

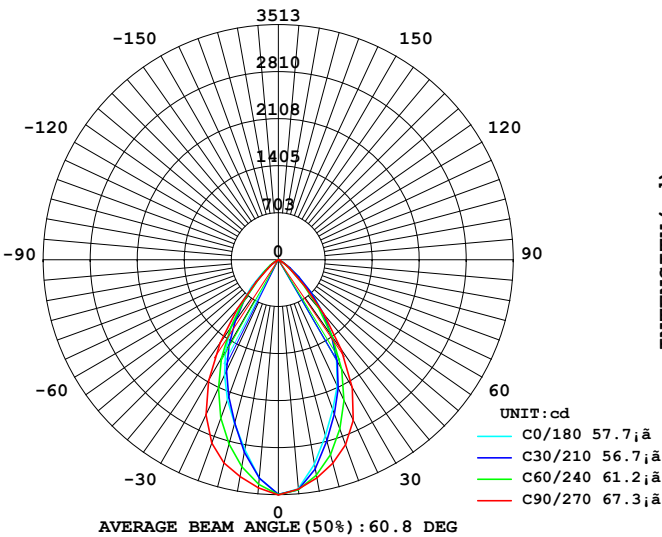
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

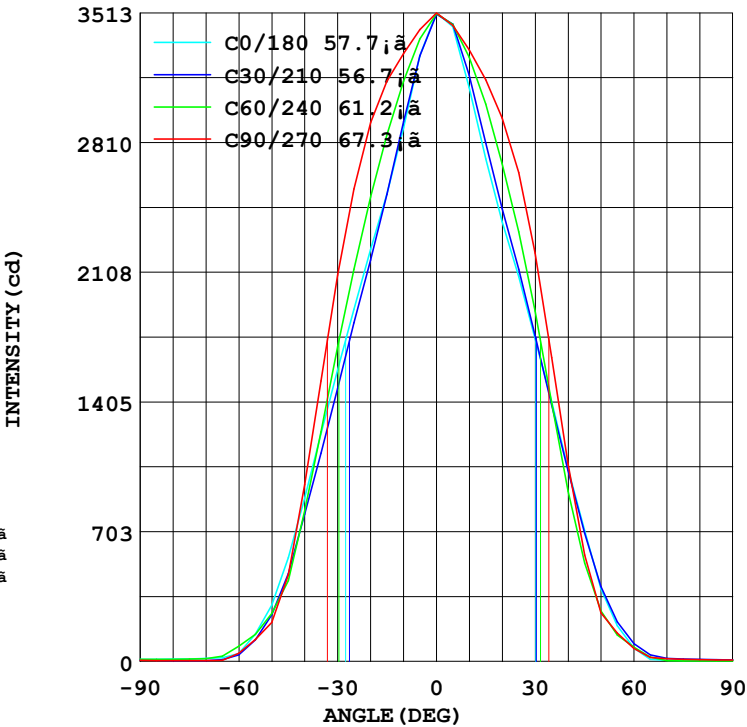
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*66*83 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	3514	S/MH (C0/180)	0.77
MODEL	XTO 40	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.98
NOMINAL POWER (W)	28	TOTAL FLUX (lm)	3573.3	Voltage (V)	219.8
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	126.3	Current (A)	0.120
NOMINAL FLUX (lm)	3573.3	η up (%)	0.0	Power (W)	28.29
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.984
TEST VOLTAGE (V)	219.9	Effictive Flux (lm)	3354.4	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:12.300 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*66*83 MM	SERIAL No.:

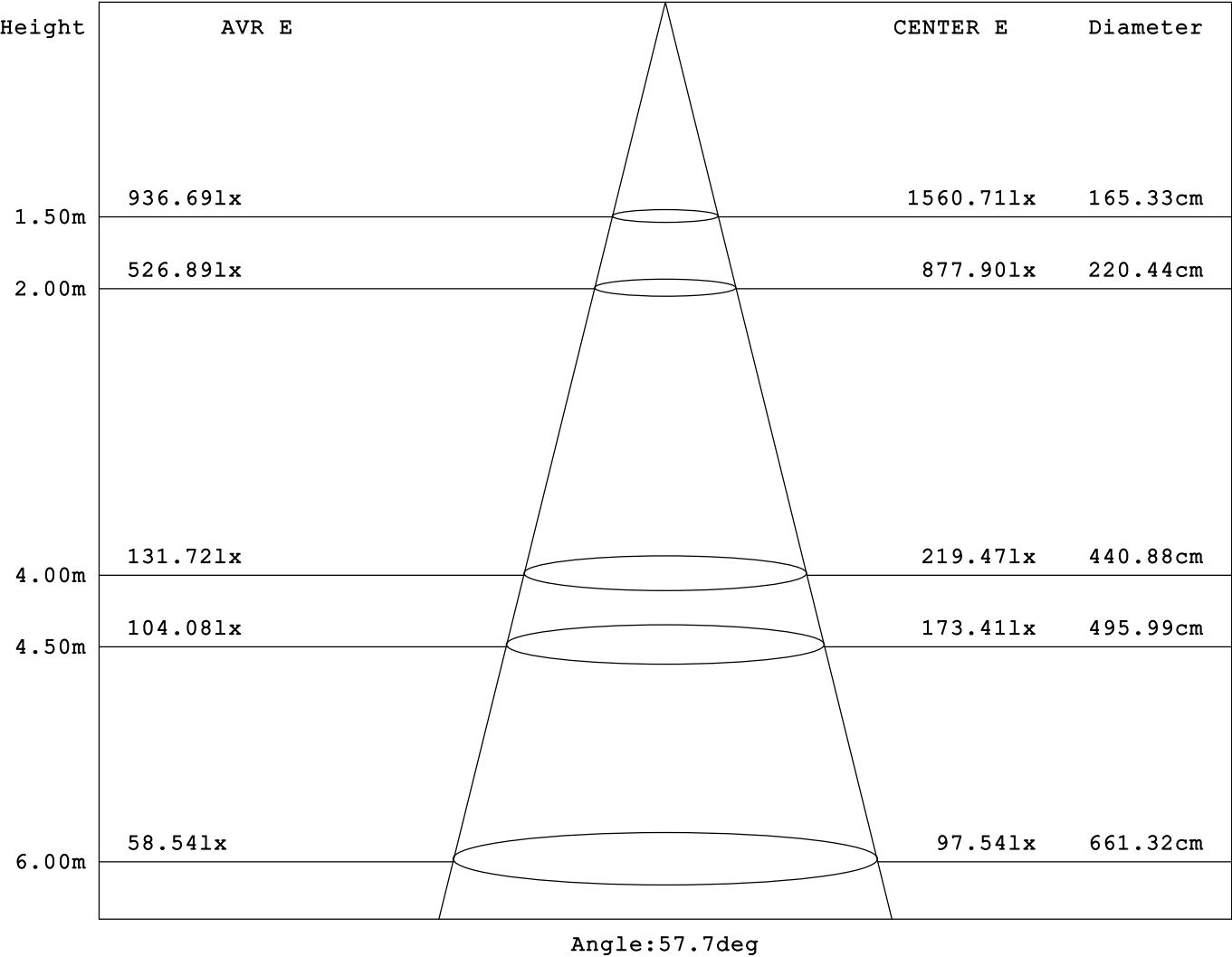
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:12.300 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: XTO CULTIVATOR	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*66*83 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:12.300 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*66*83 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	2890	3032	3292	3157	3109	3225	3313	3051	0- 10	315.7	315.7
20.0	2231	2345	2917	2502	2381	2574	2943	2381	10- 20	791.9	1108
30.0	1580	1592	2093	1741	1748	1832	2211	1632	20- 30	986.5	2094
40.0	883.8	806.9	957.6	933.7	1044	977.8	1070	844.1	30- 40	835.3	2930
50.0	304.2	256.4	210.2	321.1	391.9	338.4	262.7	283.3	40- 50	448.0	3378
60.0	41.60	58.77	43.42	79.42	71.10	86.61	70.34	63.76	50- 60	149.6	3527
70.0	15.73	9.985	3.782	10.66	6.808	10.43	14.82	8.850	60- 70	29.18	3556
80.0	12.40	8.320	3.933	7.942	6.051	6.429	9.985	6.051	70- 80	9.048	3565
90.0	11.64	9.531	6.505	8.320	8.169	5.143	7.261	4.916	80- 90	7.912	3573
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:12.300 m
Remarks: 5700K

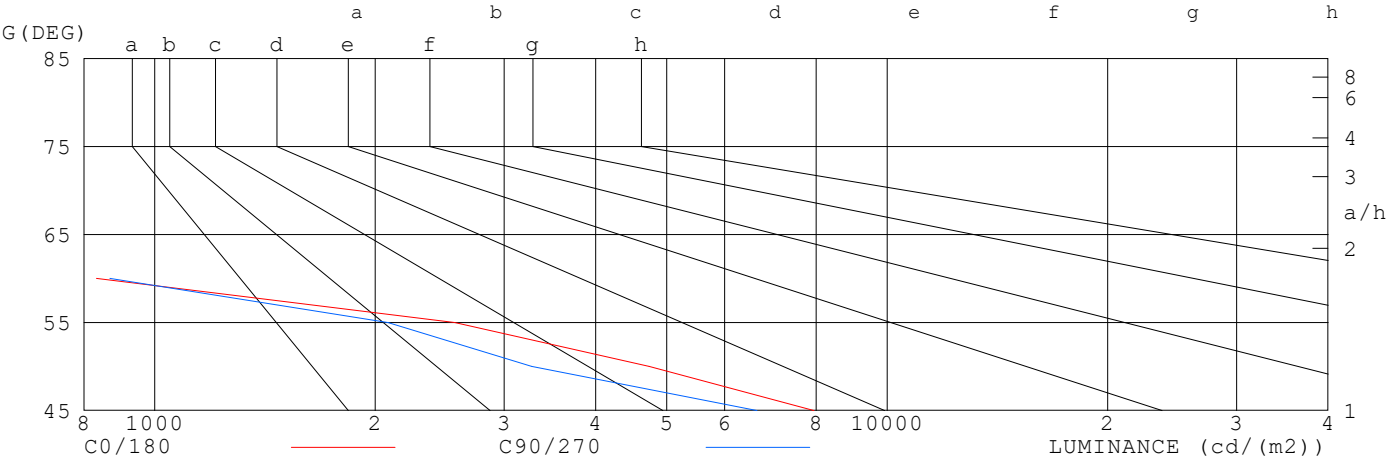
LUMINANCE LIMITATION CURVES

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*66*83 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	1371	521
80	714	227
75	520	134
70	460	111
65	462	161
60	832	868
55	2569	2081
50	4733	3272
45	7944	6639

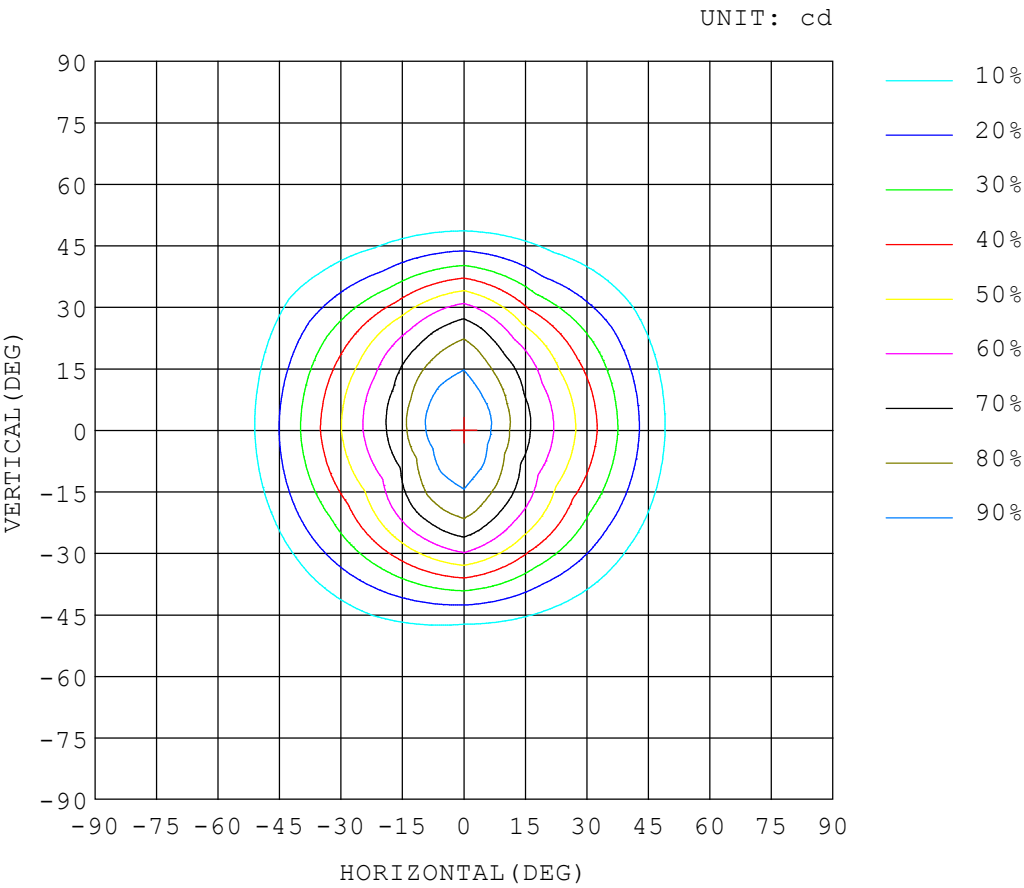
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:12.300 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*66*83 MM	SERIAL No.:



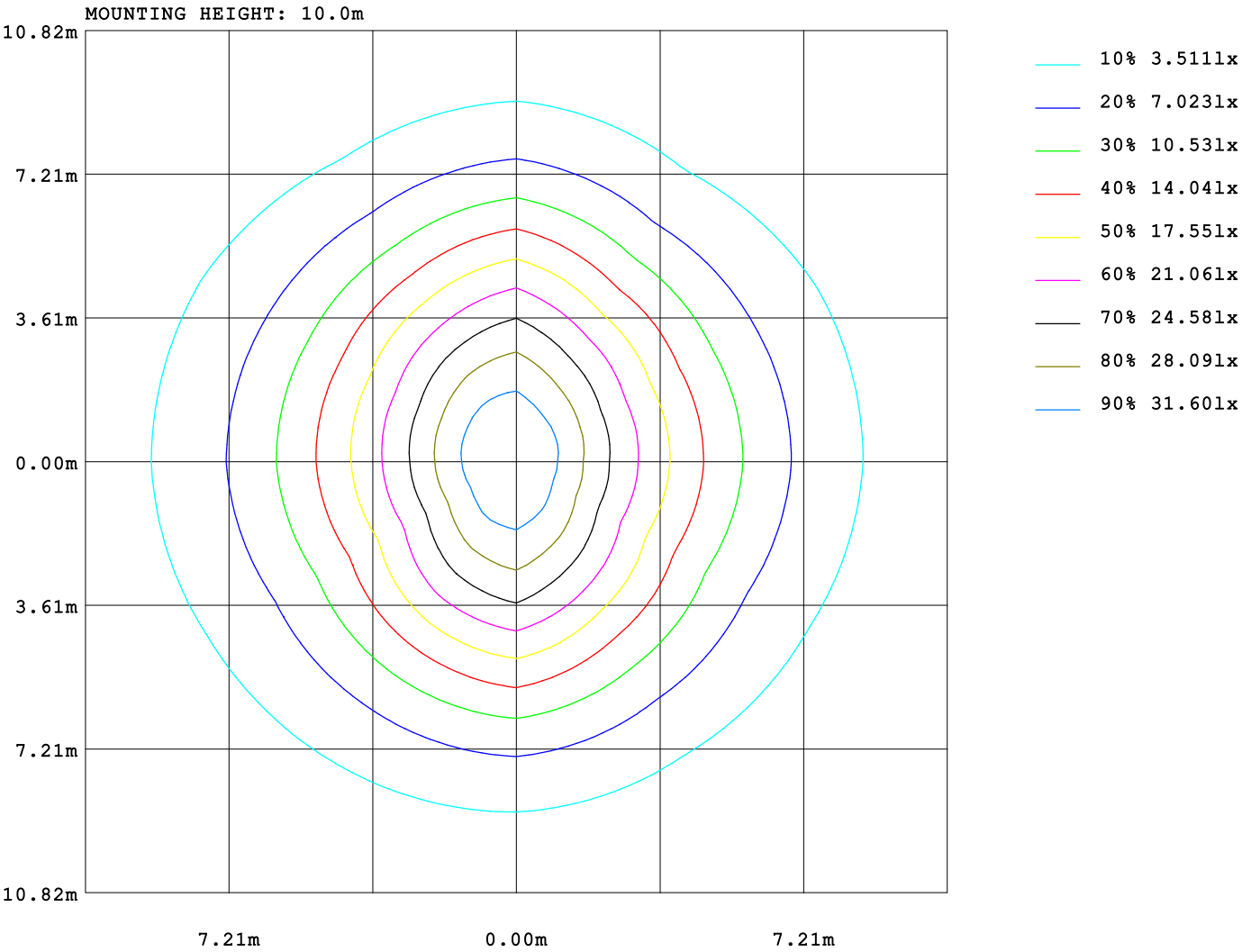
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:12.300 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*66*83 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:12.300 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*66*83 MM					SERIAL No.:				

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.02	0.06	0.10	0.13	0.12	0.09	0.09	0.16	0.23	0.23	0.16	0.09	0.08	0.11	0.12	0.11	0.07	0.03				
90																			1.99	0.00		
80	0.02	0.06	0.11	0.16	0.15	0.11	0.11	0.21	0.32	0.32	0.21	0.11	0.10	0.14	0.15	0.12	0.08	0.03	2.49	0.00		
70	0.02	0.06	0.12	0.20	0.23	0.28	0.46	0.77	0.95	0.92	0.69	0.38	0.22	0.19	0.18	0.14	0.08	0.03	5.93	0.00		
60	0.02	0.06	0.14	0.30	0.68	1.58	2.69	3.90	4.71	4.62	3.67	2.39	1.22	0.48	0.25	0.15	0.09	0.03	27.0	0.00		
50	0.02	0.06	0.16	0.58	2.19	5.01	8.53	13.3	17.7	17.2	12.2	7.48	4.11	1.55	0.42	0.18	0.09	0.03	90.9	58.2		
40	0.02	0.06	0.19	1.24	5.12	12.2	22.2	34.5	46.3	44.9	31.1	19.1	10.1	3.90	0.84	0.21	0.10	0.03	232	218		
30	0.02	0.06	0.24	2.21	9.03	22.0	38.9	57.8	74.2	71.8	52.3	34.3	18.7	7.16	1.56	0.25	0.10	0.03	391	381		
	0.02	0.06	0.32	3.17	12.7	29.9	50.8	72.8	90.8	87.6	66.9	45.4	26.0	10.3	2.34	0.30	0.11	0.03	500	492		
	0.02	0.05	0.35	3.74	15.1	34.3	56.6	79.6	100	96.7	73.8	51.6	30.1	12.2	2.82	0.32	0.11	0.03	558	551		
	0.02	0.05	0.33	3.63	14.8	33.6	55.1	77.4	99.2	96.1	72.7	50.8	29.5	11.9	2.73	0.31	0.11	0.03	549	541		
	0.02	0.05	0.26	2.88	12.2	28.1	47.4	70.3	90.2	87.5	65.8	43.4	24.4	9.46	2.11	0.26	0.10	0.03	485	477		
	0.02	0.05	0.16	1.82	8.03	20.5	36.8	56.4	72.3	70.3	52.0	32.9	16.7	6.04	1.26	0.19	0.09	0.03	376	365		
-30	0.02	0.04	0.10	0.86	4.08	11.5	22.1	33.9	43.6	42.4	30.7	18.3	8.79	3.02	0.56	0.14	0.08	0.03	221	206		
-40	0.02	0.04	0.07	0.29	1.67	4.74	9.21	13.3	15.8	15.0	11.3	7.39	3.75	1.15	0.21	0.11	0.08	0.03	84.4	51.4		
-50	0.02	0.04	0.06	0.11	0.50	1.63	3.16	3.97	4.01	3.84	3.55	2.67	1.26	0.36	0.11	0.09	0.07	0.03	25.5	0.00		
-60	0.02	0.04	0.06	0.09	0.20	0.44	0.76	0.80	0.62	0.57	0.68	0.62	0.37	0.19	0.10	0.09	0.07	0.03	5.74	0.00		
-70	0.02	0.05	0.06	0.10	0.17	0.27	0.32	0.25	0.16	0.16	0.25	0.31	0.27	0.18	0.11	0.09	0.07	0.03	2.84	0.00		
-80	0.02	0.05	0.07	0.11	0.17	0.24	0.27	0.23	0.18	0.18	0.24	0.28	0.26	0.19	0.13	0.10	0.07	0.03	2.82	0.00		
-90																						
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)					20	30	40	50	60	70	80	90	
Φ t	0.32	0.95	2.91	21.6	87.3	207	356	520	662	641	479	318	176	68.7	16.0	3.15	1.57	0.54	3573			
Φ a	0.00	0.00	0.00	1.06	66.6	189	339	504	647	626	462	300	158	45.2	0.00	0.00	0.00	0.00		3354		

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

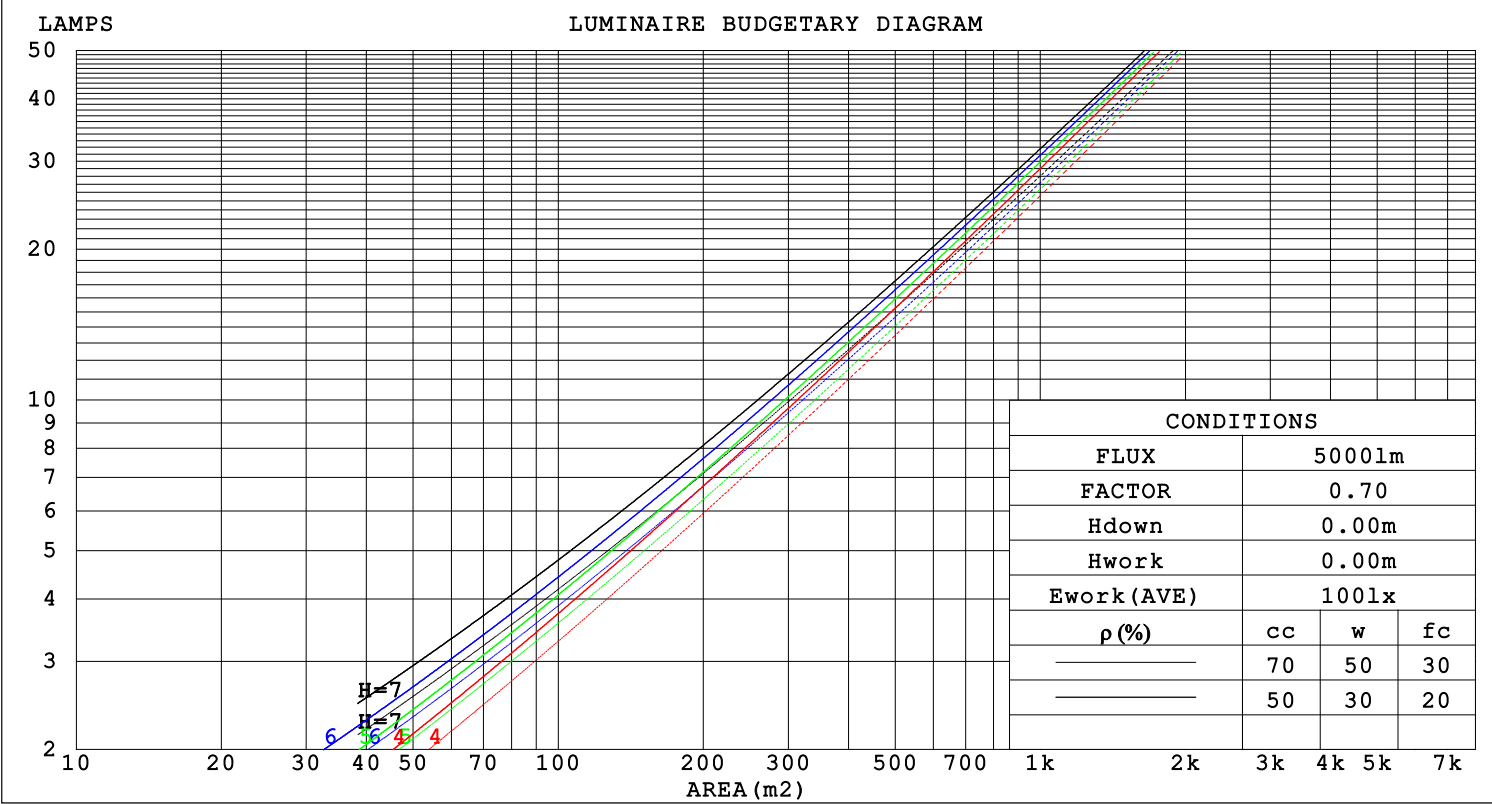
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:12.300 m
Remarks: 5700K

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*66*83 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	.53	.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:12.300 m
Remarks: 5700K

WEC AND CCEC

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*66*83 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	.031	.154	.089	.029	
2.0	.189	.104	.032	.183	.101	.031	.173	.096	.030	.163	.091	.029	.153	.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	.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	.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:12.300 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*66*83 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	14.5	15.6	14.7	15.7	15.9	14.7	15.7	14.9	15.9	16.1
	3H	14.3	15.3	14.6	15.5	15.7	14.5	15.5	14.8	15.7	15.9
	4H	14.2	15.2	14.5	15.4	15.6	14.4	15.3	14.7	15.6	15.8
	6H	14.2	15.0	14.5	15.3	15.5	14.3	15.2	14.6	15.4	15.7
	8H	14.2	15.0	14.5	15.3	15.5	14.3	15.1	14.6	15.4	15.6
	12H	14.2	15.0	14.5	15.2	15.5	14.2	15.0	14.6	15.3	15.6
4H	2H	14.3	15.2	14.5	15.4	15.6	14.4	15.4	14.7	15.6	15.8
	3H	14.1	14.9	14.4	15.2	15.4	14.3	15.1	14.6	15.3	15.6
	4H	14.0	14.7	14.4	15.0	15.4	14.2	14.9	14.5	15.2	15.5
	6H	14.0	14.6	14.4	14.9	15.3	14.1	14.7	14.5	15.1	15.4
	8H	14.0	14.6	14.4	14.9	15.3	14.1	14.7	14.5	15.0	15.4
	12H	14.0	14.6	14.4	14.9	15.3	14.1	14.6	14.5	15.0	15.4
8H	4H	13.9	14.5	14.3	14.8	15.2	14.1	14.6	14.5	15.0	15.4
	6H	13.9	14.3	14.3	14.7	15.1	14.0	14.5	14.4	14.9	15.3
	8H	13.9	14.3	14.3	14.7	15.1	14.0	14.4	14.5	14.8	15.3
	12H	14.0	14.3	14.4	14.8	15.2	14.0	14.4	14.5	14.8	15.3
12H	4H	13.9	14.4	14.3	14.8	15.1	14.0	14.5	14.4	14.9	15.3
	6H	13.8	14.2	14.3	14.7	15.1	14.0	14.4	14.4	14.8	15.3
	8H	13.8	14.2	14.3	14.6	15.1	14.0	14.3	14.4	14.8	15.3
Variations with the observer position at spacings:											
S = 1.0H		+ 2.6 / - 8.2					+ 3.1 / - 8.0				
1.5H		+ 3.7 / - 7.9					+ 4.7 / - 4.2				
2.0H		+ 6.5 / - 8.0					+ 5.7 / - 8.2				

CIE Pub.117 Corrected 3573 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:12.300 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*66*83 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	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	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	112	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		

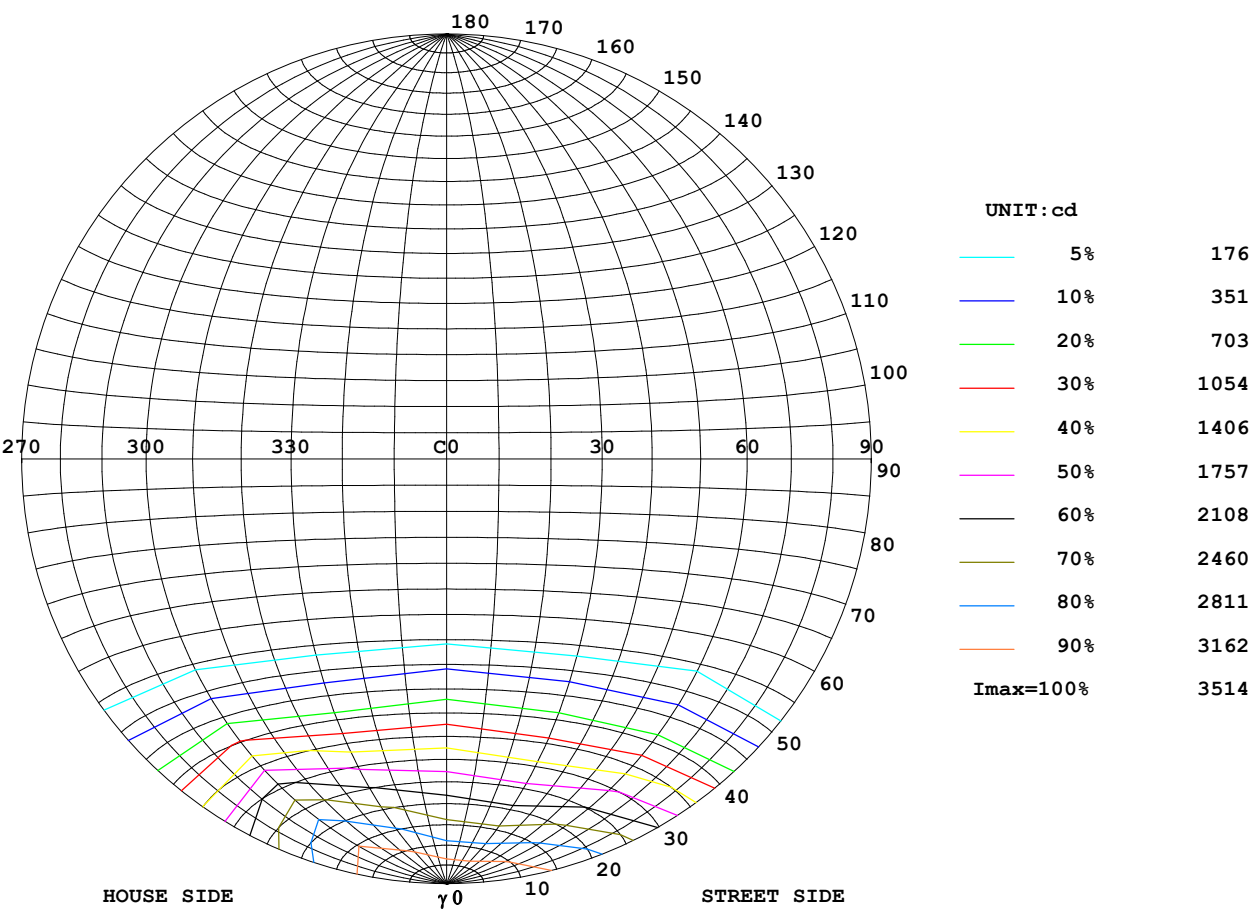
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:12.300 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*66*83 MM	SERIAL No.:



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

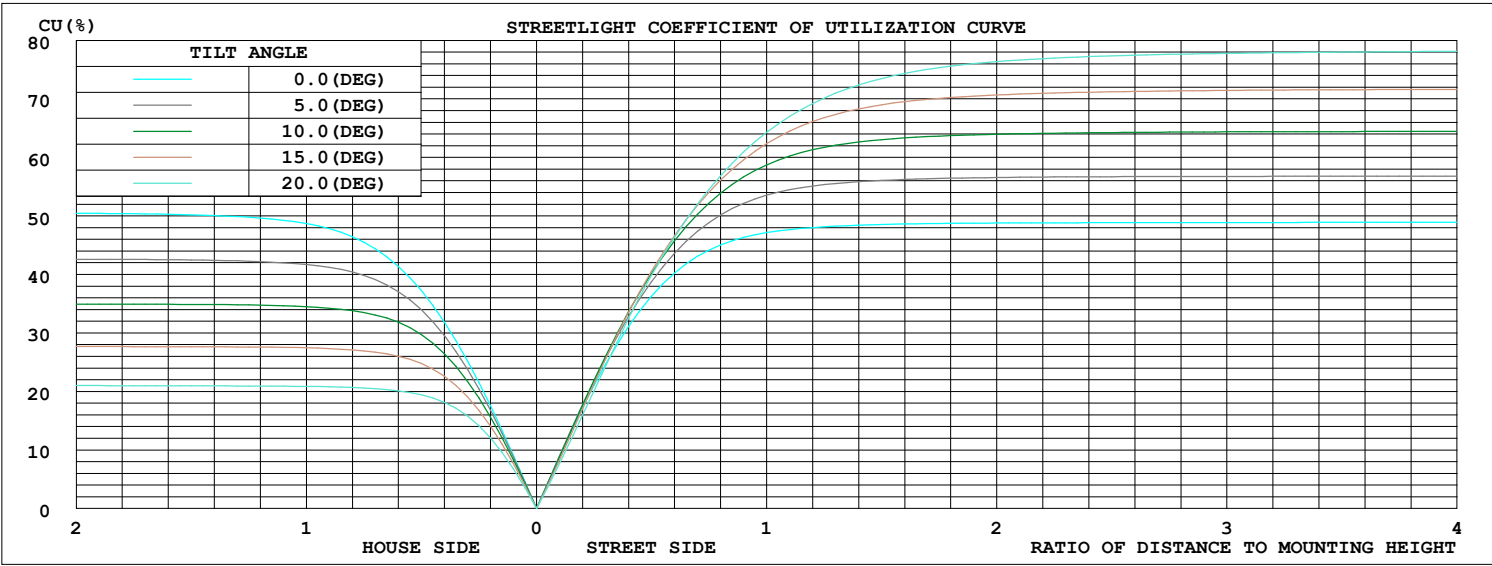
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:12.300 m
Remarks: 5700K

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*66*83 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 35.12 lx



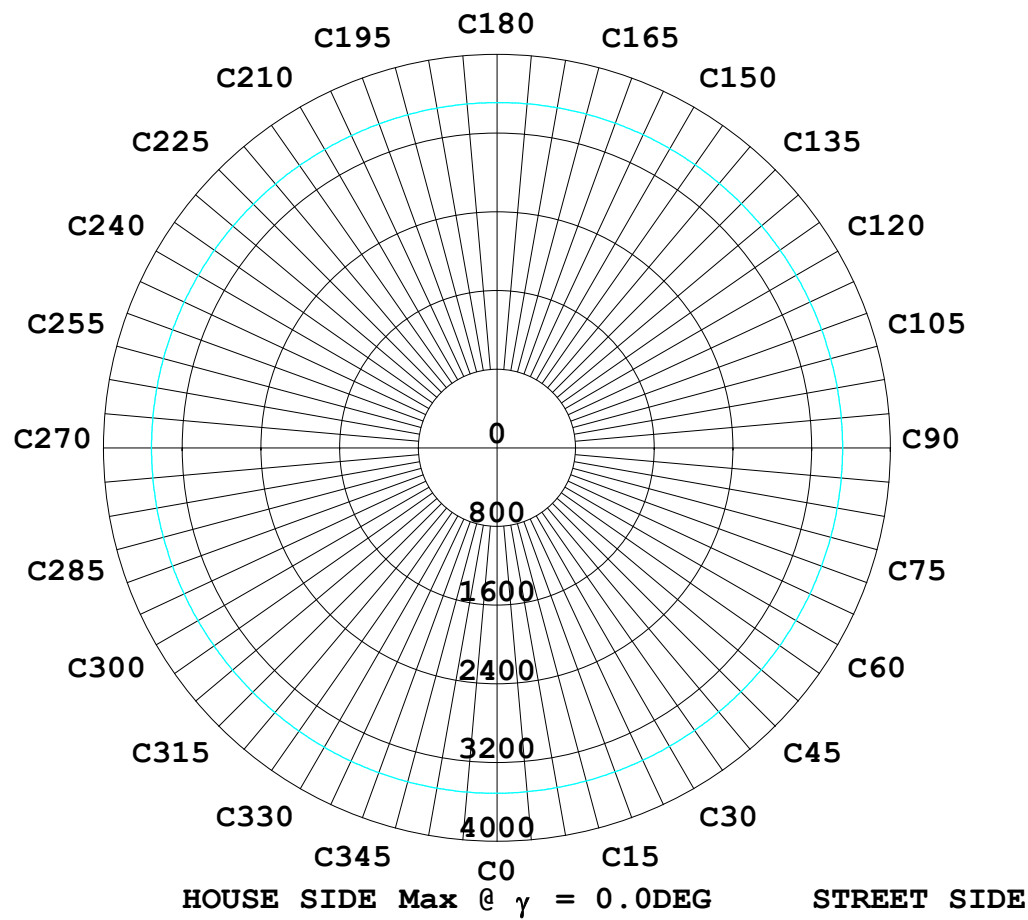
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:12.300 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*66*83 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:12.300 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*66*83 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	3512	3504	3509	3513	3512	3514	3512	3504	3509	3513	3512	3514
5.0	3281	3280	3372	3422	3436	3406	3438	3451	3450	3444	3374	3336
10.0	2890	2922	3142	3292	3238	3076	3109	3176	3273	3313	3123	2979
15.0	2531	2529	2852	3142	2991	2681	2722	2807	3017	3150	2839	2596
20.0	2231	2174	2515	2917	2699	2304	2381	2453	2695	2943	2510	2252
25.0	1906	1835	2124	2558	2301	1973	2084	2123	2327	2648	2123	1913
30.0	1580	1479	1705	2093	1859	1623	1748	1766	1898	2211	1695	1569
35.0	1233	1127	1243	1519	1386	1273	1406	1387	1400	1646	1234	1223
40.0	884	798	816	958	934	934	1044	1033	922	1070	800	888
45.0	562	475	437	469	579	659	708	694	532	576	460	570
50.0	304	253	260	210	311	331	392	404	273	263	247	320
55.0	147	118	147	119	171	162	193	214	143	153	131	160
60.0	41.6	36.0	81.5	43.4	96.3	62.4	71.1	95.9	77.3	70.3	66.8	60.6
65.0	19.5	9.07	29.1	6.80	39.4	14.3	10.5	34.7	23.6	22.2	17.7	22.8
70.0	15.7	4.84	15.1	3.78	16.1	5.14	6.80	16.9	3.93	14.8	3.32	14.3
75.0	13.4	4.68	12.7	3.47	13.1	4.23	6.35	12.8	2.87	11.9	2.57	11.6
80.0	12.4	5.14	11.4	3.93	11.4	4.38	6.05	10.4	2.42	9.98	2.26	9.83
85.0	11.9	5.74	11.1	4.53	10.5	4.68	5.90	8.92	2.11	8.47	2.11	8.16
90.0	11.6	7.71	11.3	6.50	10.4	6.20	8.16	7.41	2.87	7.26	2.87	6.95

Test System:HOPOO HPG1800
Temperature:25.3DEG
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Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:12.300 m
Remarks: 5700K