

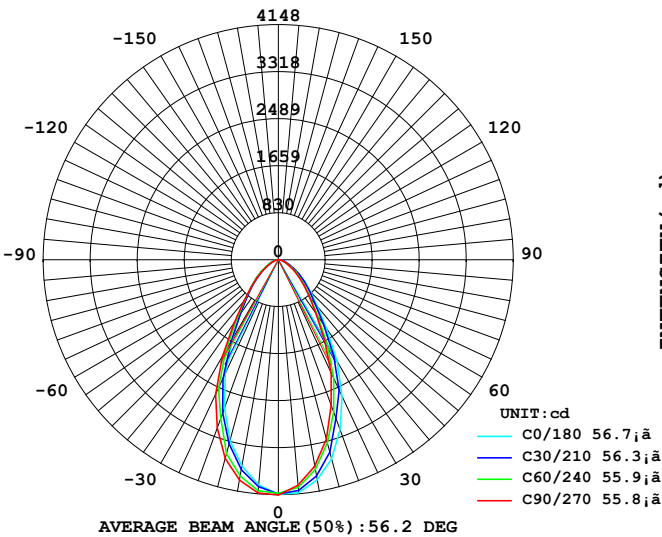
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

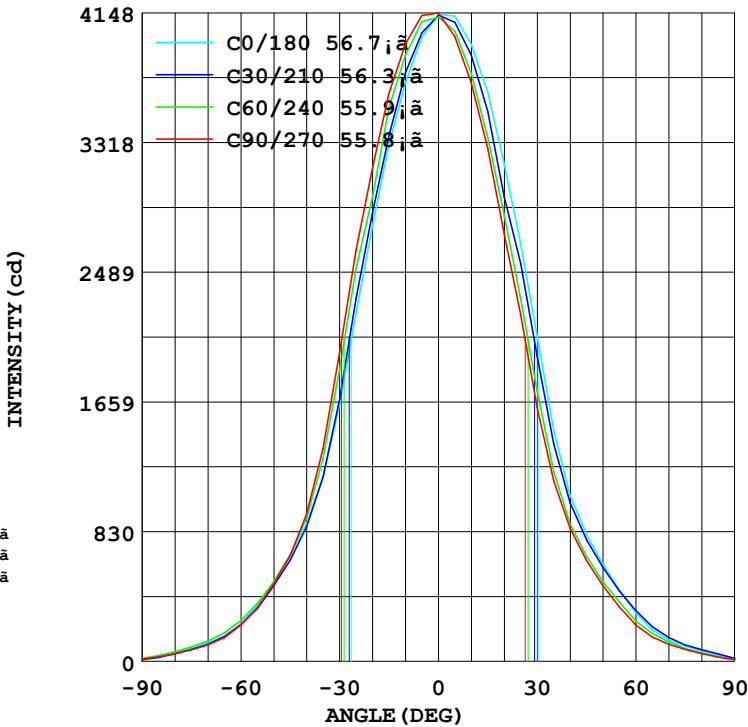
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 DUO XTD 20	TYPE: 5700K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*27 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	4155	S/MH (C0/180)	0.80
MODEL	XTREME 145 DUO	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.89
NOMINAL POWER (W)	35	TOTAL FLUX (lm)	4493.2	Voltage (V)	219.8
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	129.5	Current (A)	0.172
NOMINAL FLUX (lm)	4493.3	η up (%)	0.0	Power (W)	34.70
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.980
TEST VOLTAGE (V)	219.8	Effictive Flux (lm)	3996.8	EEI	0.118

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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:9.500 m
Remarks: 5700K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 DUO XTD 20	TYPE: 5700K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*27 MM	SERIAL No.:

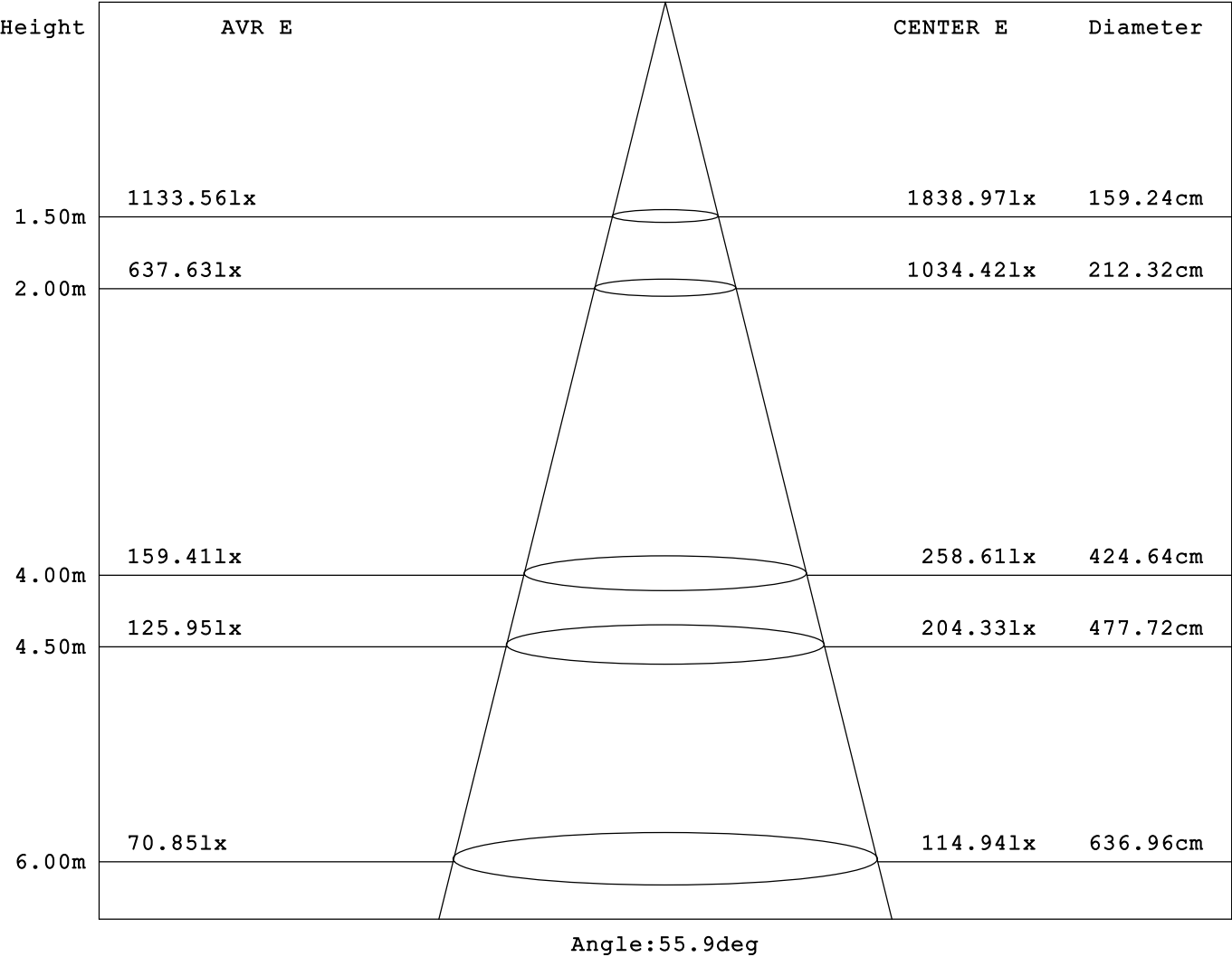
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 DUO XTD 20	TYPE: 5700K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*27 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:9.500 m
Remarks: 5700K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 DUO XTD 20	TYPE: 5700K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*27 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	3703	3822	3950	3994	3948	3821	3703	3664	0- 10	380.0	380.0
20.0	2788	2923	3158	3251	3185	2915	2737	2709	10- 20	960.3	1340
30.0	1642	1773	1977	2130	2084	1844	1626	1579	20- 30	1105	2445
40.0	881.1	890.9	944.2	1052	1063	948.7	851.9	837.0	30- 40	831.1	3276
50.0	509.1	496.4	496.1	580.7	621.9	553.9	483.0	480.4	40- 50	551.2	3828
60.0	238.2	247.7	232.3	302.9	311.0	290.2	232.6	237.8	50- 60	347.7	4175
70.0	117.2	119.8	106.0	145.8	136.6	137.7	109.1	113.2	60- 70	185.4	4361
80.0	52.16	56.85	48.82	70.89	66.33	64.25	49.54	49.36	70- 80	94.57	4455
90.0	14.89	15.61	15.43	21.61	16.69	14.48	10.92	7.174	80- 90	37.89	4493
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

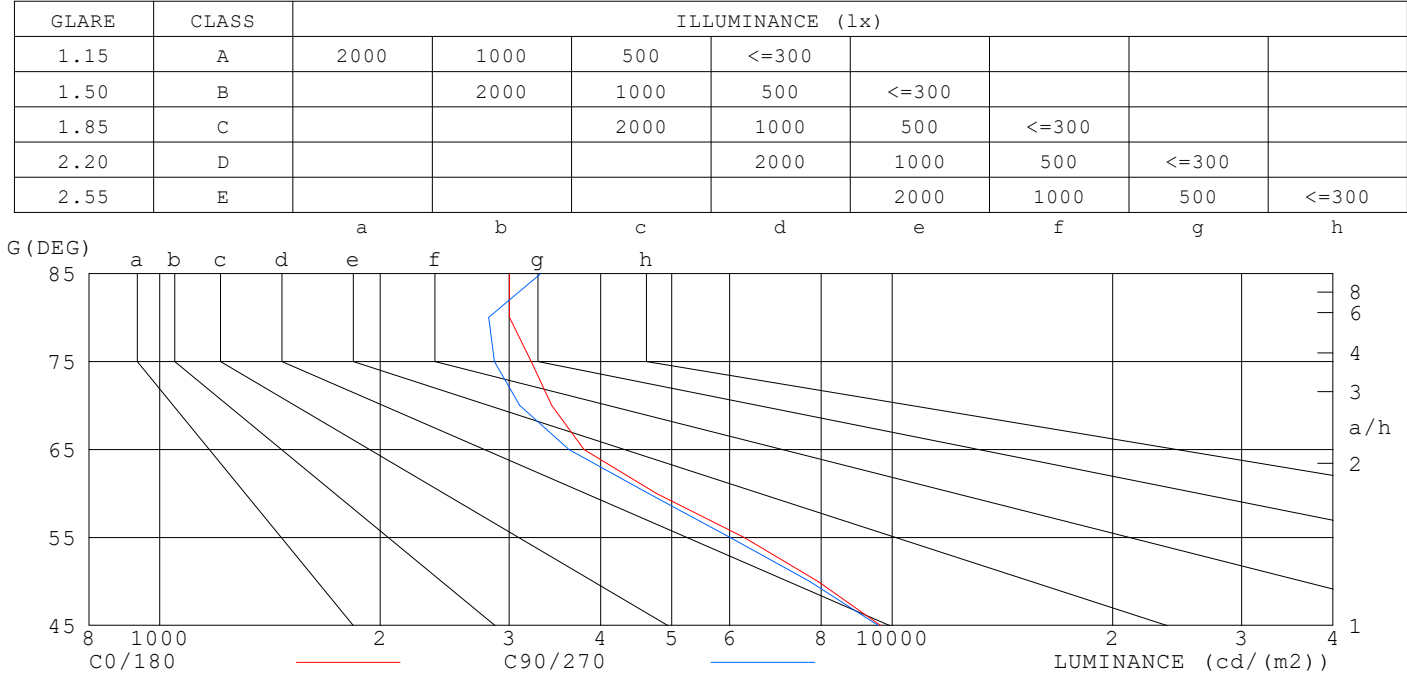
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 DUO XTD 20	TYPE: 5700K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*27 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	3003	3314
80	3004	2812
75	3215	2863
70	3428	3101
65	3797	3620
60	4765	4648
55	6283	6012
50	7922	7718
45	9644	9581

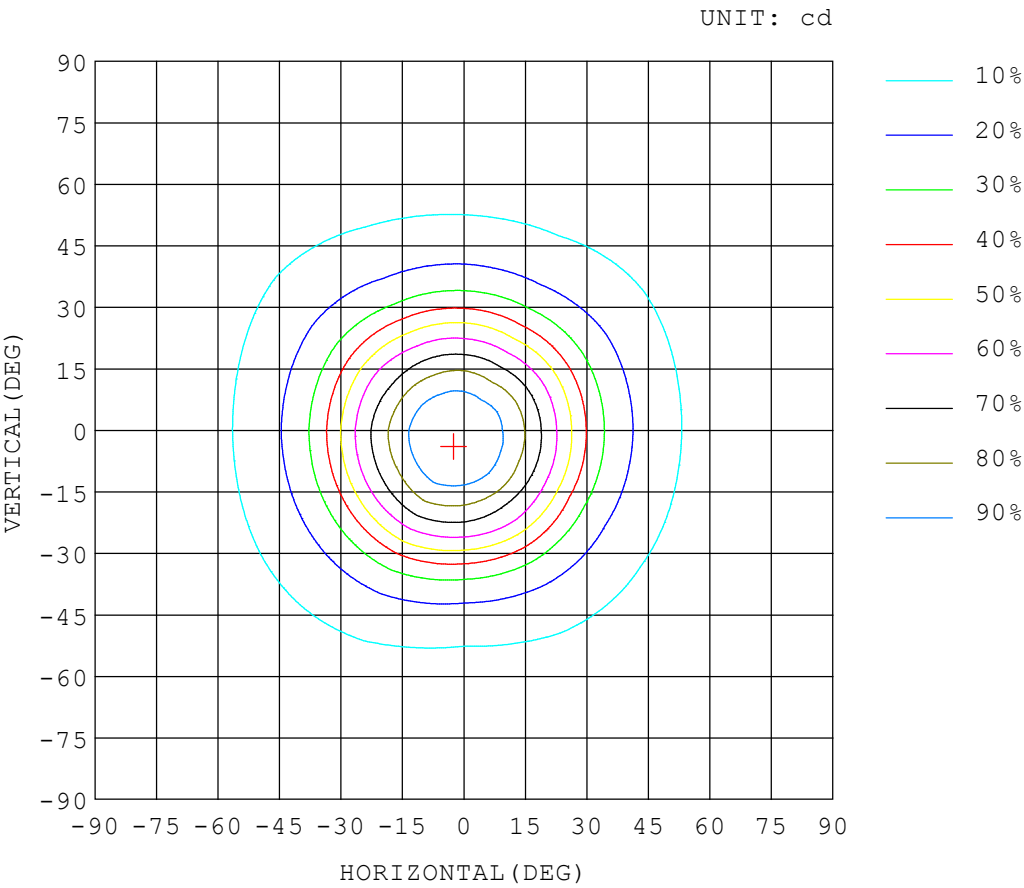
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 DUO XTD 20	TYPE: 5700K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*27 MM	SERIAL No.:



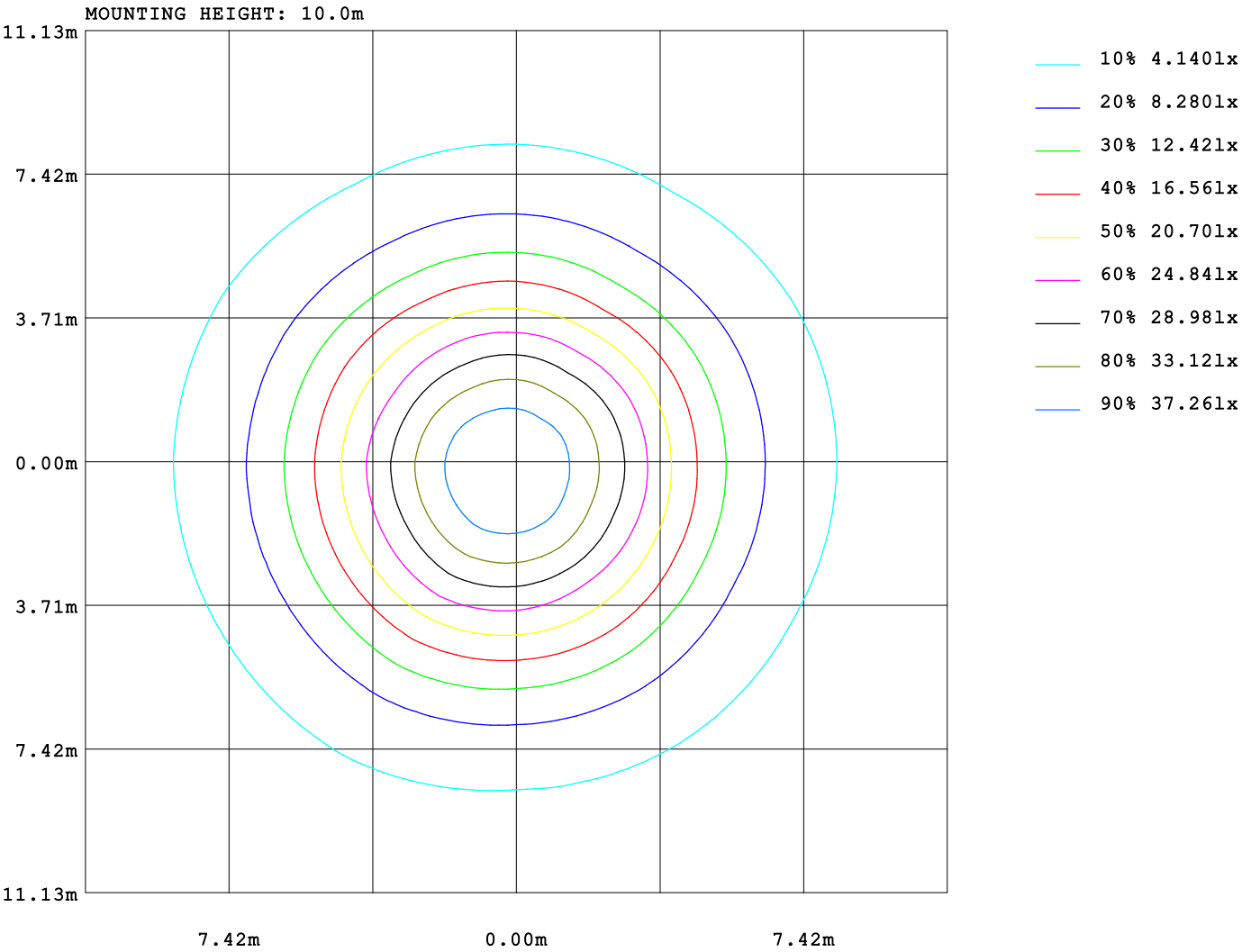
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 DUO XTD 20	TYPE: 5700K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*27 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:9.500 m
Remarks: 5700K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																				
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																				
NAME: XTREME 145 DUO XTD 20										TYPE: 5700K CRI 90					WEIGHT:					
SPECIFICATION:										DIMENSION: 1200*145*27 MM					SERIAL No.:					

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90			
90	0.05	0.19	0.39	0.58	0.68	0.73	0.78	0.85	0.88	0.83	0.72	0.58	0.48	0.42	0.33	0.22	0.12	0.04	8.85	0.00		
80	0.07	0.30	0.68	1.11	1.48	1.79	2.07	2.30	2.38	2.30	2.09	1.75	1.44	1.14	0.81	0.45	0.19	0.05	22.4	0.00		
70	0.08	0.40	0.97	1.72	2.54	3.40	4.16	4.78	5.02	4.88	4.40	3.62	2.84	2.07	1.36	0.74	0.28	0.06	43.3	0.00		
60	0.09	0.50	1.28	2.55	4.24	6.18	8.13	9.87	10.7	10.4	9.01	7.01	5.16	3.43	2.04	1.02	0.38	0.06	82.1	9.03		
50	0.10	0.59	1.62	3.65	6.83	10.6	14.3	17.7	19.7	19.3	16.5	12.7	8.93	5.45	2.88	1.32	0.47	0.07	143	105		
40	0.11	0.68	1.99	4.95	9.99	16.1	23.1	30.5	35.8	34.7	28.1	20.6	13.9	8.17	3.87	1.62	0.55	0.08	235	214		
30	0.12	0.75	2.35	6.29	13.0	22.9	37.9	55.1	65.8	63.4	49.4	32.5	19.6	10.9	4.96	1.89	0.62	0.09	388	372		
20	0.12	0.80	2.64	7.40	15.7	30.5	57.1	82.2	97.0	94.0	75.4	48.2	25.4	13.2	5.88	2.10	0.66	0.09	559	545		
10	0.13	0.82	2.80	8.04	17.4	36.7	70.0	101	119	115	92.8	59.1	29.6	14.6	6.41	2.21	0.69	0.10	677	664		
0	0.13	0.82	2.78	8.01	17.5	37.2	71.7	104	122	119	94.7	60.2	29.8	14.5	6.36	2.19	0.68	0.09	692	679		
-10	0.12	0.79	2.60	7.29	15.7	31.6	61.3	91.3	108	104	81.9	50.5	25.5	13.0	5.74	2.05	0.65	0.09	603	589		
-20	0.12	0.74	2.28	6.10	12.9	23.7	42.8	66.1	78.2	75.0	58.2	35.3	19.6	10.5	4.75	1.82	0.60	0.09	439	423		
-30	0.11	0.66	1.92	4.69	9.72	16.7	26.1	36.8	42.7	40.9	32.6	22.5	14.1	7.73	3.64	1.53	0.53	0.08	263	242		
-40	0.10	0.57	1.55	3.42	6.63	11.0	15.9	19.8	21.4	20.7	18.1	14.0	9.27	5.27	2.65	1.24	0.45	0.07	153	119		
-50	0.09	0.48	1.21	2.40	4.24	6.70	9.24	10.7	11.0	10.7	9.82	8.03	5.58	3.41	1.87	0.95	0.36	0.06	86.9	15.1		
-60	0.08	0.38	0.90	1.64	2.65	3.84	4.89	5.28	5.15	4.98	4.84	4.29	3.24	2.15	1.28	0.69	0.26	0.06	46.6	0.00		
-70	0.07	0.28	0.63	1.08	1.61	2.18	2.58	2.62	2.45	2.37	2.40	2.26	1.83	1.28	0.79	0.42	0.18	0.05	25.1	0.00		
-80	0.05	0.19	0.37	0.59	0.83	1.06	1.17	1.13	1.00	0.97	1.00	0.99	0.83	0.59	0.37	0.23	0.13	0.04	11.5	0.00		
-90																						
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90			
Φ t	1.73	9.93	29.0	71.5	144	263	454	643	749	724	583	385	218	118	56.0	22.7	7.79	1.26	4493			
Φ a	0.00	0.00	0.00	23.7	108	230	421	611	718	693	551	351	183	79.4	7.47	0.00	0.00	0.00		3997		

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:9.500 m
Remarks: 5700K

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 DUO XTD 20

TYPE: 5700K CRI 90

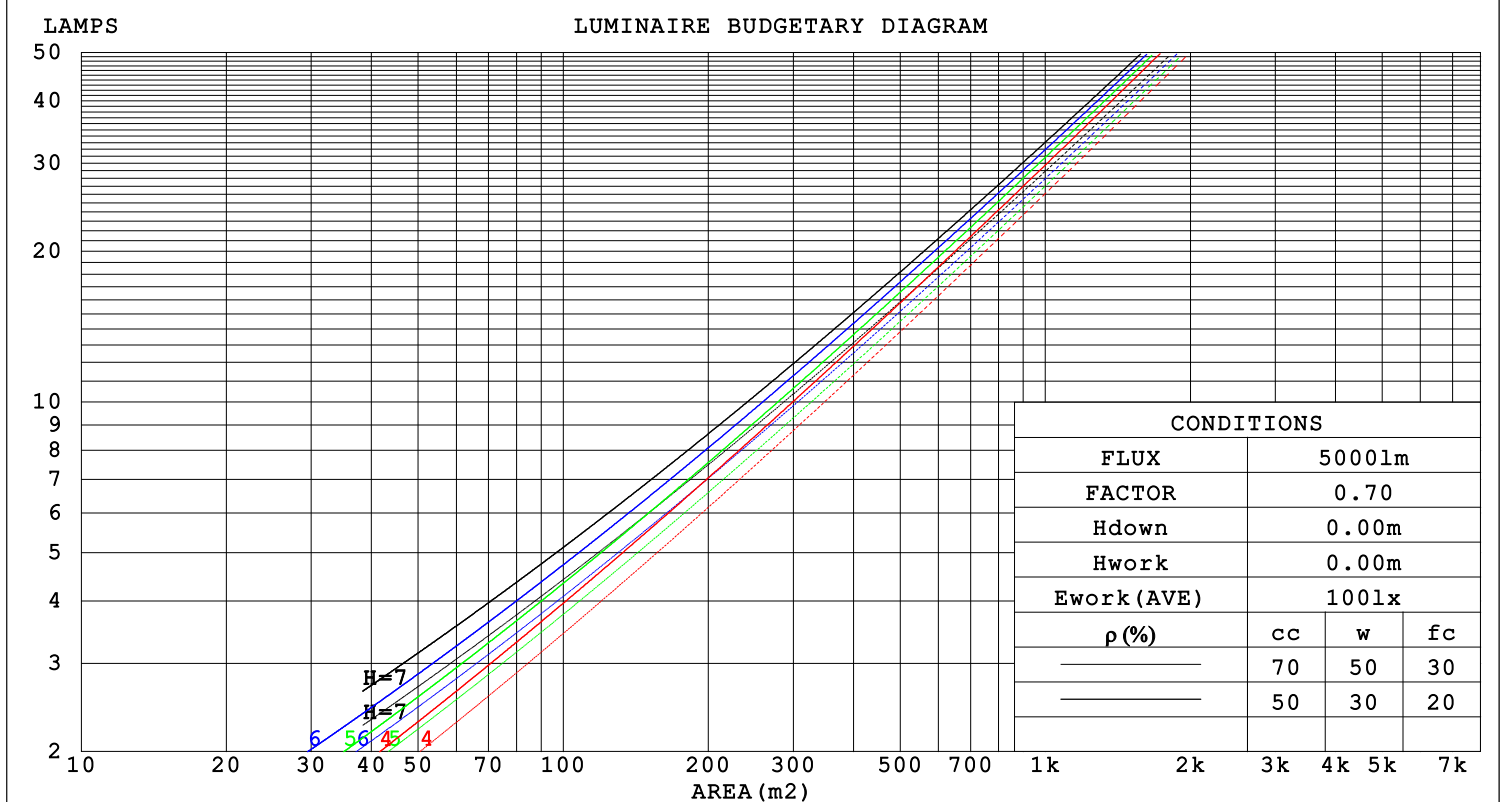
WEIGHT:

SPECIFICATION:

DIMENSION: 1200*145*27 MM

SERIAL No.:

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															



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: 9.500 m
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WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: XTREME 145 DUO XTD 20								TYPE: 5700K CRI 90				WEIGHT:			
SPECIFICATION:								DIMENSION: 1200*145*27 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	.125	.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	.202	.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	.090	.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	.054	.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:9.500 m
Remarks: 5700K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: XTREME 145 DUO XTD 20					TYPE: 5700K CRI 90			WEIGHT:			
SPECIFICATION:					DIMENSION: 1200*145*27 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		16.8	18.0	17.1	18.1	18.3	17.1	18.3	17.4	18.5	18.6
	3H	17.3	18.4	17.6	18.6	18.8	17.5	18.6	17.8	18.8	19.0
	4H	17.5	18.5	17.8	18.8	19.0	17.7	18.8	18.0	19.0	19.2
	6H	17.7	18.7	18.0	18.9	19.2	17.9	18.9	18.2	19.1	19.4
	8H	17.7	18.7	18.1	18.9	19.2	18.0	18.9	18.3	19.1	19.4
	12H	17.8	18.7	18.1	18.9	19.2	18.0	18.9	18.4	19.2	19.5
4H	2H	17.0	18.0	17.3	18.2	18.5	17.3	18.3	17.6	18.5	18.8
	3H	17.6	18.5	18.0	18.8	19.1	17.9	18.8	18.2	19.1	19.4
	4H	18.0	18.8	18.3	19.1	19.4	18.2	19.0	18.6	19.3	19.7
	6H	18.3	19.0	18.7	19.3	19.7	18.5	19.2	18.9	19.6	19.9
	8H	18.3	19.0	18.7	19.4	19.7	18.6	19.3	19.0	19.7	20.0
	12H	18.4	19.0	18.8	19.4	19.8	18.8	19.4	19.2	19.7	20.1
8H	4H	18.1	18.8	18.5	19.1	19.5	18.3	19.0	18.7	19.4	19.7
	6H	18.5	19.0	18.9	19.4	19.8	18.8	19.3	19.2	19.7	20.1
	8H	18.6	19.1	19.1	19.5	20.0	19.0	19.5	19.4	19.9	20.3
	12H	18.8	19.2	19.2	19.6	20.1	19.2	19.6	19.7	20.1	20.5
12H	4H	18.1	18.7	18.5	19.1	19.5	18.3	18.9	18.7	19.3	19.7
	6H	18.5	19.0	19.0	19.4	19.9	18.8	19.3	19.3	19.7	20.2
	8H	18.7	19.1	19.2	19.5	20.0	19.1	19.5	19.5	19.9	20.4
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 4493 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.2)

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:9.500 m
Remarks: 5700K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 DUO XTD 20	TYPE: 5700K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*27 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		

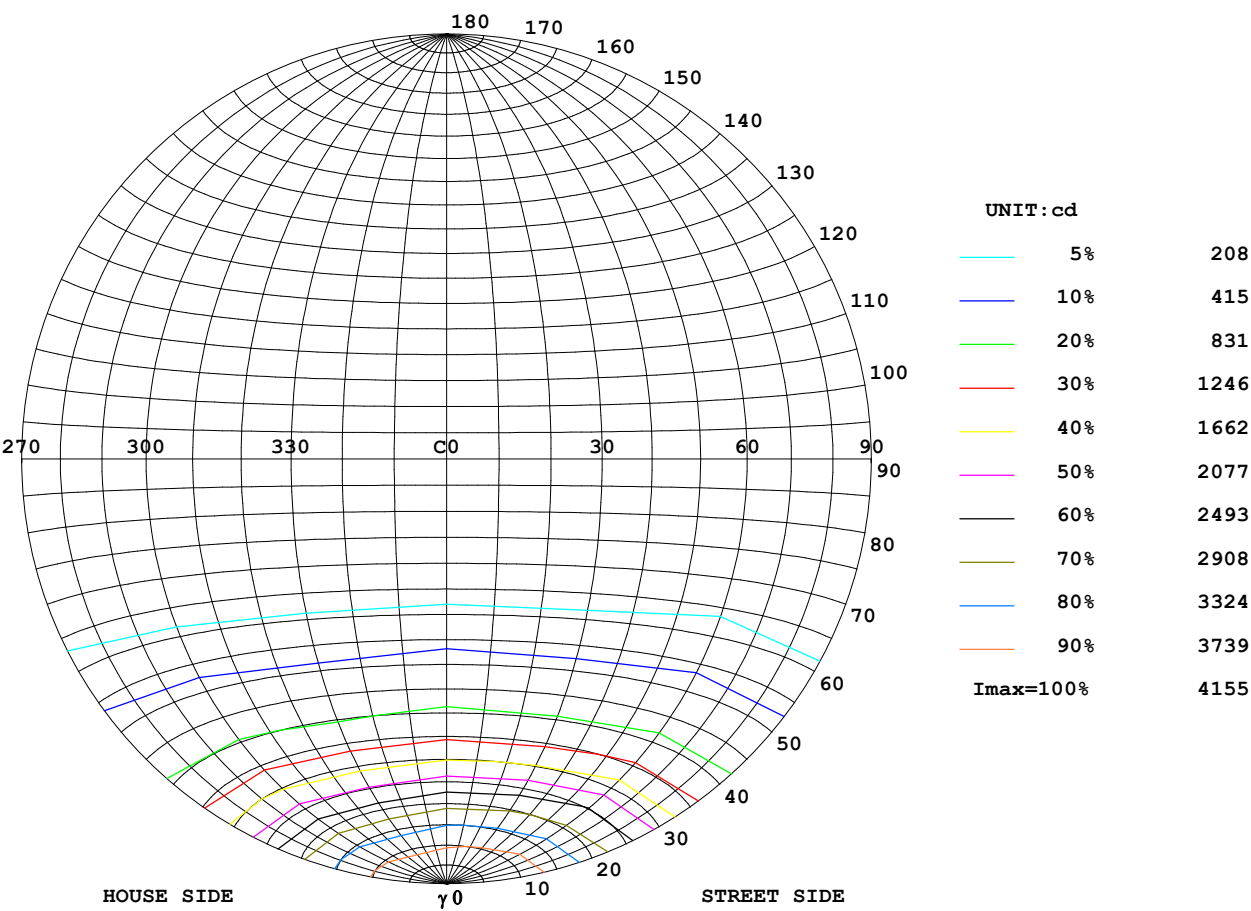
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 DUO XTD 20	TYPE: 5700K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*27 MM	SERIAL No.:



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

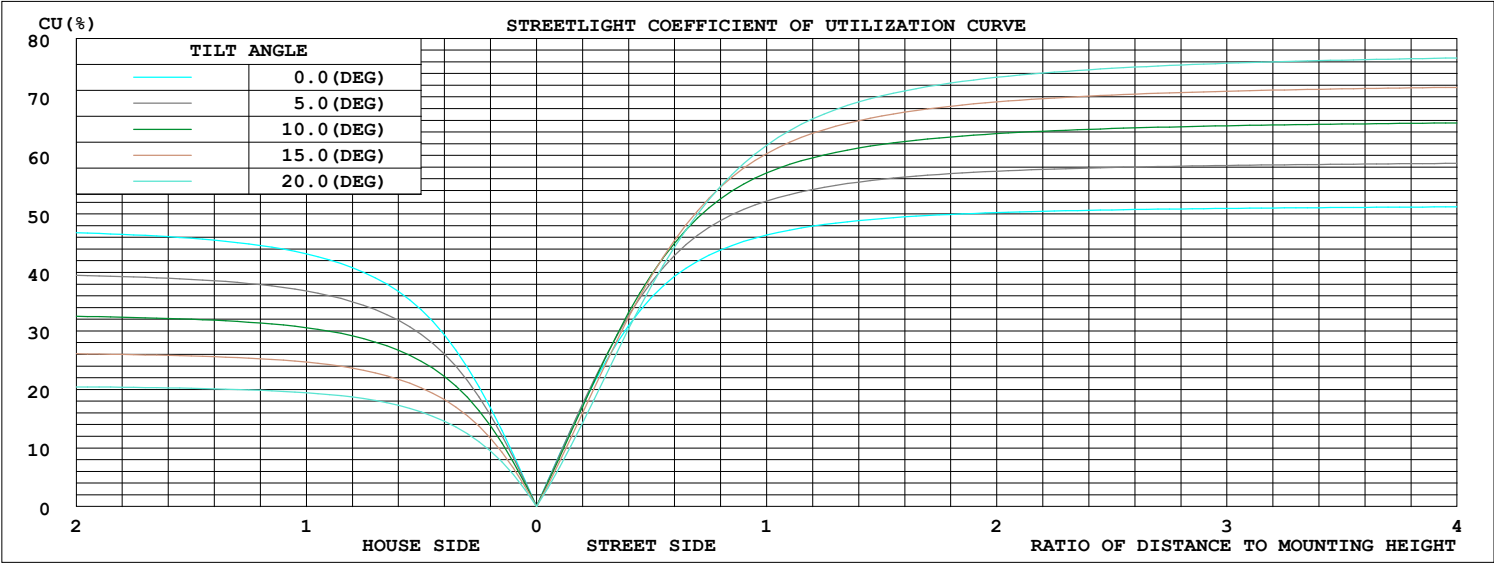
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 DUO XTD 20	TYPE: 5700K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*27 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 41.38 lx



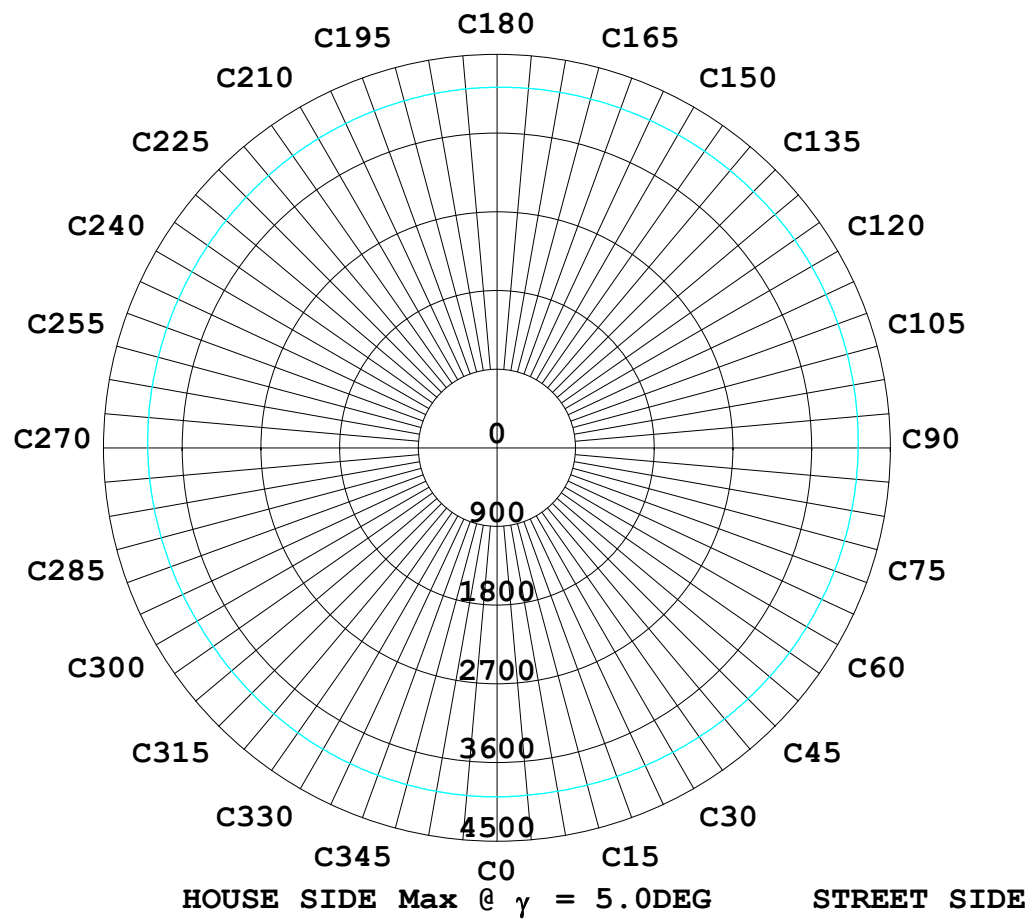
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 DUO XTD 20	TYPE: 5700K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*27 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:9.500 m
Remarks: 5700K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTREME 145 DUO XTD 20	TYPE: 5700K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*27 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	4138	4133	4120	4148	4143	4143	4138	4133	4120	4148	4143	4143
5.0	3992	4020	4092	4130	4155	4138	4126	4088	4030	3996	3963	3980
10.0	3703	3766	3878	3950	4009	3978	3948	3878	3763	3703	3639	3689
15.0	3308	3360	3542	3632	3721	3671	3640	3516	3350	3279	3192	3269
20.0	2788	2872	2974	3158	3298	3205	3185	2973	2857	2737	2673	2745
25.0	2225	2317	2510	2626	2757	2715	2668	2542	2315	2216	2107	2196
30.0	1642	1677	1869	1977	2154	2106	2084	1955	1732	1626	1543	1615
35.0	1179	1177	1297	1359	1513	1481	1479	1391	1215	1154	1095	1160
40.0	881	862	920	944	1053	1052	1063	1017	881	852	803	871
45.0	682	650	684	678	770	778	809	776	670	644	612	668
50.0	509	484	509	496	573	588	622	600	508	483	457	504
55.0	360	338	372	345	423	436	457	451	380	350	320	366
60.0	238	234	262	232	307	299	311	323	257	233	224	251
65.0	160	159	184	153	212	206	204	222	178	156	154	175
70.0	117	110	130	106	150	142	137	152	123	109	105	122
75.0	83.2	75.9	92.3	74.0	106	98.1	99.0	106	83.8	75.7	70.0	84.3
80.0	52.1	50.9	62.7	48.8	73.9	67.8	66.3	74.4	54.0	49.5	42.5	56.2
85.0	26.1	25.0	37.6	28.8	46.6	43.7	37.4	47.8	29.2	27.2	19.4	27.6
90.0	14.8	11.4	19.7	15.4	24.5	18.6	16.6	18.9	10.0	10.9	5.59	8.75

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:9.500 m
Remarks: 5700K