

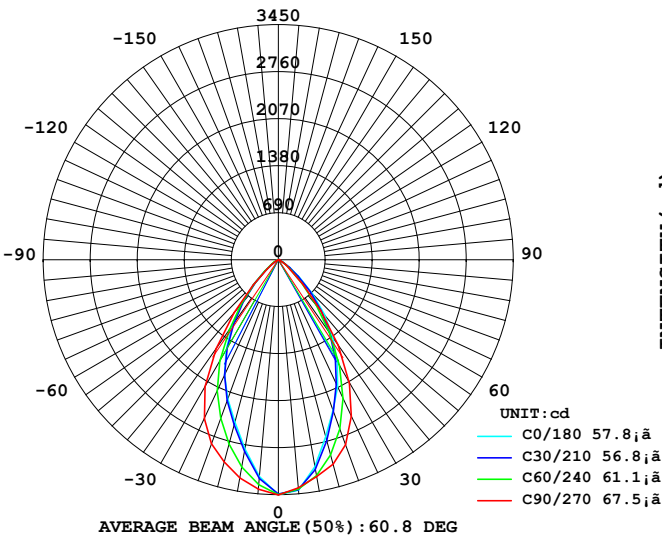
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

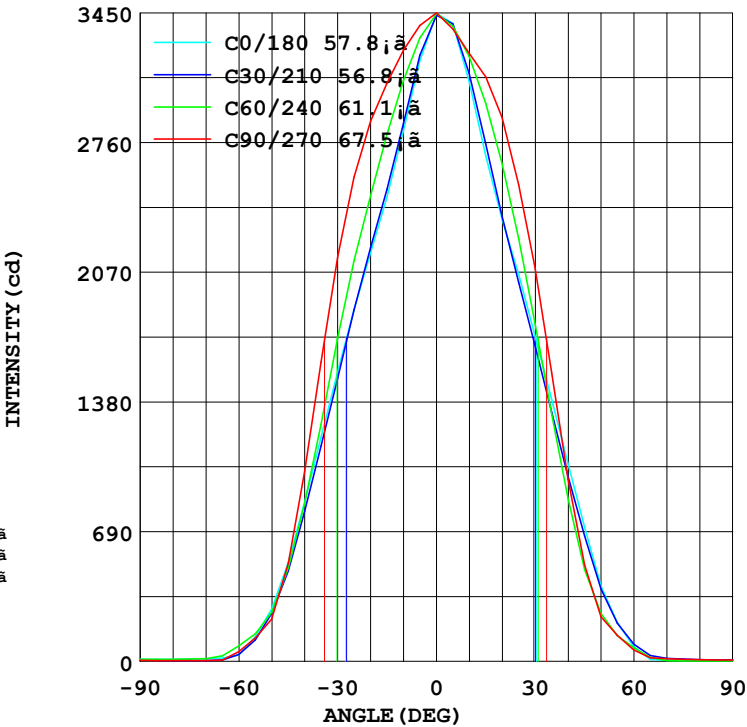
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*55*77 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	3450	S/MH (C0/180)	0.77
MODEL	XTO 30	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.00
NOMINAL POWER (W)	28	TOTAL FLUX (lm)	3511.3	Voltage (V)	219.8
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	125.4	Current (A)	0.120
NOMINAL FLUX (lm)	3511.3	η up (%)	0.0	Power (W)	28.00
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.984
TEST VOLTAGE (V)	219.9	Effictive Flux (lm)	3309.4	EEI	0.115

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:12.200 m
Remarks: 5700K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*55*77 MM	SERIAL No.:

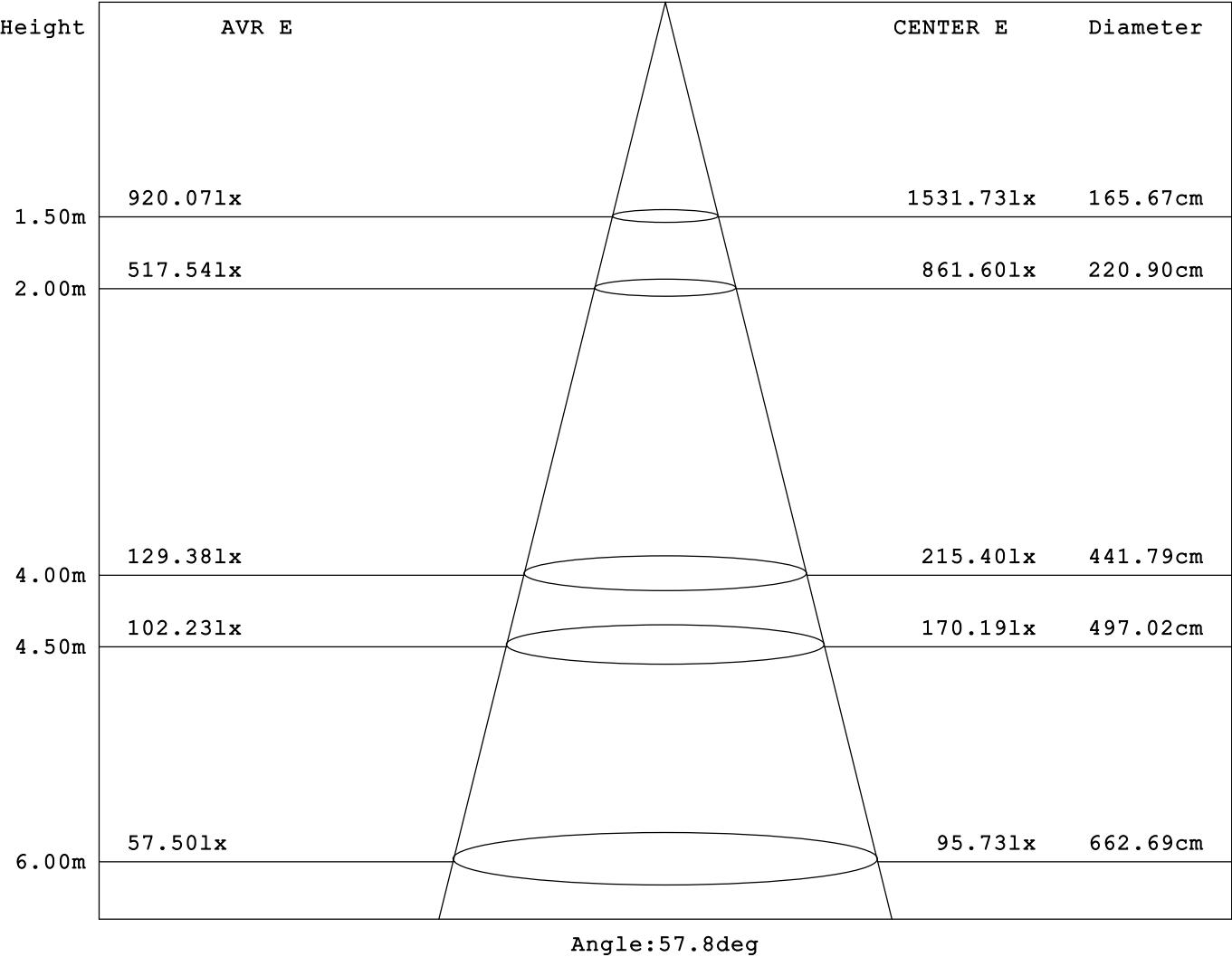
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

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Humidity:65.0%
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AVERAGE AND CENTER E Figure

Report number:

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NAME: XTO CULTIVATOR	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*55*77 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

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Humidity:65.0%
Test Distance:12.200 m
Remarks: 5700K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: XTO CULTIVATOR	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*55*77 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	2826	2978	3252	3151	3085	3172	3235	2955	0- 10	310.1	310.1
20.0	2174	2339	2874	2506	2351	2507	2892	2301	10- 20	779.1	1089
30.0	1539	1613	2151	1774	1730	1738	2093	1550	20- 30	970.2	2060
40.0	849.1	820.4	1012	971.4	1053	925.7	970.1	784.7	30- 40	820.8	2880
50.0	277.7	258.8	224.8	345.9	400.8	319.9	236.8	249.0	40- 50	439.7	3320
60.0	35.27	59.08	51.79	88.63	76.80	81.63	59.68	53.73	50- 60	146.6	3467
70.0	14.43	9.897	3.721	11.08	6.697	9.674	13.69	8.037	60- 70	28.47	3495
80.0	11.75	8.037	3.572	7.516	5.804	5.953	9.228	5.507	70- 80	8.606	3504
90.0	11.16	9.004	5.953	7.888	7.590	4.762	6.846	4.539	80- 90	7.473	3511
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:05-26-2025

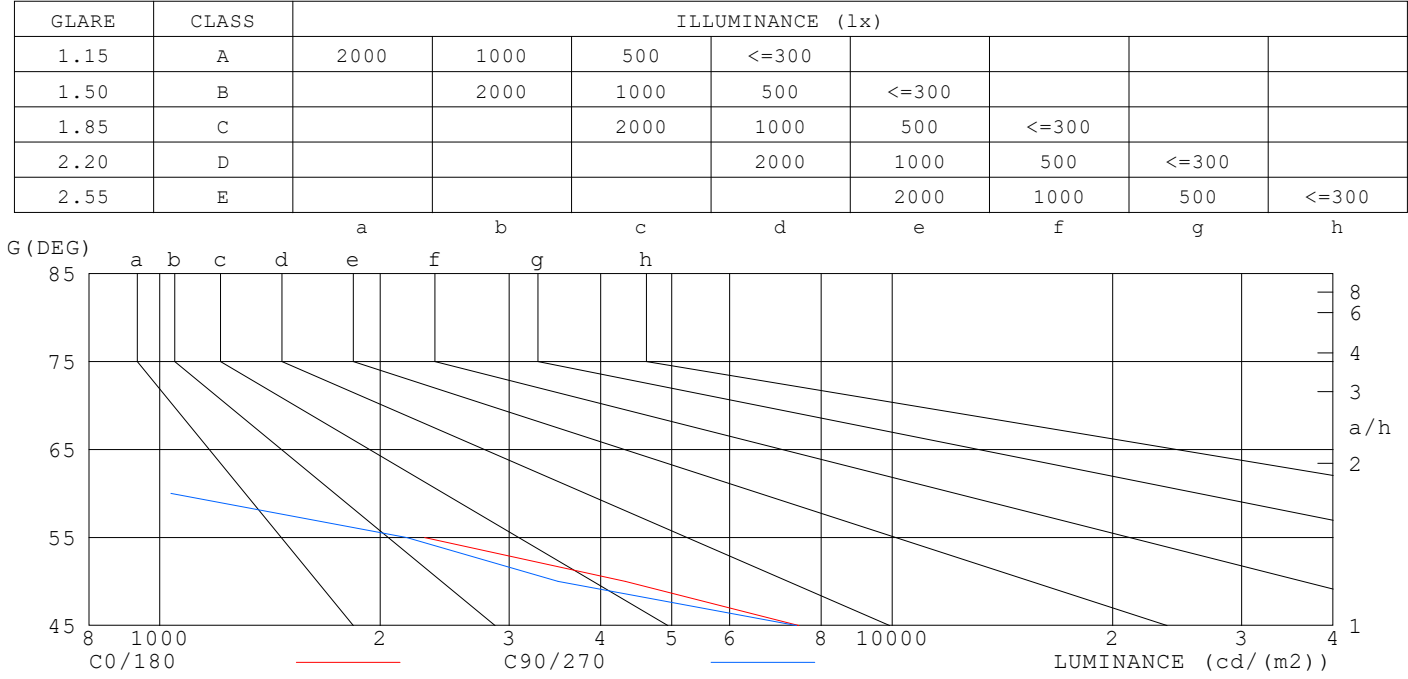
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:12.200 m
 Remarks: 5700K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*55*77 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	1332	461
80	677	206
75	495	132
70	422	109
65	423	183
60	706	1036
55	2299	2175
50	4321	3499
45	7460	7403

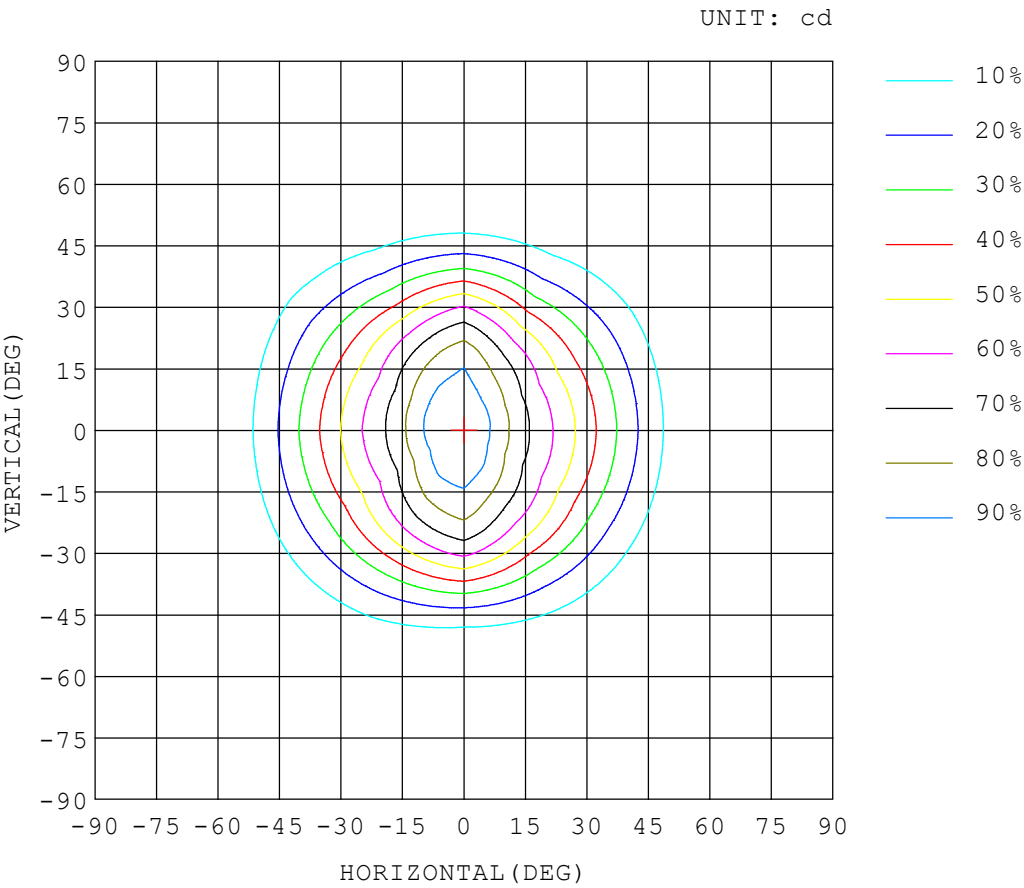
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:12.200 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*55*77 MM	SERIAL No.:



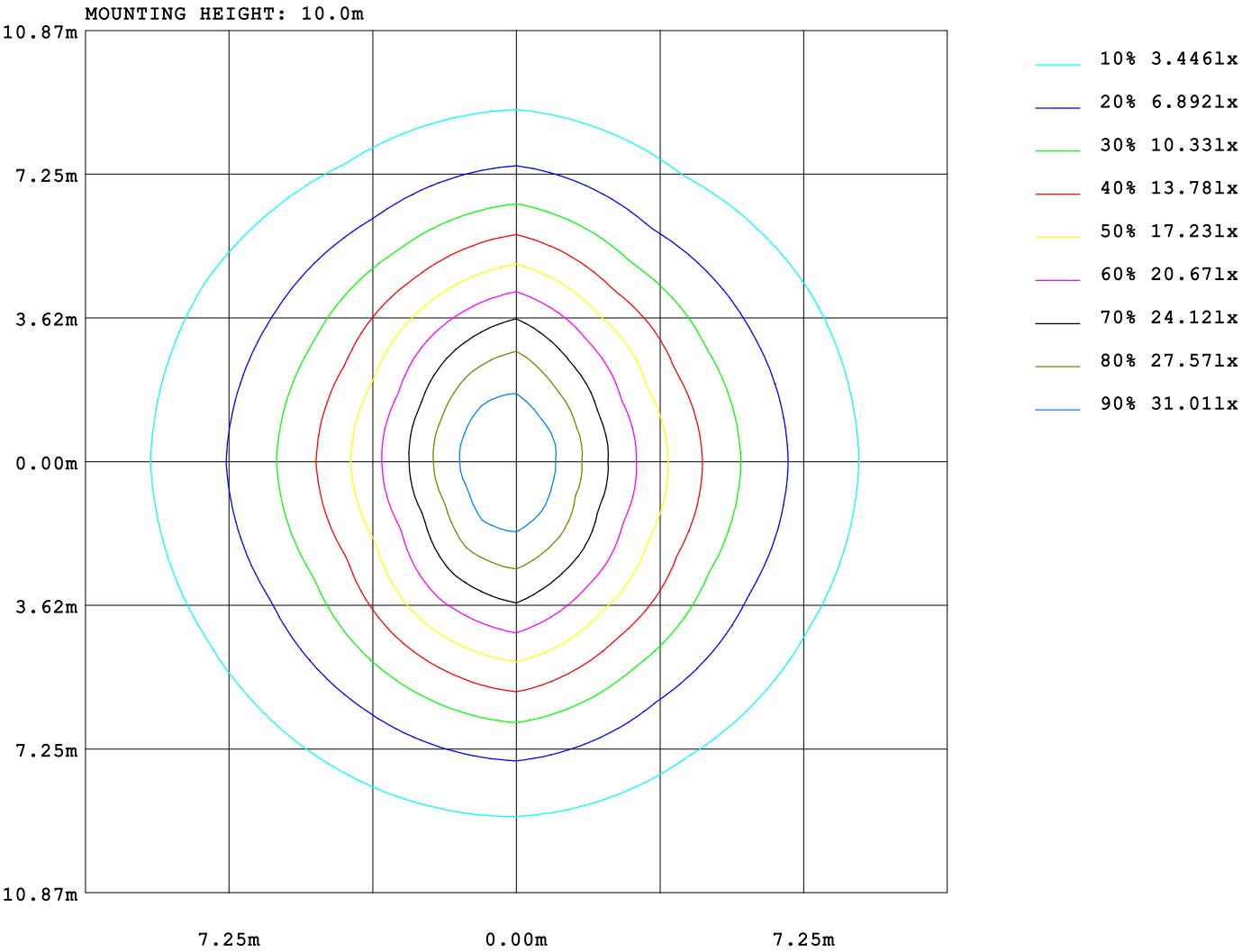
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:12.200 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*55*77 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:12.200 m
Remarks: 5700K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS

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

NAME: XTO CULTIVATOR

TYPE: 5700K CRI-90

WEIGHT:

SPECIFICATION: FULHAM 600 MA

DIMENSION: 1200*55*77 MM

SERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.02	0.06	0.10	0.12	0.11	0.08	0.08	0.15	0.21	0.21	0.15	0.09	0.08	0.10	0.11	0.10	0.07	0.03	1.85	0.00		
90	0.02	0.06	0.11	0.15	0.14	0.10	0.10	0.19	0.30	0.30	0.20	0.10	0.09	0.13	0.13	0.11	0.07	0.03	2.30	0.00		
80	0.02	0.06	0.12	0.19	0.21	0.25	0.41	0.68	0.84	0.79	0.56	0.28	0.18	0.18	0.17	0.13	0.08	0.03	5.16	0.00		
70	0.02	0.06	0.13	0.28	0.62	1.47	2.53	3.61	4.27	4.13	3.24	2.05	1.01	0.40	0.23	0.14	0.08	0.03	24.3	0.00		
60	0.02	0.06	0.15	0.55	2.08	4.76	7.96	12.2	16.0	15.5	11.0	6.69	3.58	1.32	0.37	0.16	0.09	0.03	82.6	49.5		
50	0.02	0.06	0.18	1.20	4.89	11.6	20.8	32.3	43.2	41.9	28.9	17.7	9.08	3.36	0.73	0.19	0.09	0.03	217	202		
40	0.02	0.06	0.24	2.20	8.76	21.1	36.9	55.1	71.3	68.9	49.7	32.2	17.2	6.37	1.35	0.23	0.10	0.03	372	362		
30	0.02	0.06	0.33	3.22	12.5	29.0	48.4	70.5	89.3	85.5	64.5	43.4	24.5	9.47	2.06	0.27	0.10	0.03	484	476		
	0.02	0.05	0.37	3.88	15.1	33.7	55.2	78.1	98.6	94.0	71.5	50.0	28.9	11.5	2.52	0.28	0.10	0.03	544	537		
	0.02	0.05	0.36	3.84	15.0	33.6	54.9	77.3	98.5	94.4	71.8	50.3	28.9	11.4	2.48	0.27	0.10	0.03	544	536		
	0.02	0.05	0.28	3.10	12.4	28.6	48.0	70.7	89.4	86.1	65.8	43.9	24.3	9.18	1.95	0.23	0.09	0.03	484	476		
-30	0.02	0.04	0.17	2.01	8.42	20.9	37.8	57.4	72.9	70.6	52.4	33.3	16.8	5.97	1.19	0.18	0.09	0.03	381	371		
-40	0.02	0.04	0.10	0.99	4.52	12.0	22.9	35.3	45.4	43.9	31.6	19.1	9.09	3.00	0.54	0.13	0.08	0.03	229	215		
-50	0.02	0.04	0.07	0.33	1.89	5.15	9.71	14.1	17.0	16.3	12.3	7.73	3.76	1.15	0.19	0.10	0.07	0.03	90.2	59.9		
-60	0.02	0.04	0.06	0.12	0.57	1.82	3.42	4.26	4.29	4.05	3.65	2.70	1.27	0.36	0.10	0.09	0.07	0.03	26.9	0.00		
-70	0.02	0.04	0.06	0.09	0.20	0.48	0.85	0.90	0.71	0.63	0.71	0.63	0.37	0.18	0.09	0.08	0.07	0.03	6.15	0.00		
-80	0.02	0.04	0.06	0.09	0.16	0.26	0.31	0.25	0.16	0.16	0.24	0.30	0.26	0.17	0.10	0.08	0.07	0.03	2.76	0.00		
-90	0.02	0.05	0.07	0.10	0.16	0.23	0.26	0.22	0.16	0.17	0.23	0.27	0.25	0.18	0.12	0.09	0.07	0.03	2.68	0.00		
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90					
Φ t	0.30	0.91	2.94	22.4	87.9	205	351	514	653	628	469	311	170	64.4	14.4	2.88	1.49	0.52	3511			
Φ a	0.00	0.00	0.00	1.49	68.0	188	334	498	638	614	454	295	153	40.8	0.00	0.00	0.00	0.00			3309	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-26-2025

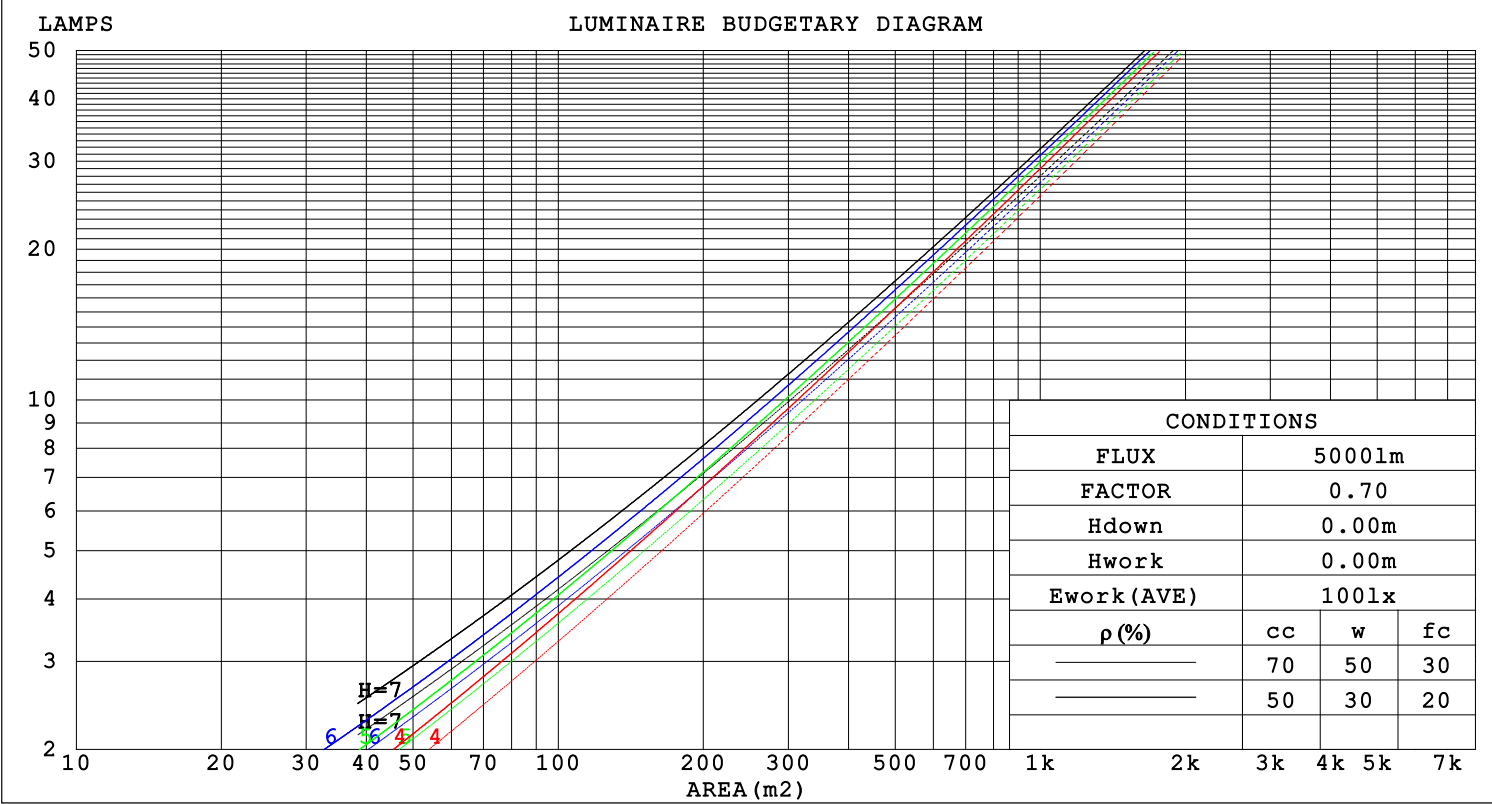
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:12.200 m
 Remarks: 5700K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: XTO CULTIVATOR								TYPE: 5700K CRI-90				WEIGHT:			
SPECIFICATION: FULHAM 600 MA								DIMENSION: 1200*55*77 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
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	1.10	1.07	1.05	1.08	1.05	1.03	1.04	1.02	.00	.00	.98	.97	.96	.95	.94	.92
2.0	1.01	.97	.93	.99	.95	.92	.96	.93	.90	.93	.90	.88	.90	.88	.86	.84
3.0	.93	.88	.83	.92	.87	.83	.89	.85	.81	.87	.83	.80	.84	.81	.79	.77
4.0	.86	.80	.75	.85	.79	.75	.83	.78	.74	.81	.77	.73	.79	.75	.72	.71
5.0	.80	.74	.69	.79	.73	.68	.77	.72	.68	.75	.71	.67	.74	.70	.67	.65
6.0	.74	.68	.63	.73	.67	.63	.72	.66	.62	.70	.66	.62	.69	.65	.61	.60
7.0	.69	.63	.58	.69	.62	.58	.67	.62	.58	.66	.61	.57	.65	.60	.57	.55
8.0	.65	.58	.54	.64	.58	.54	.63	.57	.53	.62	.57	.53	.61	.56	.53	.51
9.0	.61	.54	.50	.60	.54	.50	.59	.54	.50	.58	.53	.49	.57	.53	.49	.48
10.0	.57	.51	.46	.57	.50	.46	.56	.50	.46	.55	.50	.46	.54	.49	.46	.45



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
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Test Distance:12.200 m
Remarks: 5700K

WEC AND CCEC

Report number:

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Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: XTO CULTIVATOR								TYPE: 5700K CRI-90				WEIGHT:			
SPECIFICATION: FULHAM 600 MA								DIMENSION: 1200*55*77 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	.196	.111	.035	.189	.108	.034	.176	.101	.032	.165	.095	.030	.154	.089	.029	
2.0	.189	.104	.032	.183	.101	.031	.172	.096	.030	.163	.091	.029	.153	.087	.027	
3.0	.181	.096	.029	.176	.094	.028	.166	.090	.027	.158	.087	.027	.150	.083	.026	
4.0	.172	.089	.026	.168	.088	.026	.160	.085	.025	.152	.082	.025	.145	.079	.024	
5.0	.164	.084	.024	.160	.082	.024	.153	.080	.023	.147	.077	.023	.140	.075	.023	
6.0	.156	.078	.022	.153	.077	.022	.147	.075	.022	.141	.073	.022	.135	.071	.021	
7.0	.149	.074	.021	.146	.073	.021	.140	.071	.020	.135	.069	.020	.130	.068	.020	
8.0	.142	.069	.020	.139	.069	.019	.134	.067	.019	.130	.066	.019	.125	.064	.019	
9.0	.136	.066	.018	.133	.065	.018	.129	.064	.018	.125	.062	.018	.121	.061	.018	
10.0	.130	.062	.017	.128	.062	.017	.124	.061	.017	.120	.059	.017	.116	.058	.017	

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	.172	.157	.143	.148	.135	.123	.101	.093	.085	.058	.054	.050	.019	.017	.016	
2.0	.159	.132	.110	.136	.114	.095	.093	.079	.067	.054	.046	.039	.017	.015	.013	
3.0	.147	.114	.087	.126	.098	.075	.087	.068	.053	.050	.040	.031	.016	.013	.010	
4.0	.138	.099	.070	.118	.086	.061	.081	.060	.043	.047	.035	.025	.015	.011	.008	
5.0	.130	.088	.057	.111	.076	.050	.077	.053	.035	.044	.031	.021	.014	.010	.007	
6.0	.123	.079	.047	.106	.068	.041	.073	.048	.029	.042	.028	.017	.014	.009	.006	
7.0	.117	.072	.040	.100	.062	.035	.069	.043	.025	.040	.026	.015	.013	.008	.005	
8.0	.111	.065	.034	.096	.057	.030	.066	.040	.021	.038	.024	.013	.012	.008	.004	
9.0	.106	.060	.030	.091	.052	.026	.063	.037	.018	.037	.022	.011	.012	.007	.004	
10.0	.101	.056	.026	.087	.049	.023	.061	.034	.016	.035	.020	.010	.011	.007	.003	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:12.200 m
Remarks: 5700K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: XTO CULTIVATOR					TYPE: 5700K CRI-90			WEIGHT:			
SPECIFICATION: FULHAM 600 MA					DIMENSION: 1200*55*77 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	14.4	15.5	14.7	15.7	15.8	15.1	16.2	15.3	16.3	16.5	
	3H	14.3	15.2	14.5	15.4	15.7	14.9	15.9	15.2	16.1	
	4H	14.2	15.1	14.5	15.3	15.6	14.8	15.8	15.1	16.0	
	6H	14.1	15.0	14.4	15.2	15.5	14.7	15.6	15.0	15.9	
	8H	14.1	14.9	14.4	15.2	15.5	14.7	15.5	15.0	15.8	
	12H	14.1	14.9	14.4	15.2	15.5	14.7	15.5	15.0	15.7	
4H	2H	14.2	15.1	14.5	15.4	15.6	14.9	15.8	15.1	16.0	
	3H	14.0	14.8	14.4	15.1	15.4	14.7	15.5	15.0	15.8	
	4H	14.0	14.7	14.3	15.0	15.3	14.6	15.3	15.0	15.6	
	6H	13.9	14.6	14.3	14.9	15.2	14.5	15.2	14.9	15.5	
	8H	13.9	14.5	14.3	14.9	15.2	14.5	15.1	14.9	15.4	
	12H	14.0	14.5	14.4	14.9	15.3	14.5	15.0	14.9	15.4	
8H	4H	13.8	14.4	14.2	14.8	15.1	14.5	15.1	14.9	15.4	
	6H	13.8	14.3	14.2	14.7	15.1	14.4	14.9	14.8	15.3	
	8H	13.8	14.2	14.3	14.6	15.1	14.4	14.8	14.9	15.2	
	12H	13.9	14.2	14.4	14.7	15.2	14.4	14.8	14.9	15.2	
12H	4H	13.8	14.3	14.2	14.7	15.1	14.4	15.0	14.8	15.3	
	6H	13.8	14.2	14.2	14.6	15.0	14.4	14.8	14.8	15.2	
	8H	13.8	14.1	14.3	14.6	15.1	14.4	14.7	14.8	15.2	
Variations with the observer position at spacings:											
S = 1.0H	+ 2.5 / - 8.6					+ 3.1 / - 7.9					
1.5H	+ 3.6 / - 7.7					+ 4.7 / - 4.5					
2.0H	+ 6.4 / - 7.9					+ 6.2 / - 8.5					

CIE Pub.117 Corrected 3511 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.4)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:12.200 m
Remarks: 5700K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: XTO CULTIVATOR	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*55*77 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) $k(RI) \times RCR = 5$									
$k = 0.60$	80	72	68	79	72	68	79	72	68	63
0.80	89	81	77	88	81	77	87	81	76	72
1.00	95	88	84	94	87	83	92	88	83	78
1.25	100	93	89	98	93	89	96	92	88	83
1.50	103	97	93	102	96	93	99	95	92	87
2.00	106	102	98	105	101	97	102	99	96	90
2.50	108	104	101	107	103	100	104	100	98	91
3.00	110	106	103	108	105	102	105	102	100	93
4.00	113	109	107	110	108	105	107	104	103	95
5.00	114	111	109	112	109	107	108	106	104	96
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

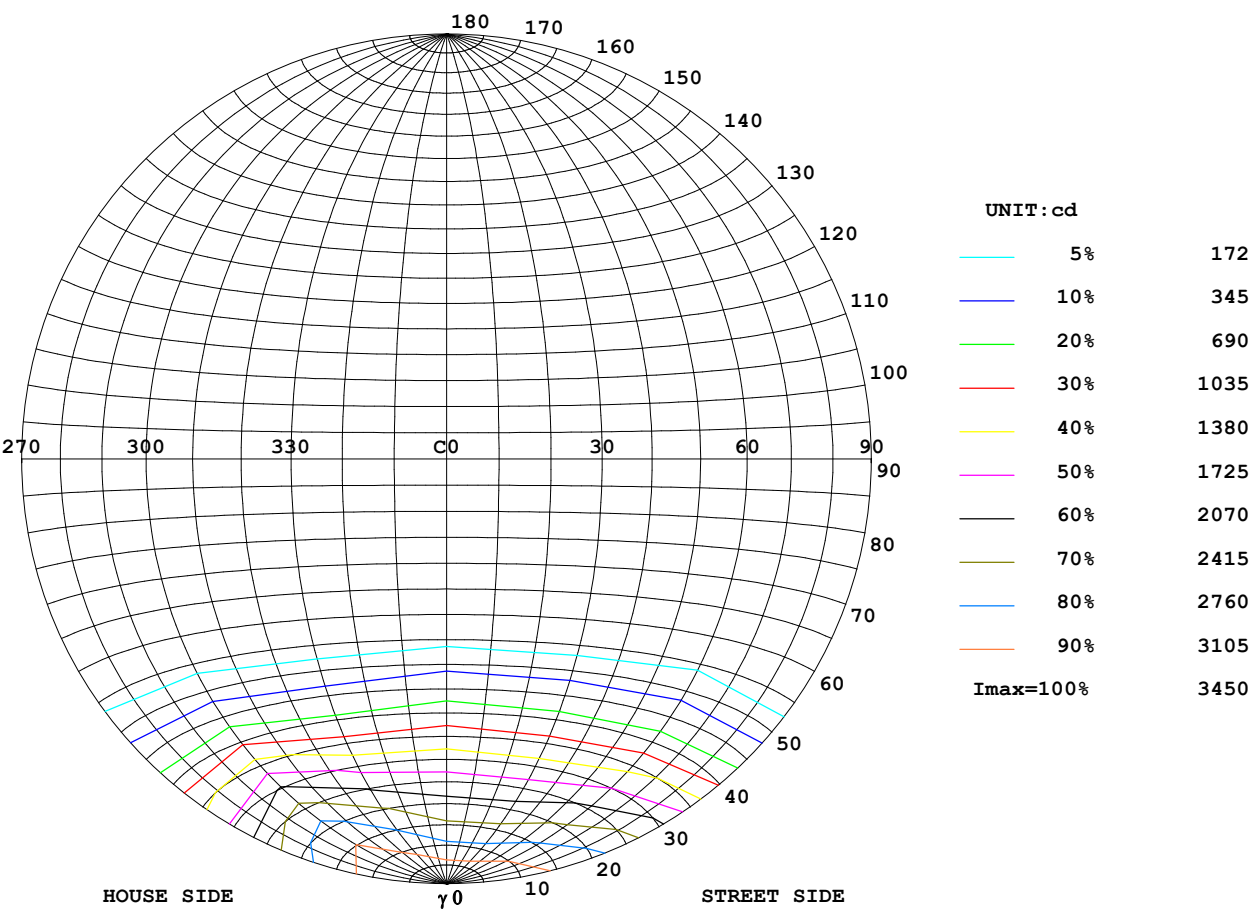
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 05-26-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 12.200 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*55*77 MM	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

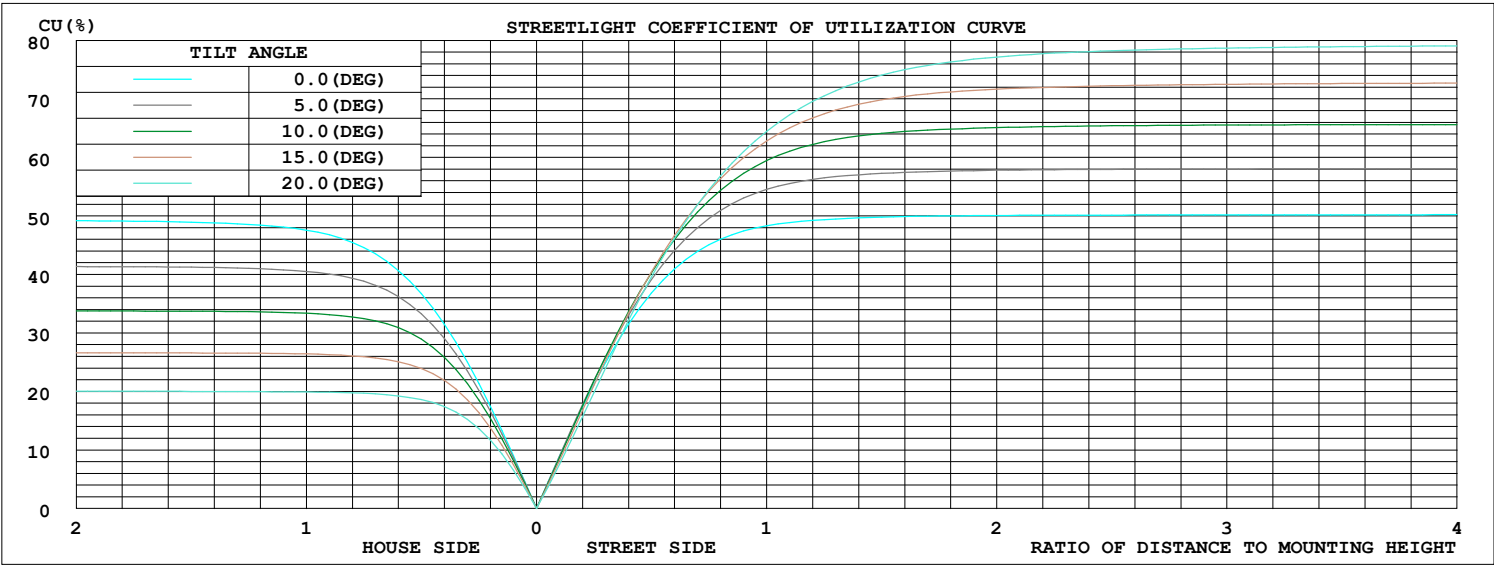
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:12.200 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*55*77 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 34.46 lx



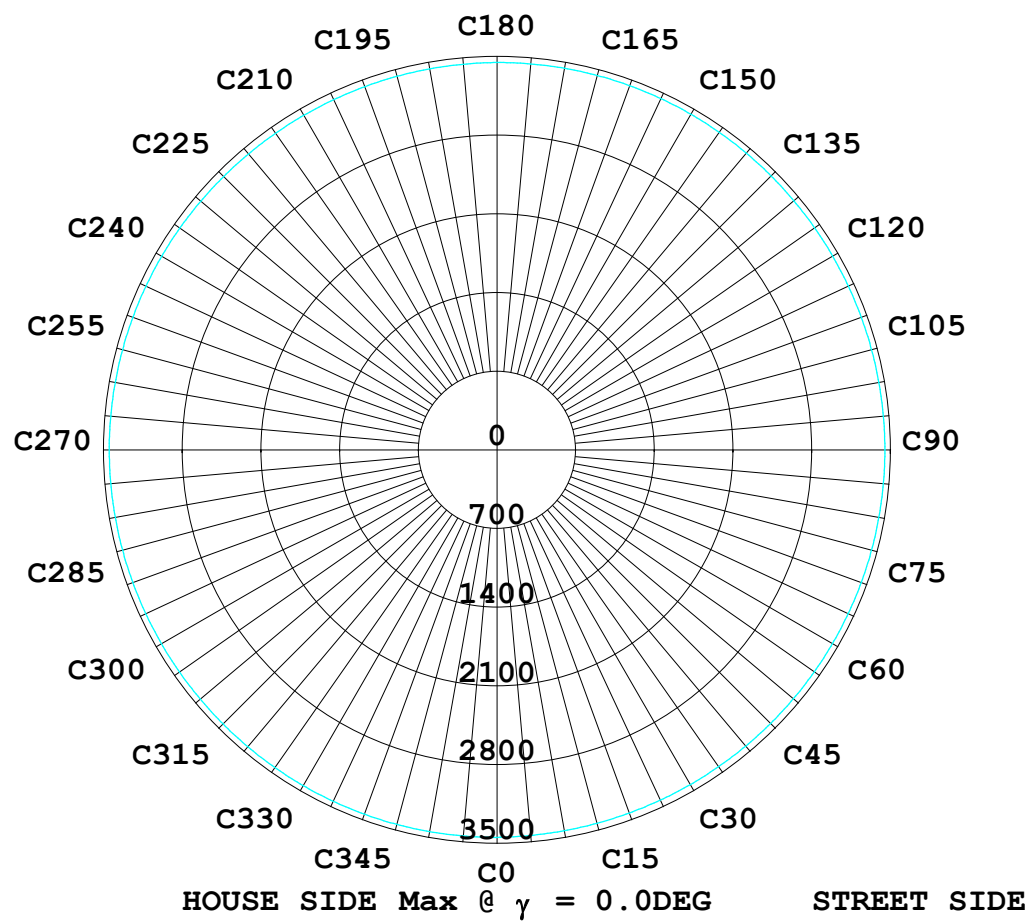
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:12.200 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*55*77 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:12.200 m
Remarks: 5700K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*55*77 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	3446	3438	3446	3450	3448	3449	3446	3438	3446	3450	3448	3449
5.0	3196	3225	3316	3383	3407	3381	3393	3391	3379	3363	3280	3248
10.0	2826	2864	3091	3252	3232	3071	3085	3127	3217	3235	3030	2880
15.0	2468	2509	2802	3074	2981	2694	2689	2751	2968	3109	2753	2508
20.0	2174	2201	2477	2874	2685	2328	2351	2367	2647	2892	2441	2161
25.0	1869	1867	2129	2574	2328	1989	2058	2015	2248	2533	2045	1831
30.0	1539	1506	1721	2151	1899	1650	1730	1678	1797	2093	1603	1498
35.0	1190	1144	1260	1591	1435	1306	1394	1325	1315	1534	1146	1155
40.0	849	799	842	1012	978	964	1053	984	867	970	752	817
45.0	527	482	498	523	605	651	711	666	488	512	419	517
50.0	278	256	261	225	328	364	401	386	254	237	219	279
55.0	132	116	148	125	184	181	207	203	138	139	117	135
60.0	35.2	36.3	81.8	51.7	104	73.5	76.8	91.5	71.7	59.6	55.0	52.3
65.0	17.8	8.18	30.0	7.73	46.1	16.9	11.6	32.0	20.5	19.7	11.3	20.3
70.0	14.4	4.61	15.1	3.72	16.9	5.20	6.69	15.9	3.42	13.6	2.97	13.0
75.0	12.8	4.46	12.5	3.42	12.9	4.16	6.10	12.0	2.38	11.1	2.53	10.7
80.0	11.7	4.91	11.1	3.57	11.0	4.01	5.80	9.97	1.93	9.22	2.08	8.93
85.0	11.6	5.65	10.8	4.01	10.2	4.31	5.65	8.33	1.78	8.03	1.93	7.73
90.0	11.1	7.29	10.7	5.95	9.97	5.80	7.59	6.99	2.53	6.84	2.67	6.40

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:12.200 m
Remarks: 5700K