

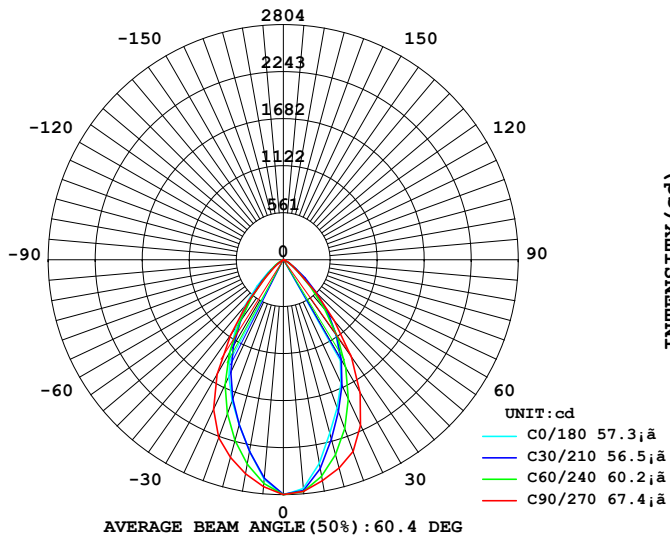
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

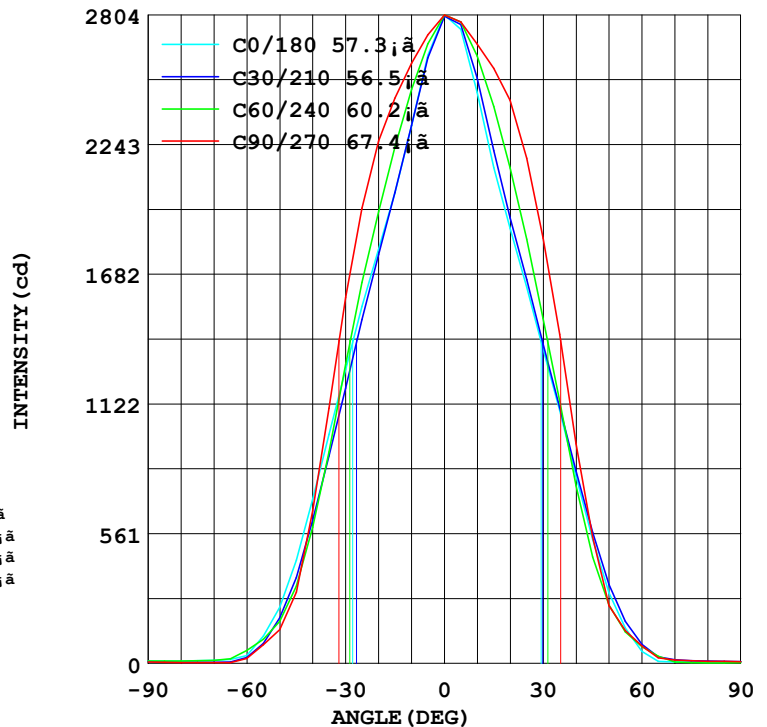
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: XTO CULTIVATOR	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-600 MA	DIMENSION: 1200*55*77 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	2806	S/MH (C0/180)	0.78
MODEL	XTO 35	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.95
NOMINAL POWER (W)	28	TOTAL FLUX (lm)	2843.9	Voltage (V)	219.5
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	100.8	Current (A)	0.127
NOMINAL FLUX (lm)	2843.9	η up (%)	0.0	Power (W)	28.20
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.983
TEST VOLTAGE (V)	219.5	Effective Flux (lm)	2666.8	EEI	0.144

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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: 11.000 m
Remarks: 3000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-600 MA	DIMENSION: 1200*55*77 MM	SERIAL No.:

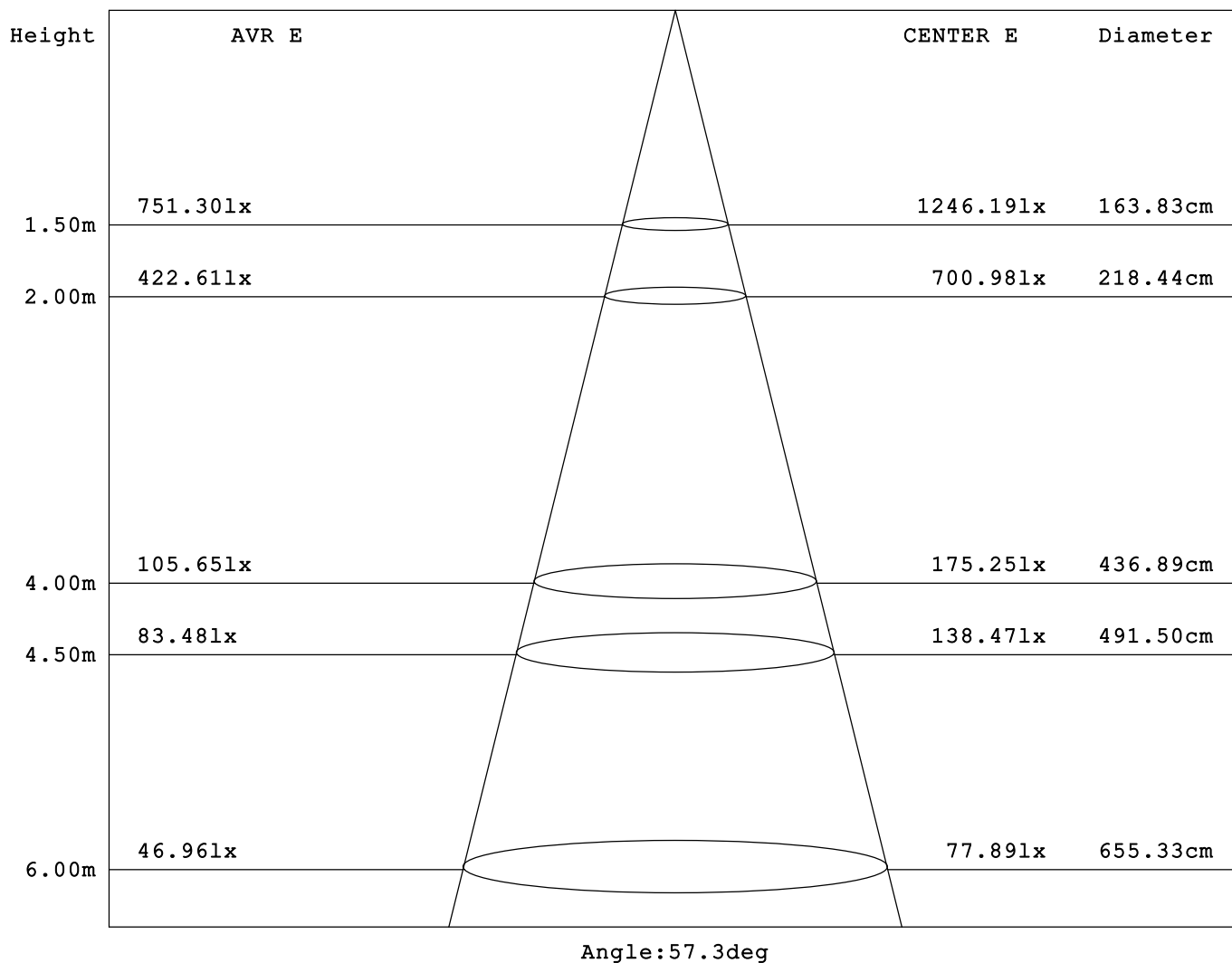
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks: 3000K

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 3000K 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: 11.000 m
 Remarks: 3000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 3000K 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	2325	2403	2595	2505	2468	2578	2678	2469	0- 10	252.2	252.2
20.0	1791	1860	2259	1975	1880	2034	2433	1953	10- 20	631.9	884.2
30.0	1270	1241	1581	1340	1358	1436	1839	1357	20- 30	784.7	1669
40.0	710.6	603.8	658.9	682.7	810.4	800.4	949.1	722.4	30- 40	661.2	2330
50.0	242.4	189.0	145.4	226.9	304.5	297.2	250.3	248.9	40- 50	352.8	2683
60.0	34.36	40.41	22.02	55.35	52.03	77.37	75.02	59.89	50- 60	120.5	2804
70.0	13.79	8.712	3.509	8.712	6.413	10.64	14.03	8.591	60- 70	24.40	2828
80.0	11.01	7.562	3.630	7.018	5.687	6.352	9.559	5.989	70- 80	8.382	2836
90.0	10.64	8.833	6.171	7.744	7.381	5.142	7.139	4.961	80- 90	7.492	2844
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:11.000 m
Remarks: 3000K

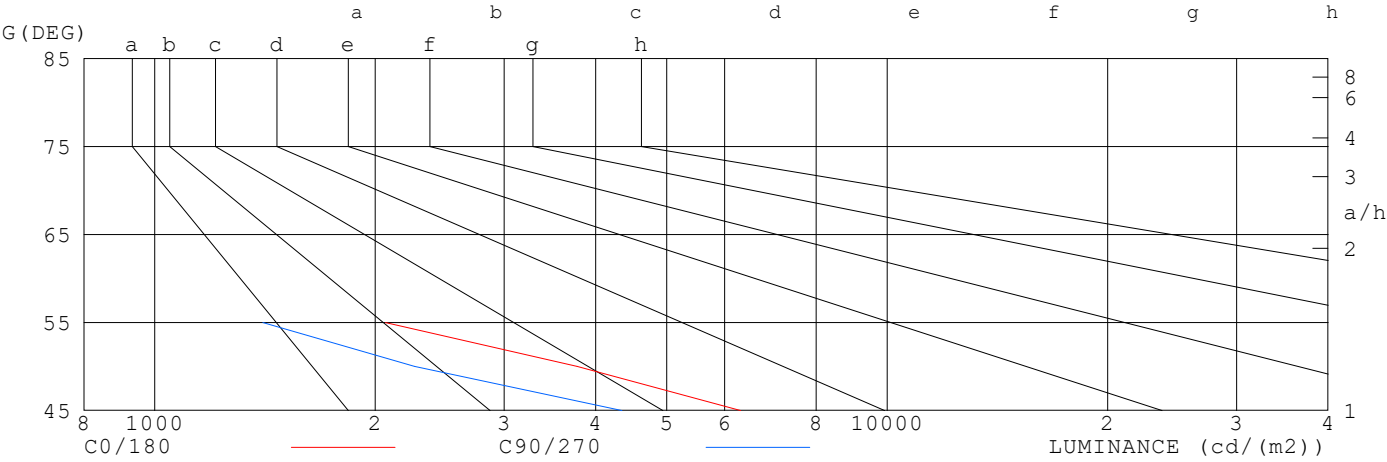
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-600 MA	DIMENSION: 1200*55*77 MM	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	1236	500
80	634	209
75	468	131
70	403	103
65	395	97
60	687	440
55	2065	1405
50	3772	2263
45	6309	4343

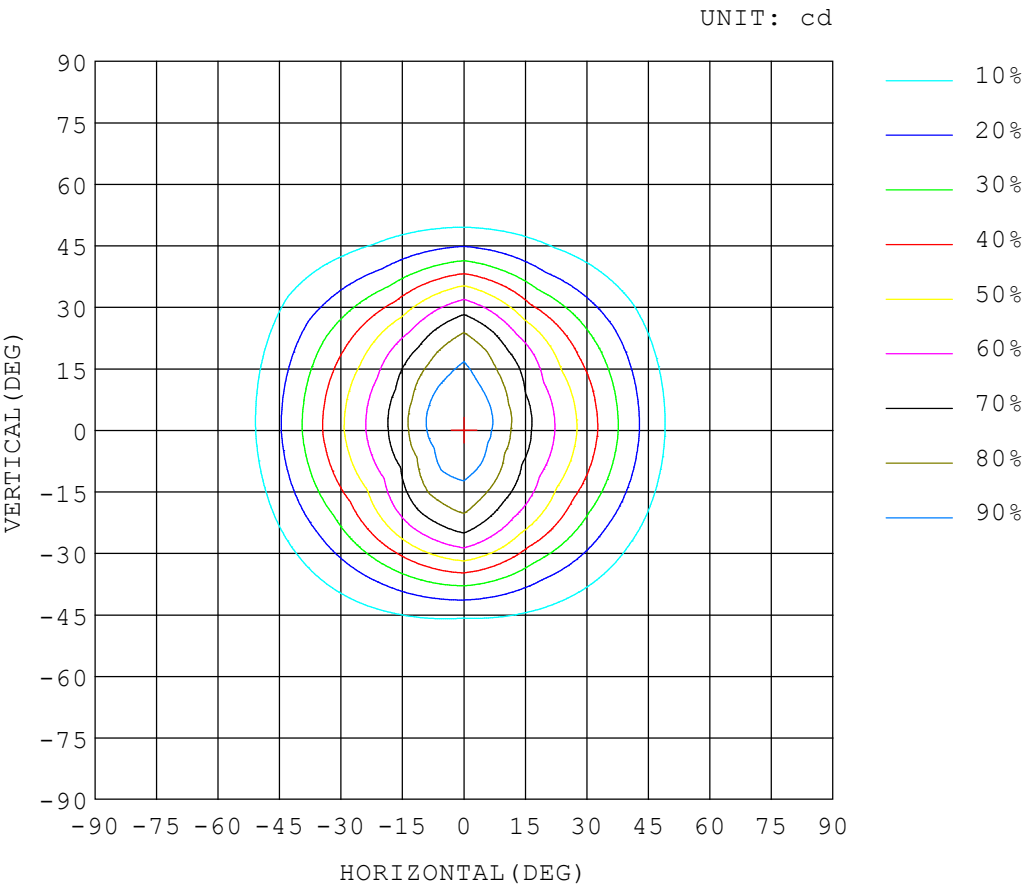
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-600 MA	DIMENSION: 1200*55*77 MM	SERIAL No.:



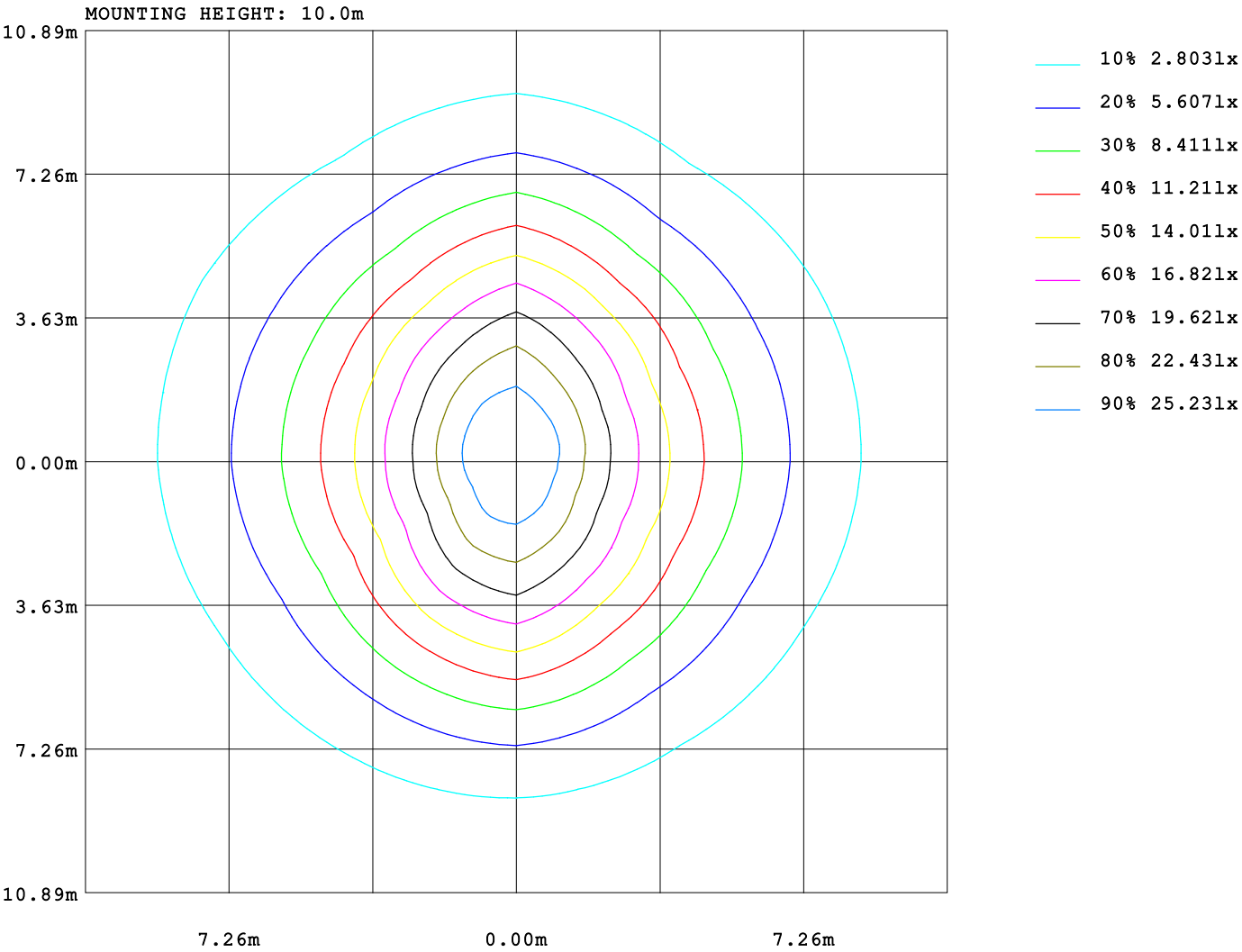
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 3000K 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:11.000 m
Remarks: 3000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS

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

NAME: XTO CULTIVATOR

TYPE: 3000K CRI-90

WEIGHT:

SPECIFICATION: FULHAM-600 MA

DIMENSION: 1200*55*77 MM

SERIAL No.:

90	AREA FLUX DIAGRAM																UNIT:lm			Φ t	Φ a
	0.02	0.06	0.10	0.12	0.12	0.09	0.10	0.16	0.22	0.22	0.16	0.10	0.09	0.11	0.12	0.10	0.07	0.03	1.99	0.00	
80	0.02	0.06	0.11	0.15	0.15	0.11	0.12	0.22	0.31	0.31	0.21	0.11	0.11	0.14	0.14	0.11	0.07	0.03	2.45	0.00	
70	0.02	0.06	0.12	0.19	0.22	0.32	0.56	0.85	1.01	0.97	0.72	0.40	0.23	0.19	0.18	0.13	0.08	0.03	6.26	0.00	
60	0.02	0.06	0.13	0.27	0.63	1.49	2.57	3.71	4.48	4.37	3.43	2.20	1.16	0.47	0.24	0.14	0.08	0.03	25.5	0.00	
50	0.02	0.06	0.14	0.49	1.89	4.44	7.64	11.9	16.1	15.8	11.2	6.78	3.64	1.42	0.40	0.16	0.08	0.03	82.4	58.0	
40	0.02	0.06	0.16	1.03	4.34	10.3	18.4	28.6	39.2	38.7	27.2	16.7	8.69	3.36	0.77	0.19	0.09	0.03	198	187	
30	0.02	0.06	0.21	1.80	7.41	17.8	31.0	45.7	60.3	59.7	44.0	28.7	15.5	5.96	1.35	0.23	0.09	0.03	320	313	
VERTICAL (DEG)	0.02	0.05	0.26	2.55	10.1	23.7	39.7	57.4	73.2	71.7	54.9	37.0	21.2	8.41	1.94	0.27	0.10	0.03	403	396	
	0.02	0.05	0.28	2.95	11.7	26.8	44.2	62.8	80.3	78.0	59.5	41.6	24.3	9.86	2.28	0.28	0.10	0.03	446	440	
	0.02	0.05	0.25	2.82	11.2	26.0	43.1	61.4	78.7	76.4	58.5	41.0	23.7	9.51	2.17	0.26	0.09	0.03	436	429	
	0.02	0.05	0.20	2.20	8.95	21.4	36.8	55.4	70.8	68.3	52.2	34.8	19.3	7.47	1.66	0.21	0.09	0.03	380	373	
	0.02	0.04	0.13	1.37	5.84	14.7	27.8	43.4	55.7	54.0	39.8	25.3	13.0	4.72	0.98	0.16	0.08	0.03	287	279	
-30	0.02	0.04	0.08	0.64	3.02	7.90	15.4	24.6	31.9	31.0	22.4	13.7	6.73	2.28	0.42	0.12	0.07	0.03	161	148	
-40	0.02	0.04	0.06	0.22	1.20	3.37	6.09	8.72	10.6	10.3	8.15	5.37	2.72	0.82	0.16	0.10	0.07	0.03	58.1	29.0	
-50	0.02	0.04	0.06	0.09	0.34	1.10	2.17	2.70	2.69	2.59	2.43	1.86	0.87	0.26	0.09	0.09	0.07	0.03	17.5	0.00	
-60	0.02	0.04	0.06	0.08	0.16	0.31	0.50	0.51	0.37	0.35	0.46	0.45	0.30	0.16	0.09	0.08	0.07	0.03	4.03	0.00	
-70	0.02	0.04	0.06	0.09	0.15	0.23	0.27	0.22	0.15	0.15	0.22	0.27	0.24	0.16	0.10	0.08	0.07	0.03	2.54	0.00	
-80	0.02	0.05	0.07	0.10	0.16	0.22	0.24	0.21	0.17	0.17	0.22	0.26	0.24	0.18	0.12	0.09	0.07	0.03	2.60	0.00	
-90																					
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90																					
Φ t	0.30	0.90	2.47	17.1	67.7	161	277	409	527	513	386	257	142	55.5	13.2	2.80	1.43	0.49	2844		
Φ a	0.00	0.00	0.00	0.72	51.0	146	263	396	514	501	373	243	128	36.5	0.00	0.00	0.00	0.00		2667	

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

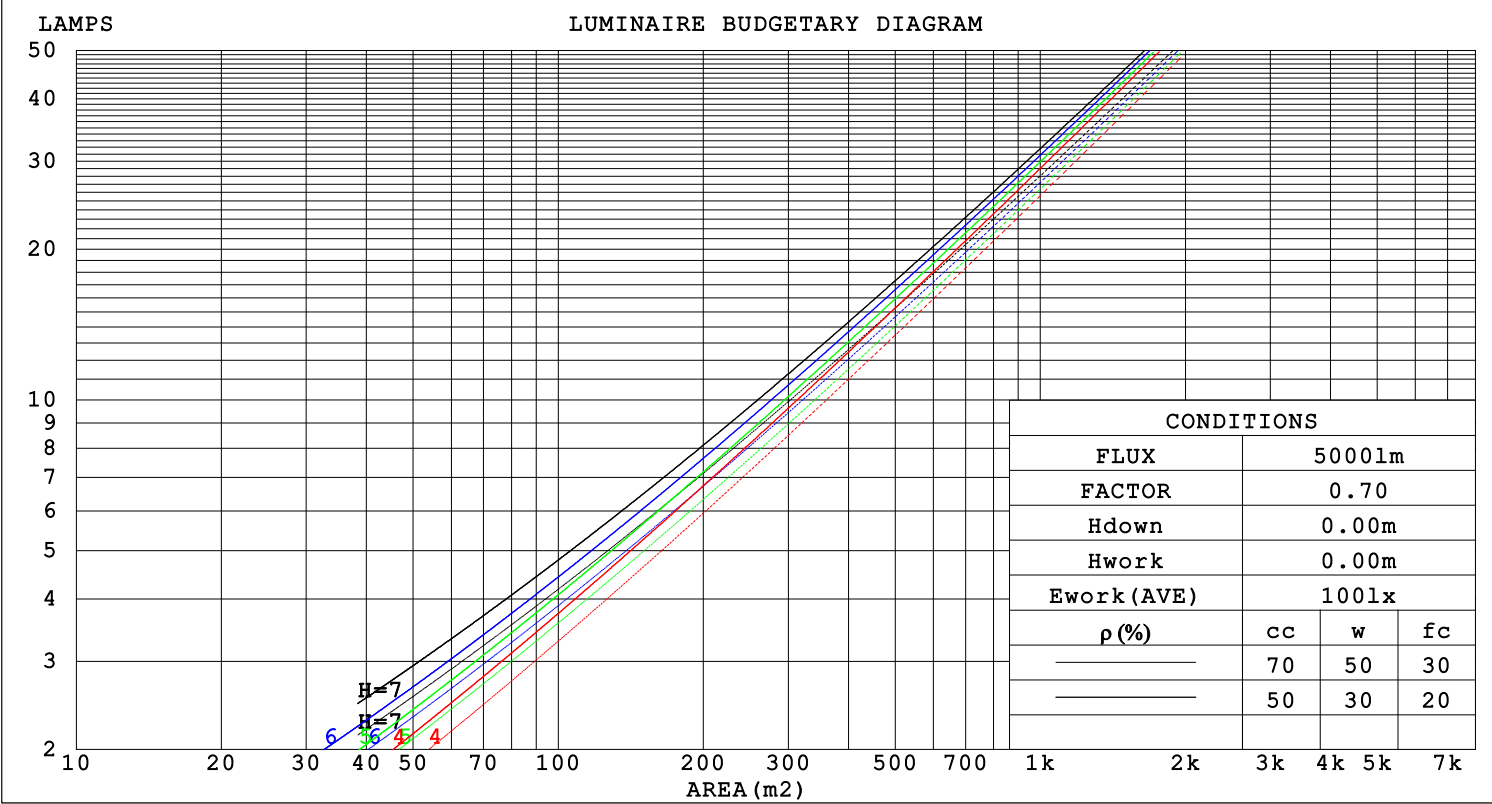
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:11.000 m
 Remarks: 3000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: XTO CULTIVATOR								TYPE: 3000K 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	.73	.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	.57	.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)
Humidity:65.0%
Test Distance:11.000 m
Remarks: 3000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: XTO CULTIVATOR							TYPE: 3000K 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	.197	.112	.035	.190	.108	.034	.177	.102	.032	.165	.095	.031	.155	.090	.029	
2.0	.189	.104	.032	.184	.101	.031	.173	.096	.030	.163	.091	.029	.154	.087	.027	
3.0	.181	.096	.029	.176	.094	.028	.167	.090	.027	.158	.087	.027	.150	.083	.026	
4.0	.172	.090	.026	.168	.088	.026	.160	.085	.025	.153	.082	.025	.146	.079	.024	
5.0	.164	.084	.024	.160	.082	.024	.153	.080	.024	.147	.077	.023	.141	.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	.112	.076	.050	.077	.053	.035	.045	.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:11.000 m
Remarks: 3000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: XTO CULTIVATOR	TYPE: 3000K 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	13.6	14.7	13.8	14.8	15.0	13.2	14.2	13.4	14.4	14.6
3H	13.4	14.4	13.7	14.6	14.8	13.0	14.0	13.3	14.2	14.4
4H	13.4	14.3	13.7	14.5	14.7	12.9	13.8	13.2	14.1	14.3
6H	13.3	14.2	13.6	14.4	14.7	12.8	13.7	13.1	14.0	14.2
8H	13.3	14.1	13.6	14.4	14.7	12.8	13.6	13.1	13.9	14.2
12H	13.3	14.1	13.7	14.4	14.7	12.8	13.6	13.1	13.8	14.1
4H 2H	13.4	14.3	13.6	14.5	14.7	12.9	13.9	13.2	14.1	14.3
3H	13.2	14.0	13.5	14.3	14.6	12.8	13.6	13.1	13.9	14.1
4H	13.1	13.9	13.5	14.2	14.5	12.7	13.4	13.1	13.7	14.1
6H	13.1	13.7	13.5	14.1	14.4	12.7	13.3	13.0	13.6	14.0
8H	13.1	13.7	13.5	14.1	14.4	12.6	13.2	13.0	13.6	13.9
12H	13.2	13.7	13.6	14.1	14.5	12.6	13.2	13.0	13.5	13.9
8H 4H	13.0	13.6	13.4	13.9	14.3	12.6	13.2	13.0	13.5	13.9
6H	13.0	13.5	13.4	13.9	14.3	12.6	13.1	13.0	13.4	13.9
8H	13.0	13.4	13.5	13.9	14.3	12.6	13.0	13.0	13.4	13.9
12H	13.2	13.5	13.6	14.0	14.4	12.6	13.0	13.1	13.4	13.9
12H 4H	13.0	13.5	13.4	13.9	14.3	12.5	13.1	13.0	13.5	13.8
6H	13.0	13.4	13.4	13.8	14.2	12.5	13.0	13.0	13.4	13.8
8H	13.0	13.4	13.5	13.8	14.3	12.6	12.9	13.1	13.4	13.9

Variations with the observer position at spacings:

S = 1.0H	+ 2.7 / - 7.5	+ 2.9 / - 7.9
1.5H	+ 3.8 / - 8.0	+ 4.5 / - 4.2
2.0H	+ 6.5 / - 7.2	+ 5.2 / - 6.6

CIE Pub.117 Corrected 2844 lm Total Lamp Luminous Flux. (8log(F/F0) = 3.6)

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

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 11.000 m
Remarks: 3000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: XTO CULTIVATOR	TYPE: 3000K 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	78	72	67	63
0.80	89	81	77	88	81	77	87	80	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	101	96	93	99	95	92	87
2.00	106	102	98	105	100	97	102	98	96	90
2.50	108	104	100	107	103	100	103	100	98	91
3.00	110	106	103	108	105	102	105	102	100	93
4.00	112	109	107	110	108	105	107	104	102	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		

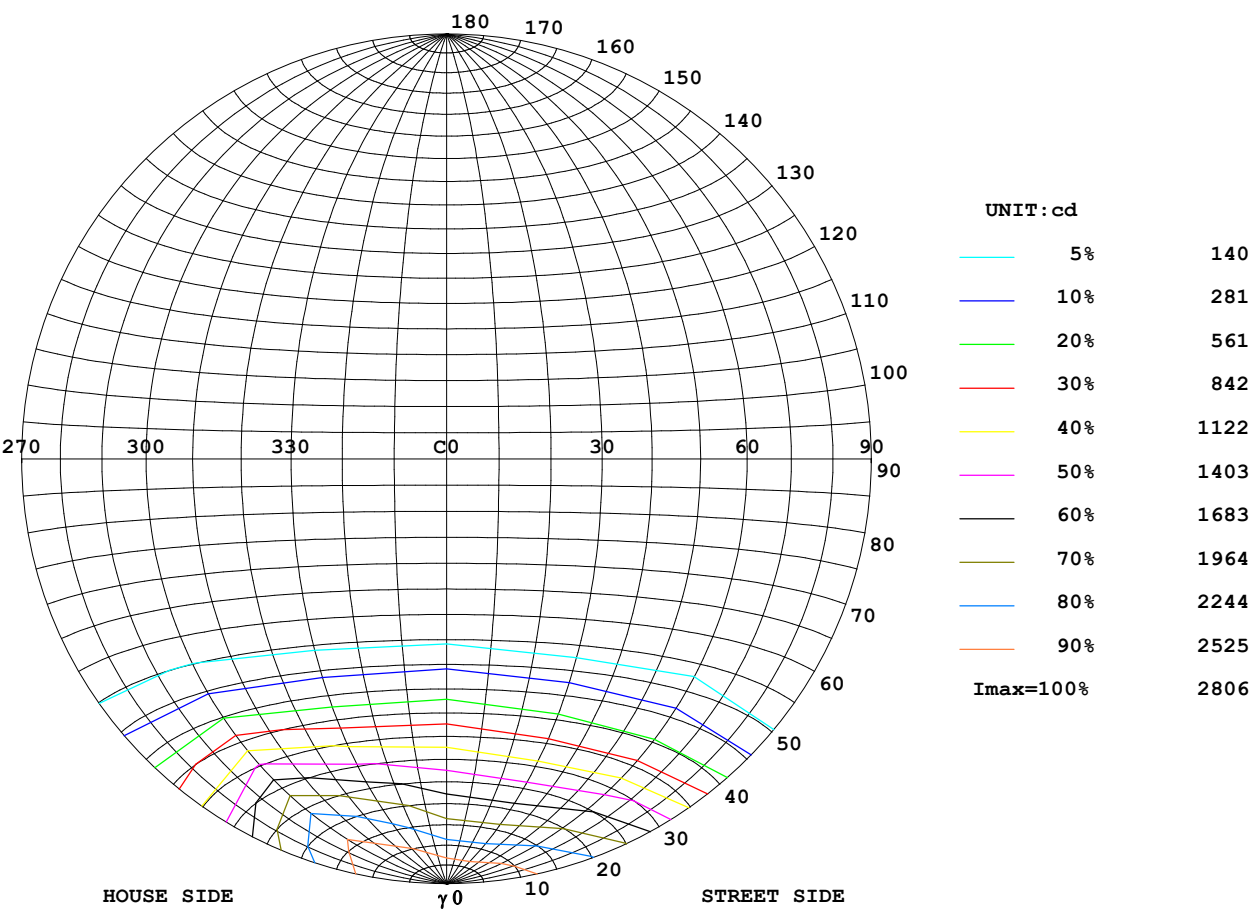
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 05-26-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 11.000 m
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 3000K 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:11.000 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-600 MA	DIMENSION: 1200*55*77 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 28.04 lx



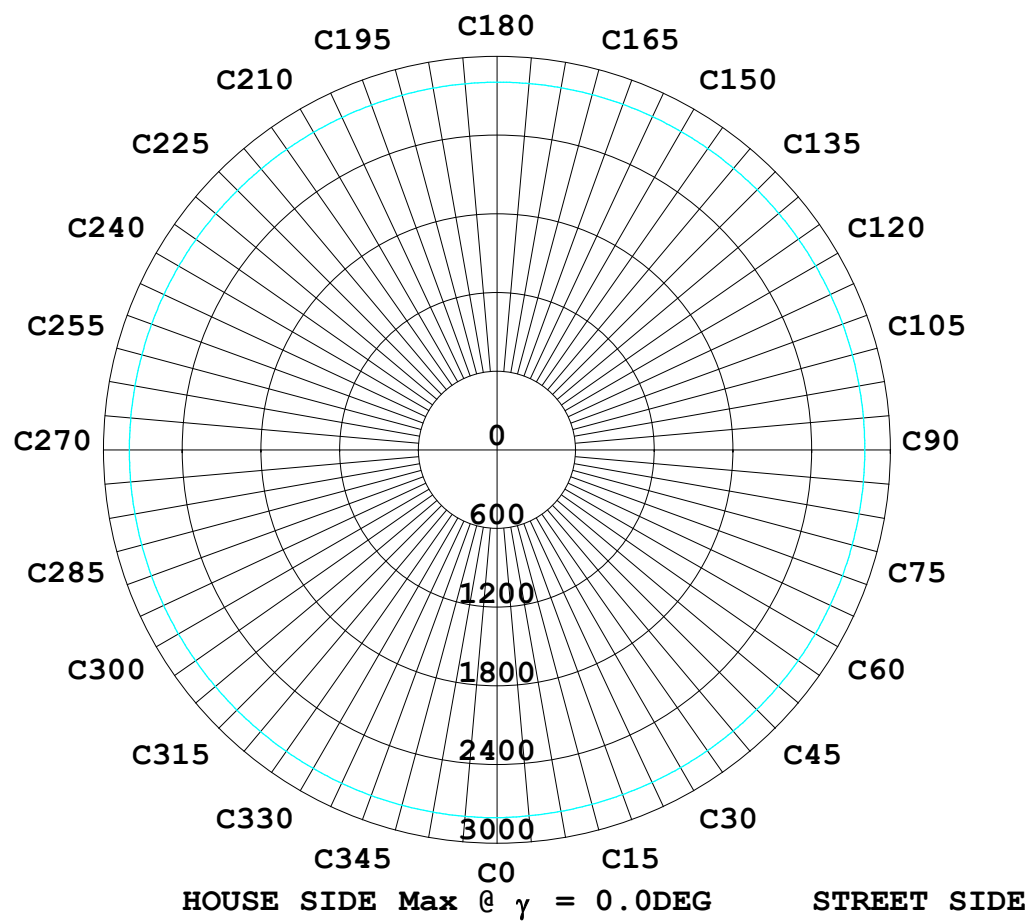
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 3000K 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:11.000 m
Remarks: 3000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 3000K 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	2804	2797	2803	2804	2806	2805	2804	2797	2803	2804	2806	2805
5.0	2630	2617	2679	2718	2729	2704	2741	2762	2773	2773	2725	2689
10.0	2325	2326	2480	2595	2570	2439	2468	2531	2626	2678	2533	2406
15.0	2035	2035	2232	2443	2370	2135	2144	2217	2407	2573	2312	2098
20.0	1791	1767	1952	2259	2114	1835	1880	1926	2142	2433	2087	1820
25.0	1543	1486	1647	1968	1798	1543	1626	1659	1834	2184	1787	1552
30.0	1270	1191	1292	1581	1424	1257	1358	1381	1490	1839	1436	1278
35.0	990	897	914	1104	1027	972	1094	1106	1134	1423	1072	1009
40.0	711	619	589	659	670	695	810	832	769	949	715	730
45.0	446	372	334	307	355	439	536	567	460	546	421	473
50.0	242	197	181	145	208	246	305	341	253	250	227	271
55.0	118	86.6	105	80.5	121	120	153	181	136	141	119	138
60.0	34.3	25.1	55.6	22.0	65.5	45.1	52.0	81.6	73.0	75.0	61.7	58.0
65.0	16.6	6.53	19.7	4.11	22.5	10.6	9.07	28.7	30.8	23.8	19.9	22.5
70.0	13.7	4.35	13.0	3.50	13.1	4.23	6.41	15.2	6.05	14.0	3.75	13.4
75.0	12.1	4.35	11.1	3.38	11.2	3.99	6.05	11.9	3.14	11.3	3.02	11.1
80.0	11.0	4.84	10.2	3.63	10.0	3.99	5.68	10.0	2.66	9.55	2.66	9.31
85.0	10.7	5.68	10.1	4.35	9.43	4.47	5.80	8.47	2.54	8.34	2.54	7.98
90.0	10.6	7.38	10.2	6.17	9.43	6.05	7.38	7.13	3.14	7.13	3.14	6.77

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:11.000 m
Remarks: 3000K