

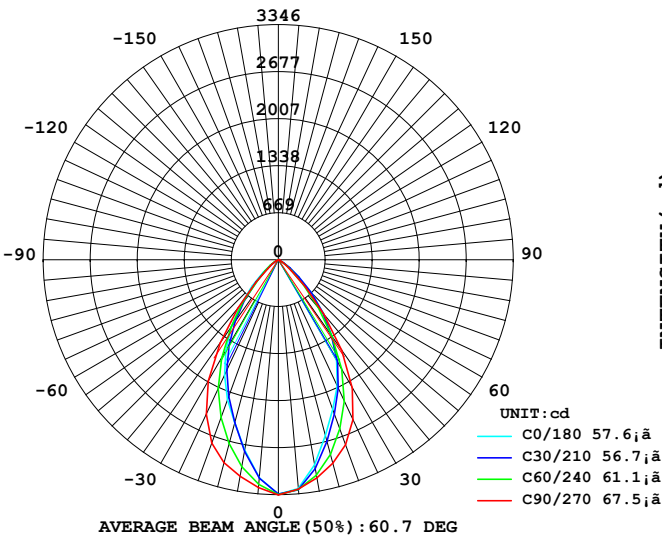
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

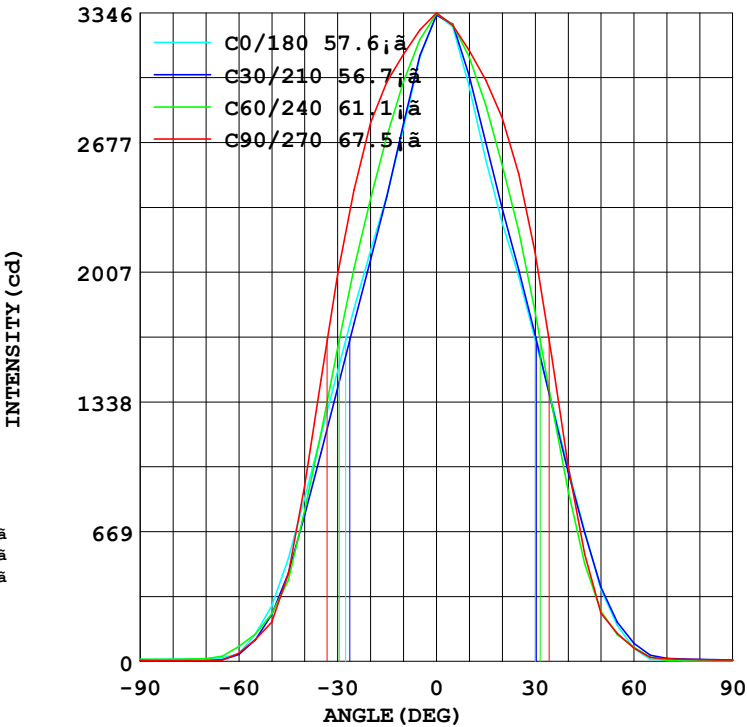
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*48*77 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	3346	S/MH (C0/180)	0.77
MODEL	XTO 25	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.98
NOMINAL POWER (W)	28	TOTAL FLUX (lm)	3400.3	Voltage (V)	219.8
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	120.8	Current (A)	0.118
NOMINAL FLUX (lm)	3400.4	η up (%)	0.0	Power (W)	28.15
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.984
TEST VOLTAGE (V)	219.9	Effictive Flux(lm)	3181.0	EEI	0.121

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:12.000 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*48*77 MM	SERIAL No.:

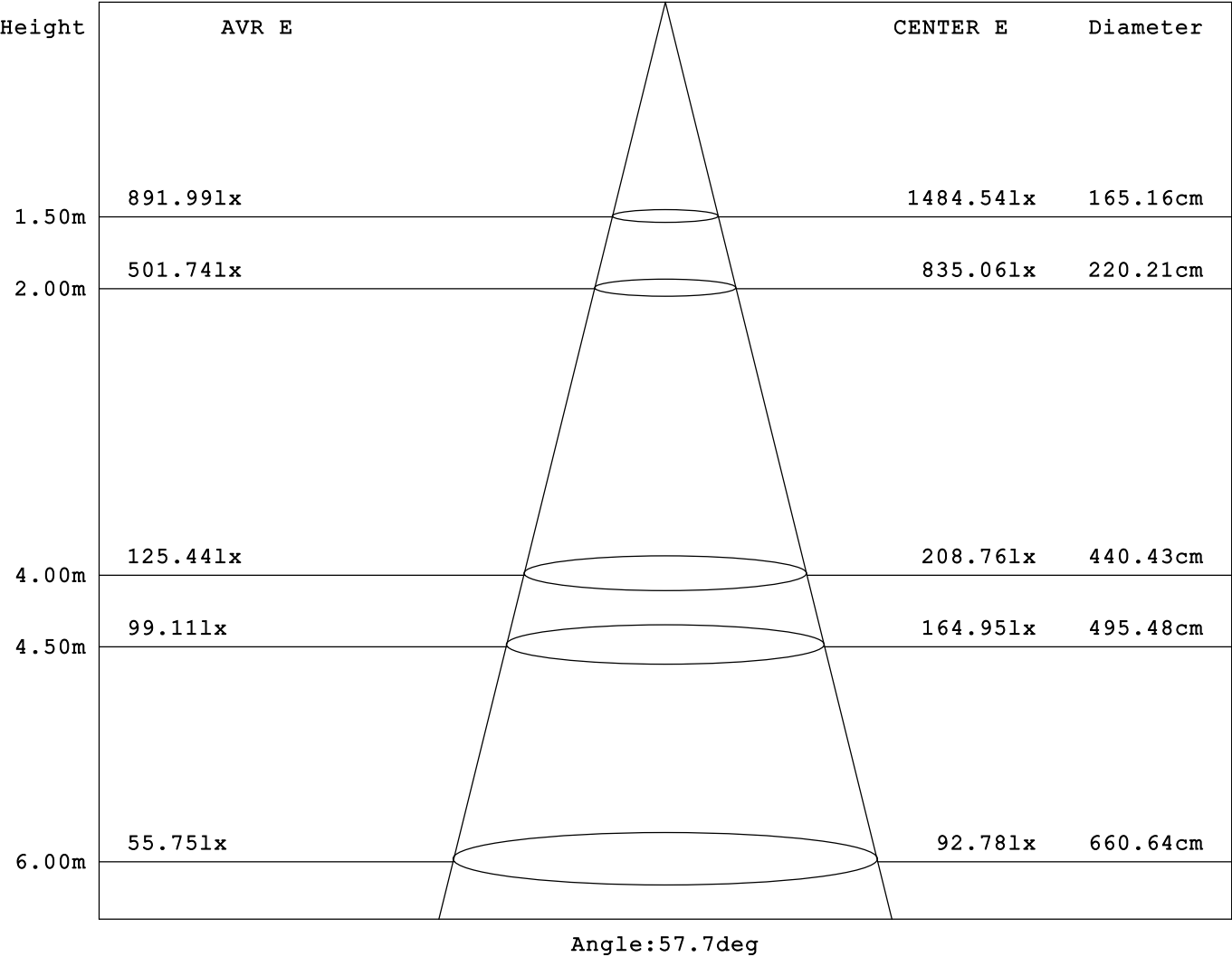
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

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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*48*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:12.000 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*48*77 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	2754	2883	3131	3005	2966	3070	3152	2904	0- 10	300.4	300.4
20.0	2119	2230	2779	2382	2265	2450	2804	2266	10- 20	753.5	1054
30.0	1498	1513	1997	1657	1661	1744	2110	1553	20- 30	938.9	1993
40.0	842.5	767.5	906.1	889.3	999.3	932.2	1012	804.0	30- 40	795.0	2788
50.0	286.5	243.7	201.7	305.7	371.0	320.3	248.4	267.5	40- 50	426.4	3214
60.0	38.73	55.72	42.19	75.67	66.67	82.72	68.11	60.84	50- 60	142.1	3357
70.0	14.68	9.504	3.744	10.00	6.192	9.792	14.11	8.568	60- 70	27.69	3384
80.0	11.66	7.776	3.456	7.488	5.616	6.192	9.360	5.688	70- 80	8.551	3393
90.0	10.94	9.072	6.336	7.992	7.776	4.896	7.056	4.608	80- 90	7.521	3400
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

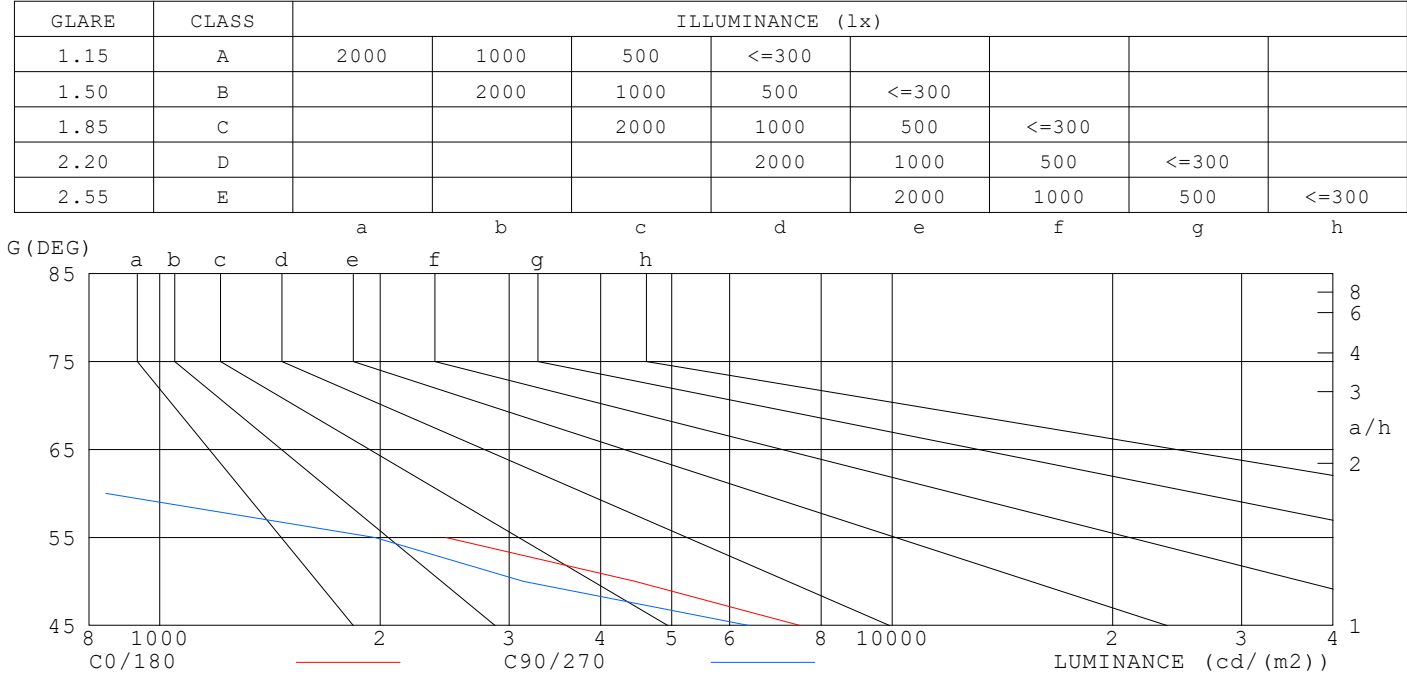
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:12.000 m
Remarks: 5700K

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*48*77 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	1289	496
80	672	199
75	495	134
70	429	109
65	436	160
60	775	844
55	2460	1968
50	4458	3139
45	7494	6380

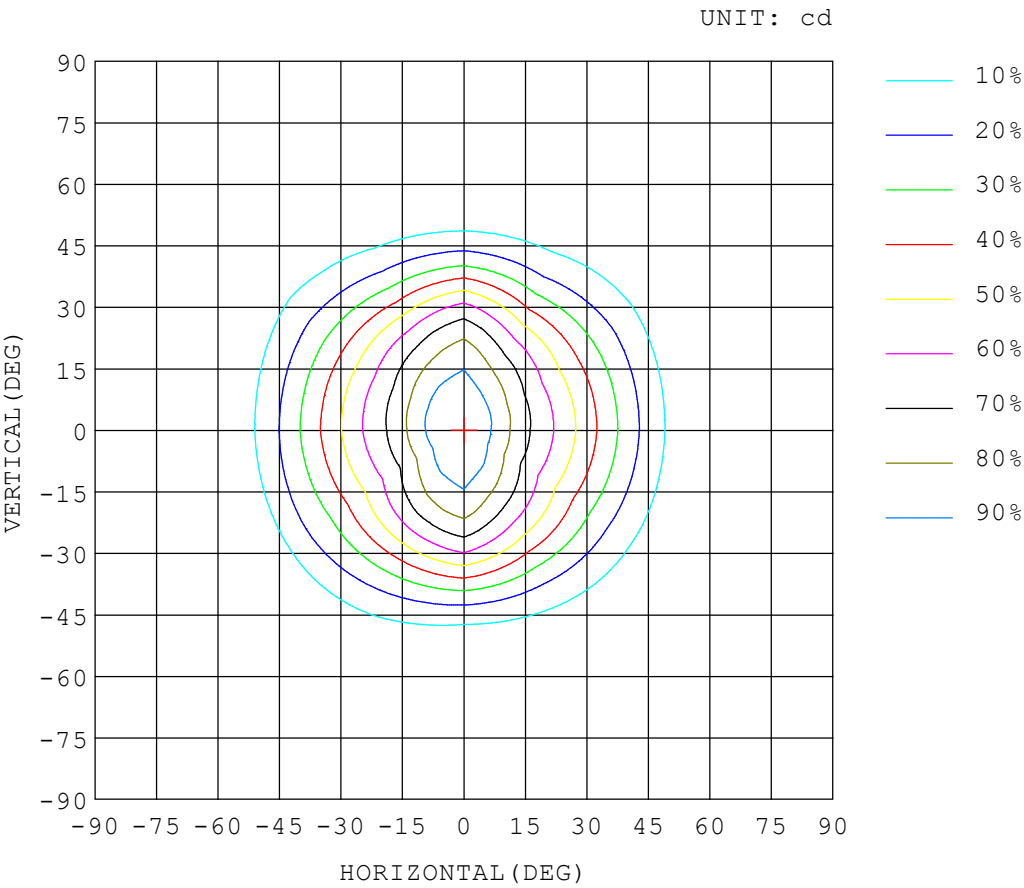
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:12.000 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*48*77 MM	SERIAL No.:



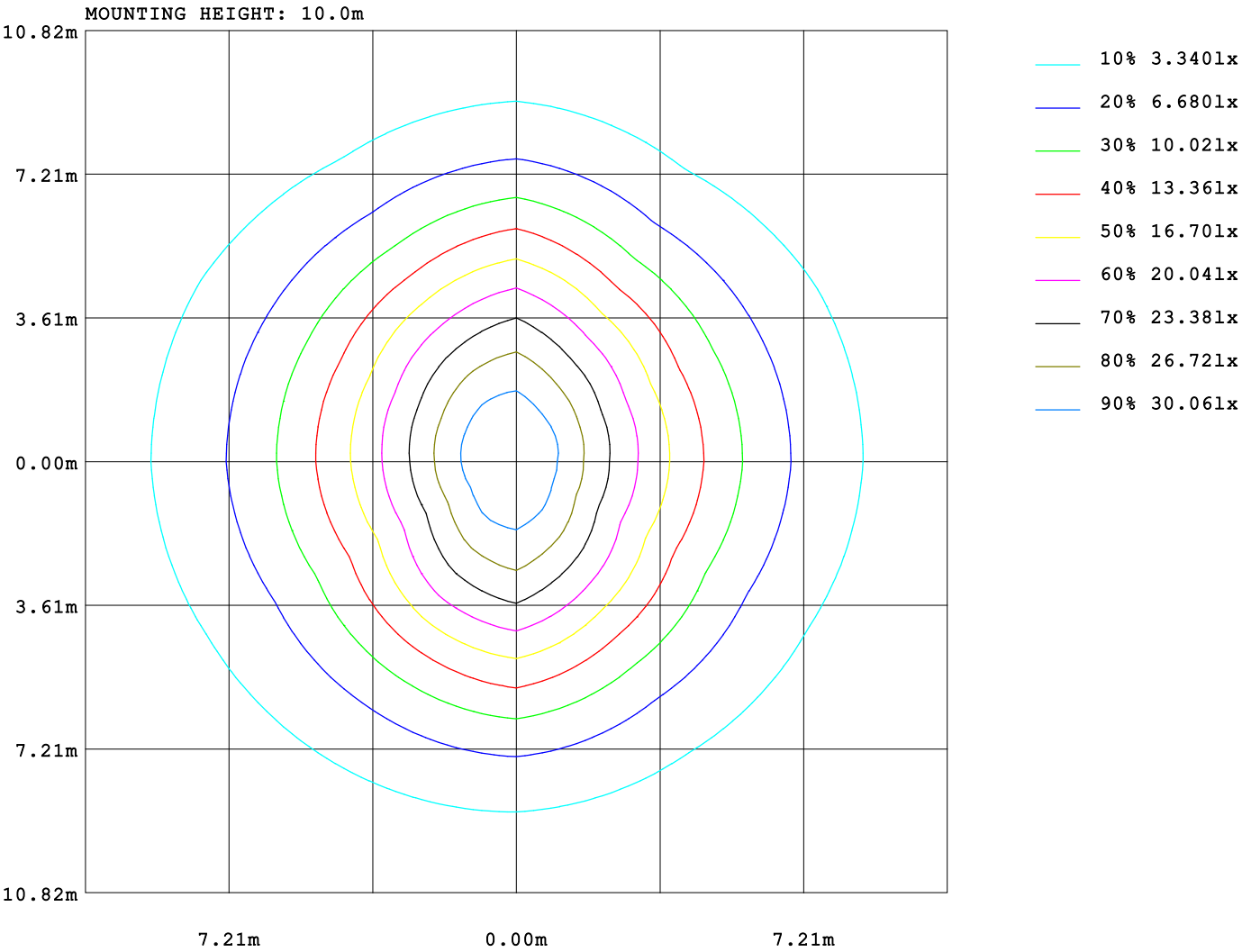
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:12.000 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*48*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:12.000 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*48*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	0.09	0.15	0.22	0.22	0.15	0.09	0.08	0.10	0.11	0.10	0.07	0.03	1.89	0.00		
90	0.02	0.06	0.11	0.15	0.14	0.10	0.11	0.20	0.30	0.30	0.20	0.10	0.10	0.13	0.14	0.11	0.07	0.03	2.36	0.00		
80	0.02	0.06	0.12	0.19	0.21	0.26	0.43	0.73	0.91	0.88	0.66	0.35	0.21	0.19	0.18	0.13	0.08	0.03	5.63	0.00		
70	0.02	0.06	0.13	0.28	0.64	1.50	2.56	3.71	4.47	4.38	3.49	2.27	1.16	0.45	0.24	0.15	0.08	0.03	25.6	0.00		
60	0.02	0.06	0.15	0.55	2.09	4.76	8.09	12.6	16.8	16.4	11.5	7.08	3.89	1.47	0.40	0.17	0.09	0.03	86.4	55.2		
50	0.02	0.06	0.18	1.18	4.86	11.6	21.1	32.8	44.1	42.8	29.6	18.2	9.62	3.69	0.80	0.20	0.09	0.03	221	207		
40	0.02	0.06	0.23	2.10	8.58	21.0	37.0	55.0	70.6	68.3	49.7	32.6	17.8	6.79	1.48	0.24	0.10	0.03	372	363		
30	0.02	0.05	0.30	3.02	12.1	28.5	48.4	69.3	86.4	83.4	63.7	43.2	24.7	9.79	2.22	0.28	0.10	0.03	476	468		
	0.02	0.05	0.33	3.56	14.3	32.6	53.9	75.8	95.6	92.0	70.3	49.0	28.6	11.6	2.67	0.30	0.10	0.03	531	524		
	0.02	0.05	0.31	3.46	14.1	32.0	52.5	73.7	94.4	91.4	69.1	48.3	28.0	11.3	2.59	0.29	0.10	0.03	522	515		
	0.02	0.04	0.24	2.74	11.6	26.8	45.2	67.0	85.8	83.2	62.6	41.3	23.2	8.98	2.00	0.24	0.09	0.03	461	453		
-30	0.02	0.04	0.15	1.73	7.67	19.5	35.0	53.6	68.8	66.8	49.4	31.2	15.9	5.76	1.20	0.18	0.09	0.03	358	348		
-40	0.02	0.04	0.09	0.83	3.89	11.0	21.0	32.2	41.5	40.4	29.1	17.5	8.40	2.87	0.54	0.13	0.08	0.03	210	196		
-50	0.02	0.04	0.07	0.28	1.59	4.50	8.73	12.7	15.1	14.3	10.8	7.02	3.56	1.09	0.20	0.10	0.07	0.03	80.4	49.1		
-60	0.02	0.04	0.06	0.10	0.48	1.55	3.00	3.78	3.82	3.66	3.38	2.54	1.19	0.34	0.10	0.09	0.07	0.03	24.2	0.00		
-70	0.02	0.04	0.06	0.09	0.18	0.41	0.72	0.76	0.60	0.55	0.64	0.59	0.35	0.18	0.09	0.08	0.07	0.03	5.45	0.00		
-80	0.02	0.04	0.06	0.09	0.16	0.25	0.30	0.24	0.15	0.15	0.23	0.29	0.25	0.17	0.10	0.08	0.07	0.03	2.69	0.00		
-90	0.02	0.05	0.07	0.11	0.16	0.23	0.26	0.22	0.17	0.17	0.23	0.27	0.25	0.18	0.12	0.09	0.07	0.03	2.69	0.00		
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90					
Φ t	0.30	0.90	2.74	20.6	83.1	197	339	495	630	610	455	302	168	65.1	15.1	2.97	1.48	0.51	3400			
Φ a	0.00	0.00	0.00	1.00	63.4	180	323	480	616	596	440	286	150	42.8	0.00	0.00	0.00	0.00			3181	

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

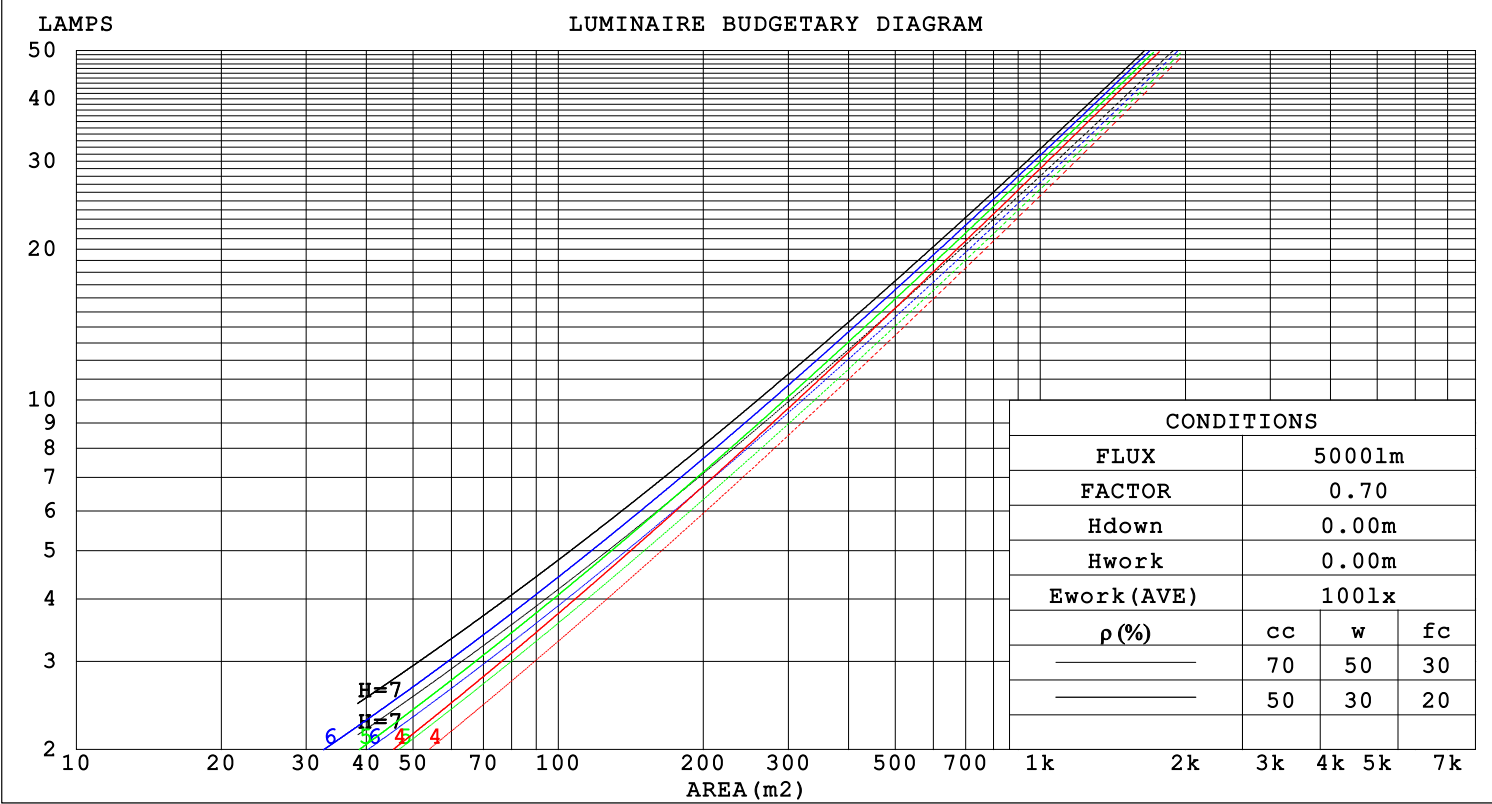
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:12.000 m
 Remarks: 5700K

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*48*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	.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%
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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*48*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	.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%
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 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*48*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	14.3	15.4	14.5	15.5	15.7	14.5	15.6	14.8	15.8	15.9
	3H	14.1	15.1	14.4	15.3	15.5	14.3	15.3	14.6	15.5	15.7
	4H	14.0	15.0	14.3	15.2	15.4	14.3	15.2	14.5	15.4	15.6
	6H	14.0	14.9	14.3	15.1	15.4	14.2	15.0	14.5	15.3	15.5
	8H	14.0	14.8	14.3	15.1	15.3	14.1	15.0	14.4	15.2	15.5
	12H	14.0	14.8	14.3	15.0	15.3	14.1	14.9	14.4	15.2	15.4
4H	2H	14.1	15.0	14.4	15.2	15.4	14.3	15.2	14.6	15.4	15.7
	3H	13.9	14.7	14.2	15.0	15.2	14.1	14.9	14.4	15.2	15.5
	4H	13.8	14.5	14.2	14.8	15.2	14.0	14.8	14.4	15.1	15.4
	6H	13.8	14.4	14.2	14.7	15.1	14.0	14.6	14.3	14.9	15.3
	8H	13.8	14.4	14.2	14.7	15.1	13.9	14.5	14.3	14.9	15.2
	12H	13.8	14.4	14.2	14.7	15.1	13.9	14.4	14.3	14.8	15.2
8H	4H	13.7	14.3	14.1	14.6	15.0	13.9	14.5	14.3	14.8	15.2
	6H	13.7	14.1	14.1	14.5	14.9	13.9	14.3	14.3	14.7	15.1
	8H	13.7	14.1	14.1	14.5	15.0	13.9	14.3	14.3	14.7	15.1
	12H	13.8	14.1	14.2	14.6	15.0	13.9	14.2	14.3	14.7	15.1
12H	4H	13.7	14.2	14.1	14.6	15.0	13.9	14.4	14.3	14.8	15.2
	6H	13.6	14.0	14.1	14.5	14.9	13.8	14.2	14.3	14.7	15.1
	8H	13.6	14.0	14.1	14.4	14.9	13.8	14.2	14.3	14.6	15.1
Variations with the observer position at spacings:											
S = 1.0H		+ 2.7 / - 8.3					+ 3.1 / - 8.0				
1.5H		+ 3.7 / - 7.8					+ 4.6 / - 4.2				
2.0H		+ 6.5 / - 8.1					+ 5.8 / - 8.2				

CIE Pub.117 Corrected 3400 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.3)

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:12.000 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*48*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	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		

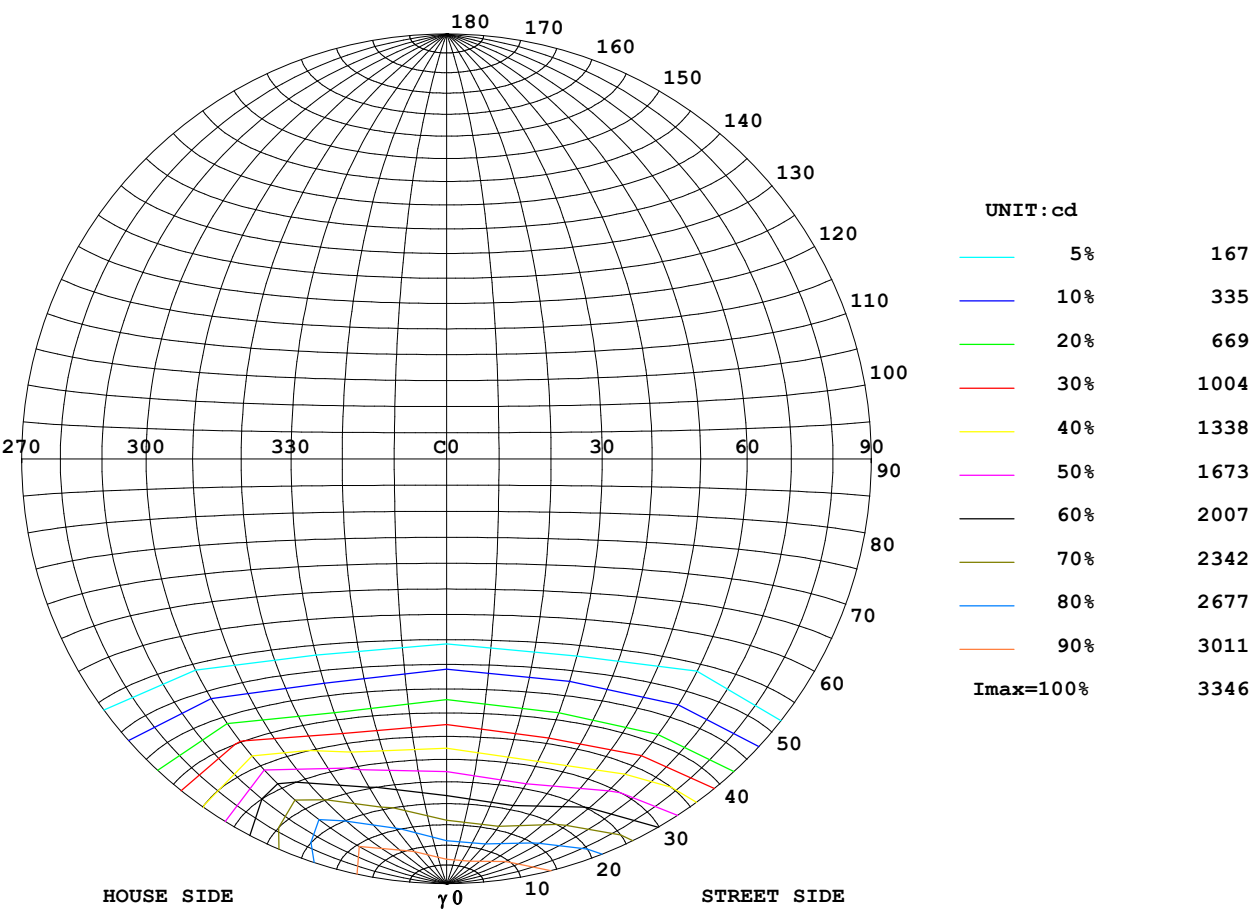
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 05-26-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 12.000 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*48*77 MM	SERIAL No.:



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

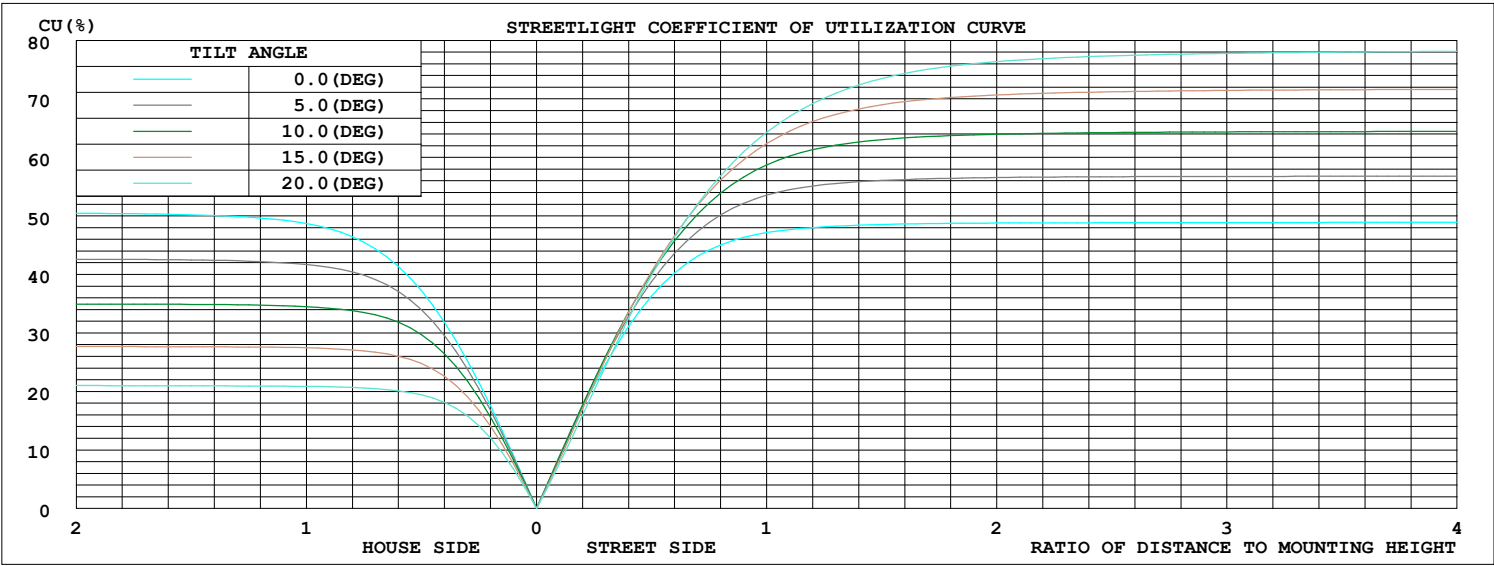
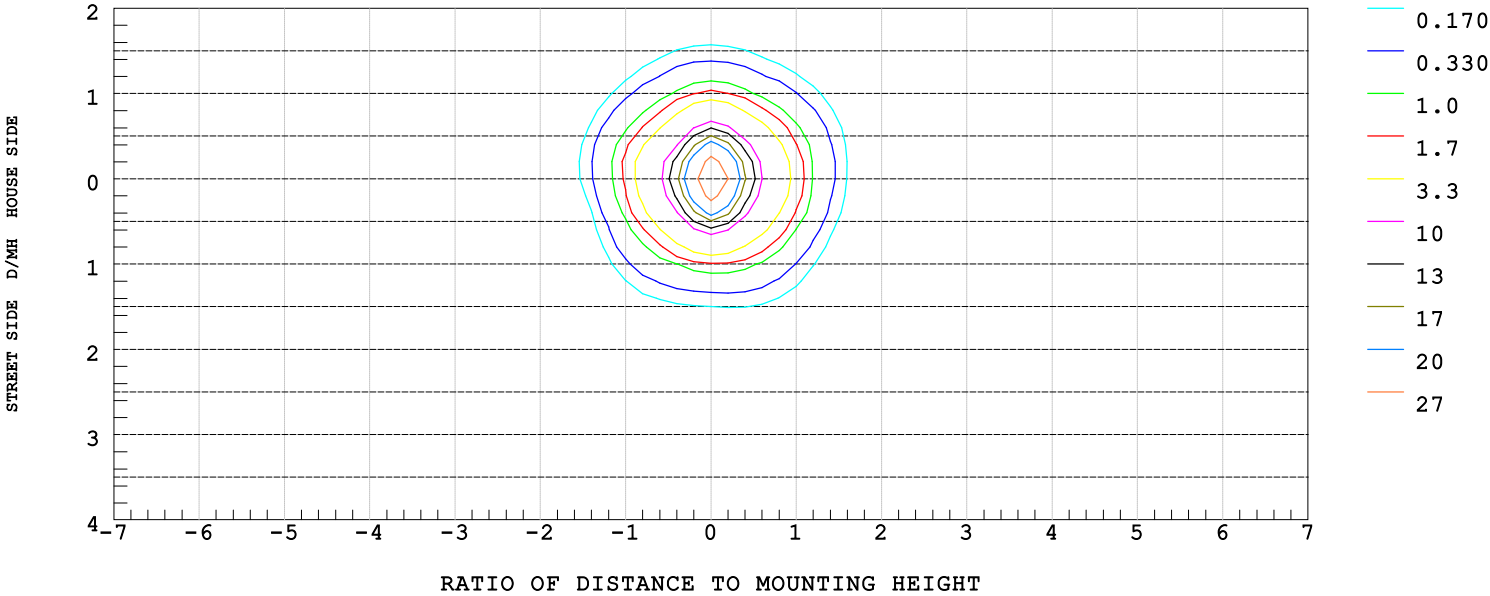
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:12.000 m
Remarks: 5700K

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*48*77 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 33.40 lx



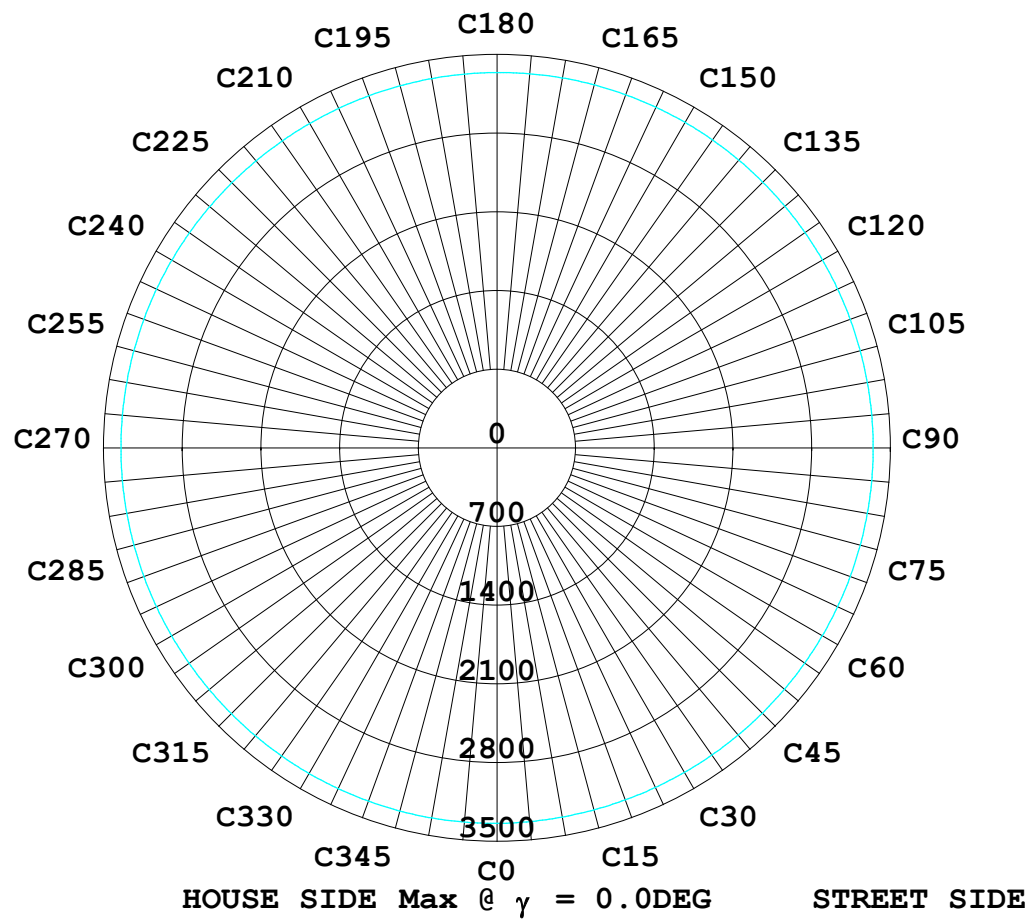
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:12.000 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*48*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:12.000 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*48*77 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	3340	3333	3341	3346	3343	3345	3340	3333	3341	3346	3343	3345
5.0	3117	3125	3209	3257	3269	3243	3272	3288	3284	3281	3209	3177
10.0	2754	2776	2991	3131	3084	2926	2966	3021	3119	3152	2977	2830
15.0	2404	2400	2710	2990	2844	2547	2588	2676	2869	2998	2700	2474
20.0	2119	2072	2388	2779	2567	2198	2265	2338	2562	2804	2387	2145
25.0	1817	1741	2025	2430	2196	1874	1987	2019	2220	2515	2026	1815
30.0	1498	1410	1616	1997	1766	1549	1661	1686	1803	2110	1609	1497
35.0	1168	1076	1175	1452	1313	1216	1336	1325	1328	1573	1170	1167
40.0	843	755	780	906	893	886	999	980	884	1012	767	841
45.0	530	455	418	451	548	631	671	665	504	553	435	545
50.0	287	242	245	202	294	318	371	383	258	248	233	302
55.0	141	111	141	113	164	153	186	203	137	144	126	150
60.0	38.7	34.7	76.7	42.1	91.0	60.3	66.6	92.4	73.0	68.1	63.2	58.4
65.0	18.4	8.49	27.5	6.76	37.0	13.9	9.93	32.8	22.0	21.0	16.4	21.7
70.0	14.6	4.60	14.4	3.74	15.4	4.60	6.19	15.9	3.60	14.1	3.31	13.8
75.0	12.8	4.46	12.0	3.45	12.3	4.03	5.76	12.0	2.73	11.2	2.44	11.2
80.0	11.6	4.75	10.8	3.45	10.8	4.17	5.61	10.0	2.30	9.36	2.16	9.21
85.0	11.2	5.47	10.6	4.32	10.2	4.60	5.76	8.49	2.01	8.20	2.01	7.63
90.0	10.9	7.34	10.8	6.33	9.93	6.04	7.77	7.05	2.73	7.05	2.73	6.48

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
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Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:12.000 m
Remarks: 5700K