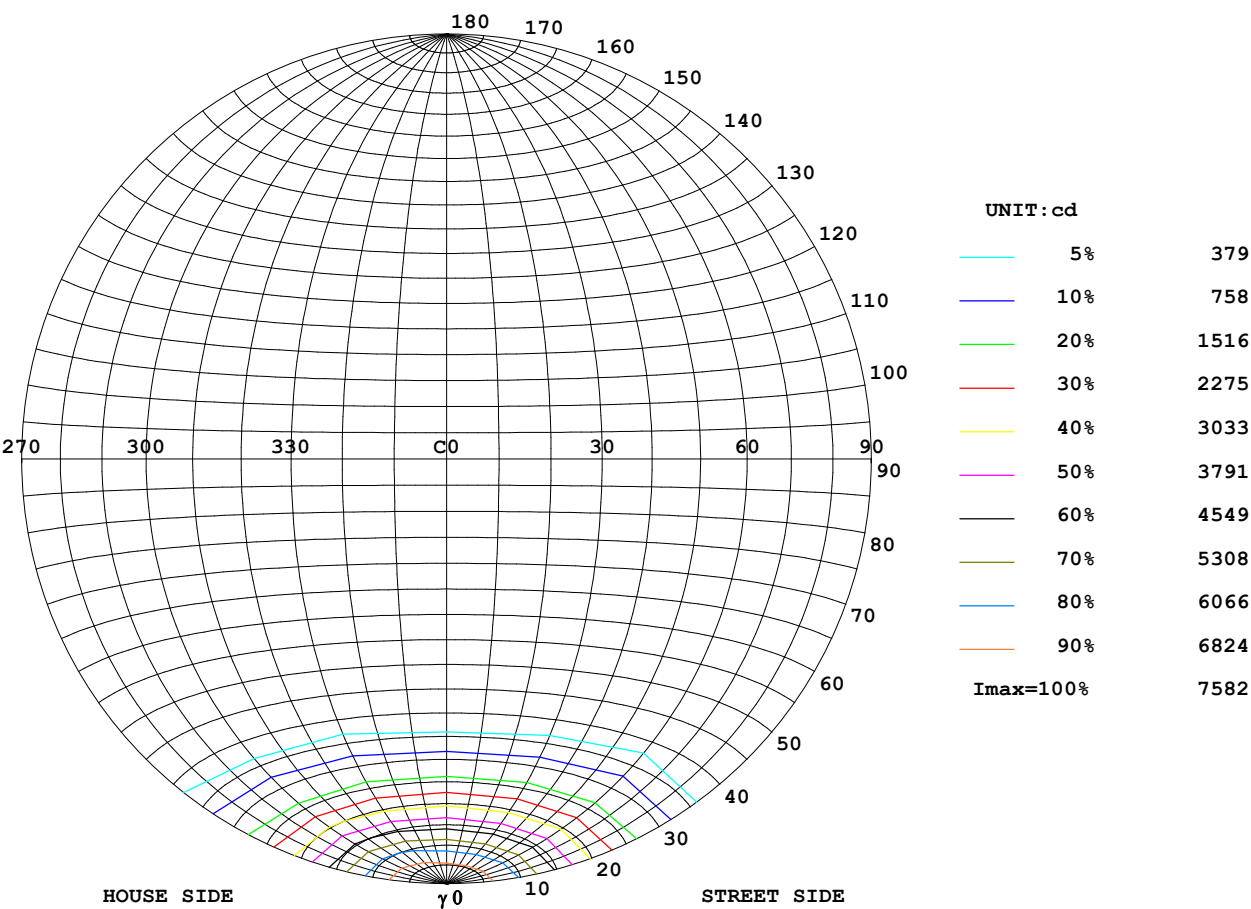
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-19-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:7.500 m
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 LENS+PRISMATIC	TYPE: 3000K CRI 90	WEIGHT:
SPECIFICATION: 1200*145*33 MM	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-19-2025

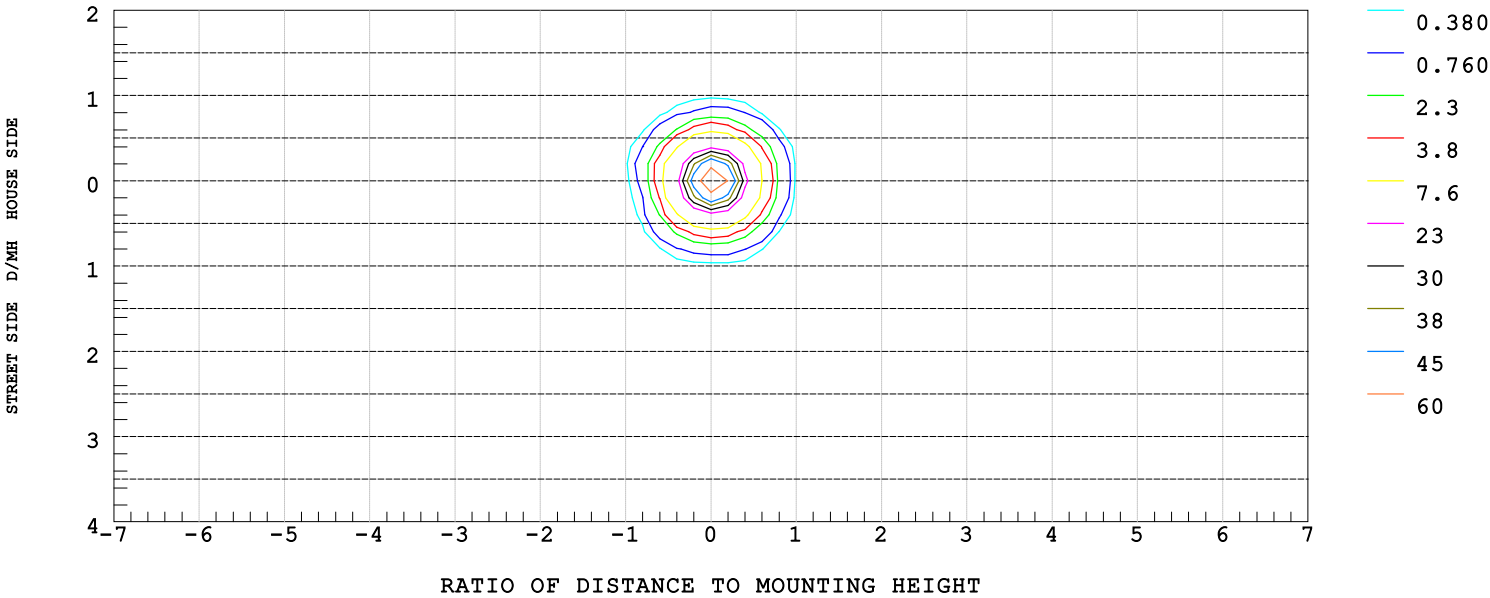
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 LENS+PRISMATIC	TYPE: 3000K CRI 90	WEIGHT:
SPECIFICATION: 1200*145*33 MM	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 75.55 lx



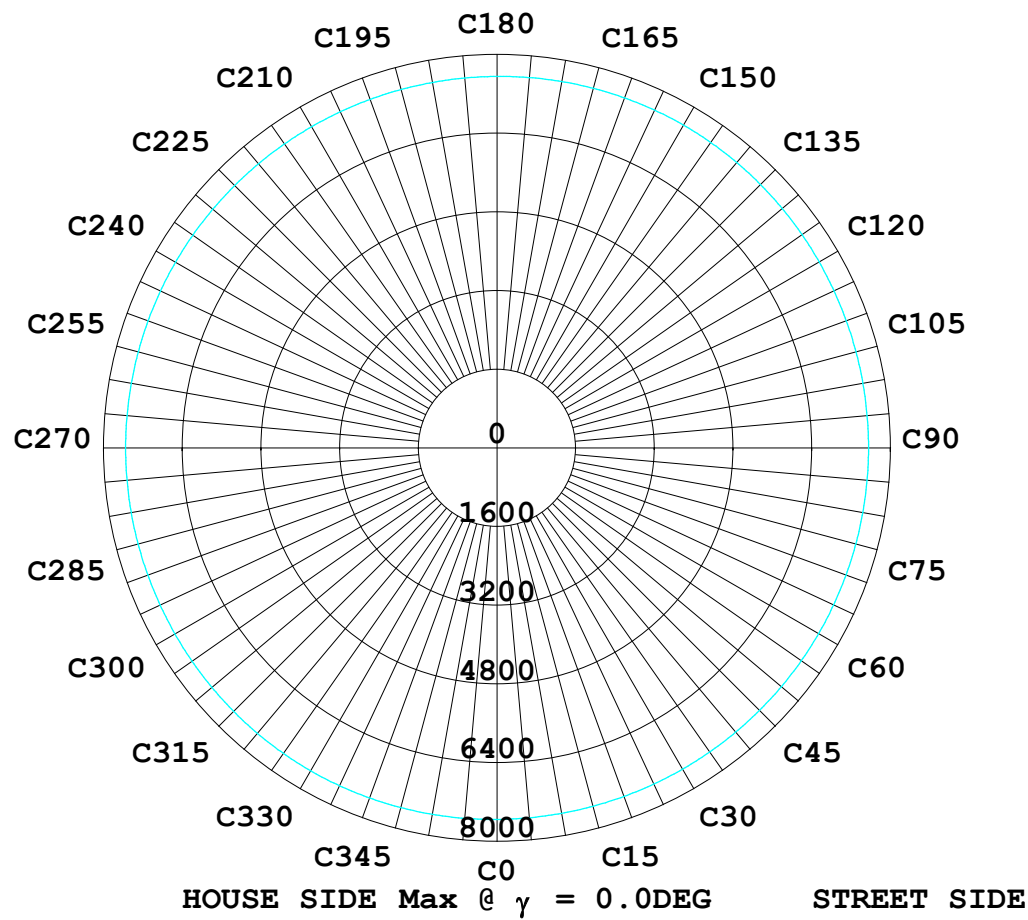
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-19-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 LENS+PRISMATIC	TYPE: 3000K CRI 90	WEIGHT:
SPECIFICATION: 1200*145*33 MM	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-19-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 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 LENS+PRISMATIC	TYPE: 3000K CRI 90	WEIGHT:
SPECIFICATION: 1200*145*33 MM	DIMENSION:	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	7555	7543	7551	7553	7564	7582	7555	7543	7551	7553	7564	7582
5.0	6924	6907	7013	7115	7273	7346	7462	7462	7373	7275	7121	7065
10.0	5724	5718	5859	6013	6267	6404	6617	6631	6380	6225	5952	5931
15.0	4242	4222	4351	4460	4770	4960	5259	5216	4873	4644	4410	4435
20.0	2885	2842	2927	2974	3275	3471	3732	3661	3288	3083	2906	2988
25.0	1696	1721	1727	1779	2041	2188	2446	2369	2009	1701	1749	1718
30.0	931	945	1019	948	1164	1272	1379	1381	1139	1029	981	1065
35.0	432	473	534	438	613	687	666	746	570	477	493	551
40.0	156	192	244	167	276	302	286	348	276	156	203	252
45.0	66.5	68.3	95.2	65.1	107	95.5	76.1	118	76.8	74.8	70.4	97.3
50.0	17.2	19.2	36.8	5.45	44.0	28.6	14.8	41.1	25.7	16.1	19.7	37.2
55.0	12.0	4.61	12.2	2.86	12.7	5.51	5.06	15.0	3.88	10.9	3.48	13.8
60.0	9.90	3.71	9.28	2.41	9.56	3.65	4.44	11.0	2.64	8.88	2.47	10.5
65.0	8.09	2.75	7.76	2.19	7.87	2.81	3.82	8.83	2.19	7.48	2.08	8.21
70.0	8.04	2.30	6.75	2.19	6.75	2.19	3.76	7.03	1.91	6.41	1.80	6.63
75.0	7.81	2.36	6.13	2.19	6.07	2.13	7.98	6.07	1.80	5.68	1.74	5.79
80.0	7.14	2.58	5.73	2.36	5.62	2.30	5.00	5.40	1.74	5.06	1.74	5.17
85.0	6.18	3.20	5.68	2.58	5.28	2.64	3.60	5.00	1.85	4.61	1.74	4.72
90.0	6.07	4.21	5.85	3.31	5.11	3.31	4.16	4.27	2.13	4.05	2.08	4.10

Test System:HOPOO HPG1800
Temperature:25.3DEG
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