

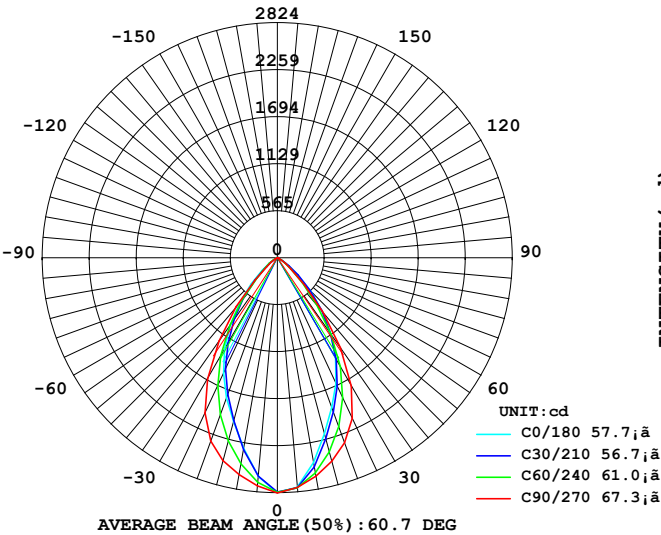
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

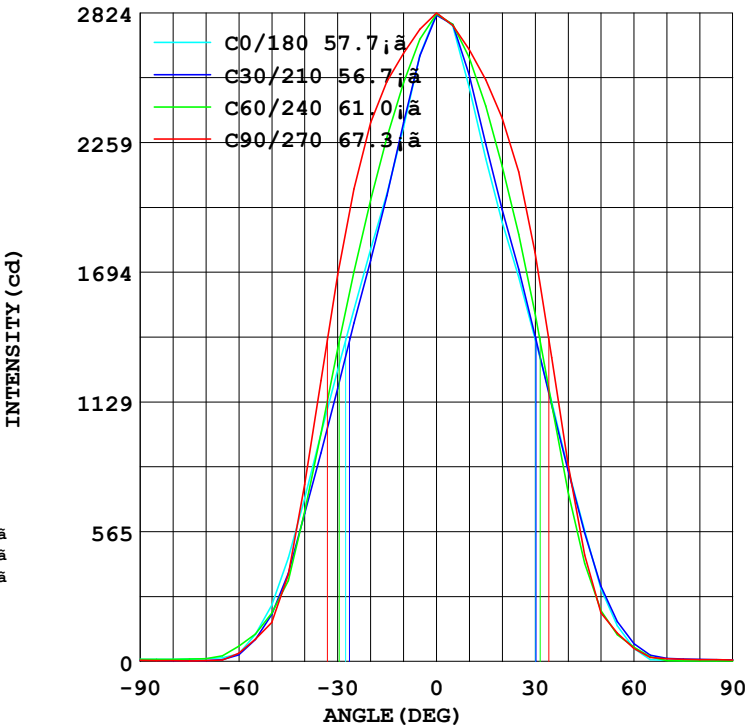
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*48*77 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	2824	S/MH (C0/180)	0.77
MODEL	XTO 20	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.98
NOMINAL POWER (W)	28	TOTAL FLUX (lm)	2870.7	Voltage (V)	219.8
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	102.2	Current (A)	0.118
NOMINAL FLUX (lm)	2870.8	η up (%)	0.0	Power (W)	28.10
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.984
TEST VOLTAGE (V)	219.8	Effictive Flux(lm)	2694.9	EEI	0.142

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:11.000 m
Remarks: 4000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*48*77 MM	SERIAL No.:

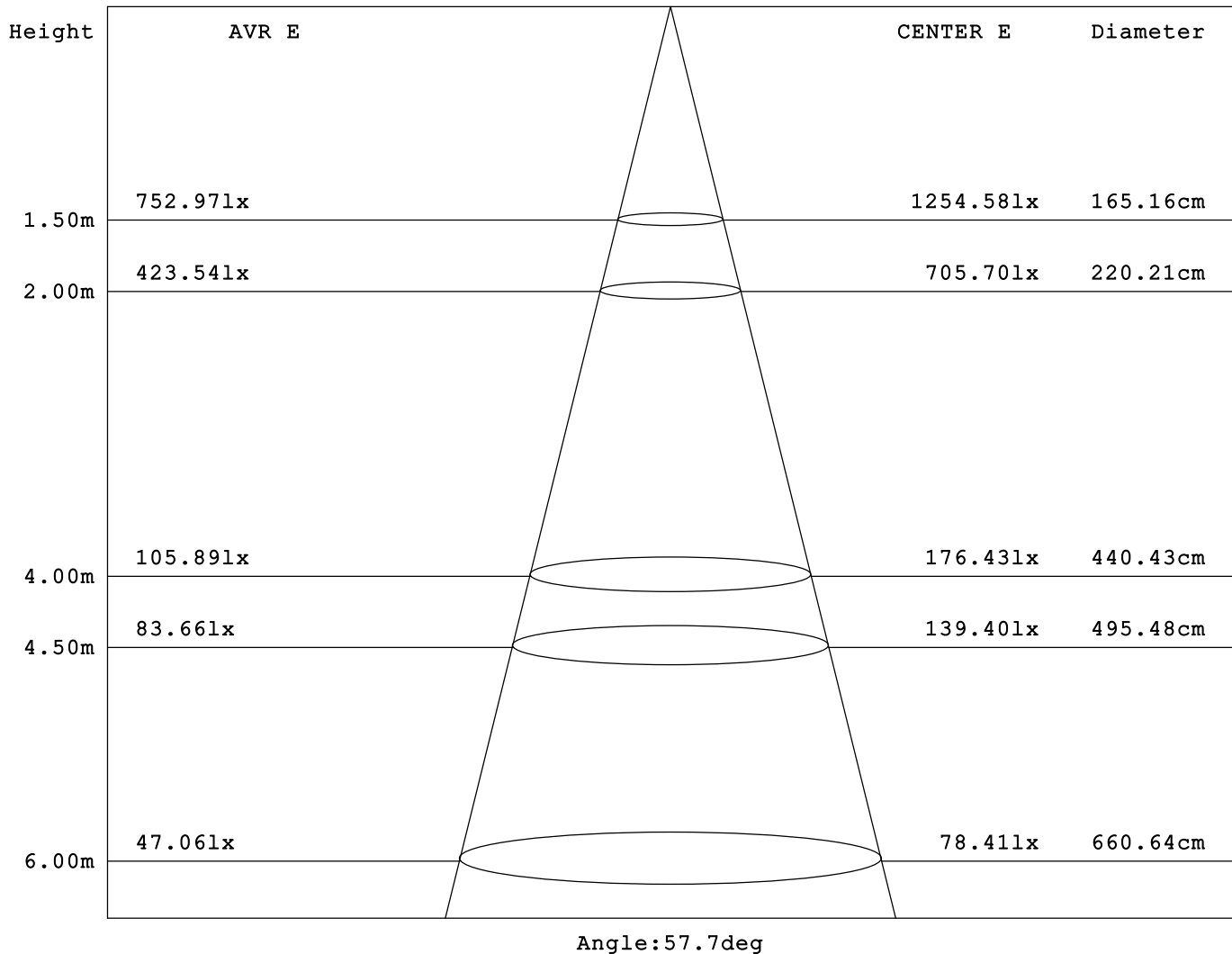
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks: 4000K

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: 4000K 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:11.000 m
 Remarks: 4000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 4000K 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	2325	2432	2647	2541	2500	2591	2665	2453	0- 10	253.7	253.7
20.0	1793	1877	2345	2016	1913	2063	2367	1915	10- 20	636.2	889.9
30.0	1269	1274	1682	1403	1404	1466	1779	1311	20- 30	792.3	1682
40.0	709.6	648.3	771.3	753.0	839.1	785.4	859.5	676.8	30- 40	671.0	2353
50.0	244.0	206.7	169.3	258.5	315.0	273.6	211.0	226.5	40- 50	360.1	2714
60.0	32.91	46.88	35.09	64.12	56.62	69.63	56.62	51.06	50- 60	120.3	2834
70.0	12.46	8.046	3.146	8.530	5.082	8.288	11.97	7.260	60- 70	23.42	2857
80.0	9.679	6.534	3.025	6.292	4.356	5.263	7.986	4.779	70- 80	7.209	2865
90.0	9.196	7.623	5.324	6.776	6.171	3.993	5.929	3.811	80- 90	6.292	2871
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: 4000K

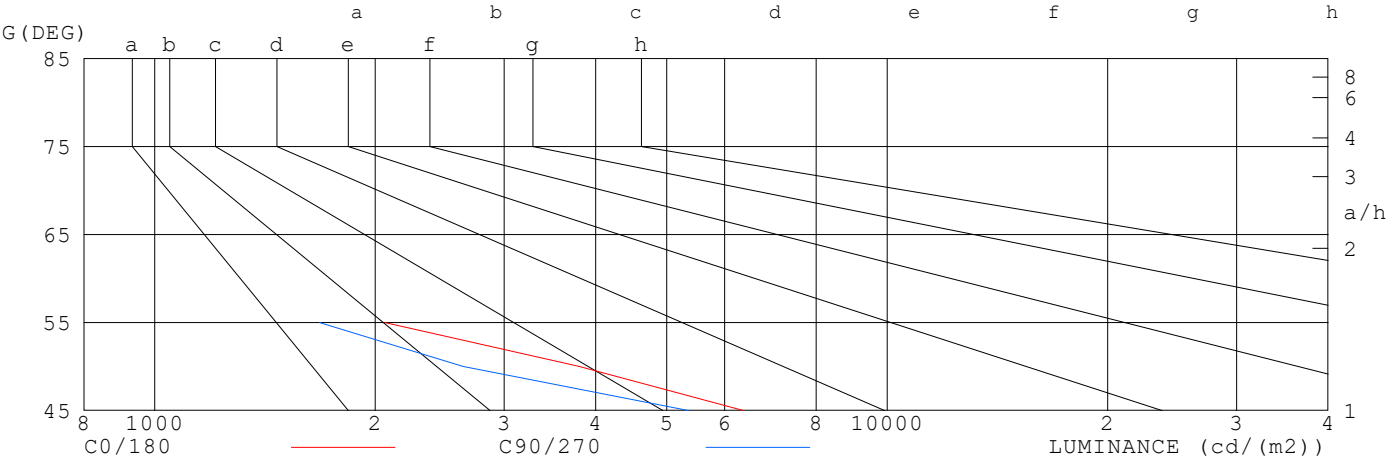
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*48*77 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	1083	416
80	557	174
75	411	108
70	364	92
65	366	135
60	658	702
55	2061	1679
50	3797	2635
45	6369	5353

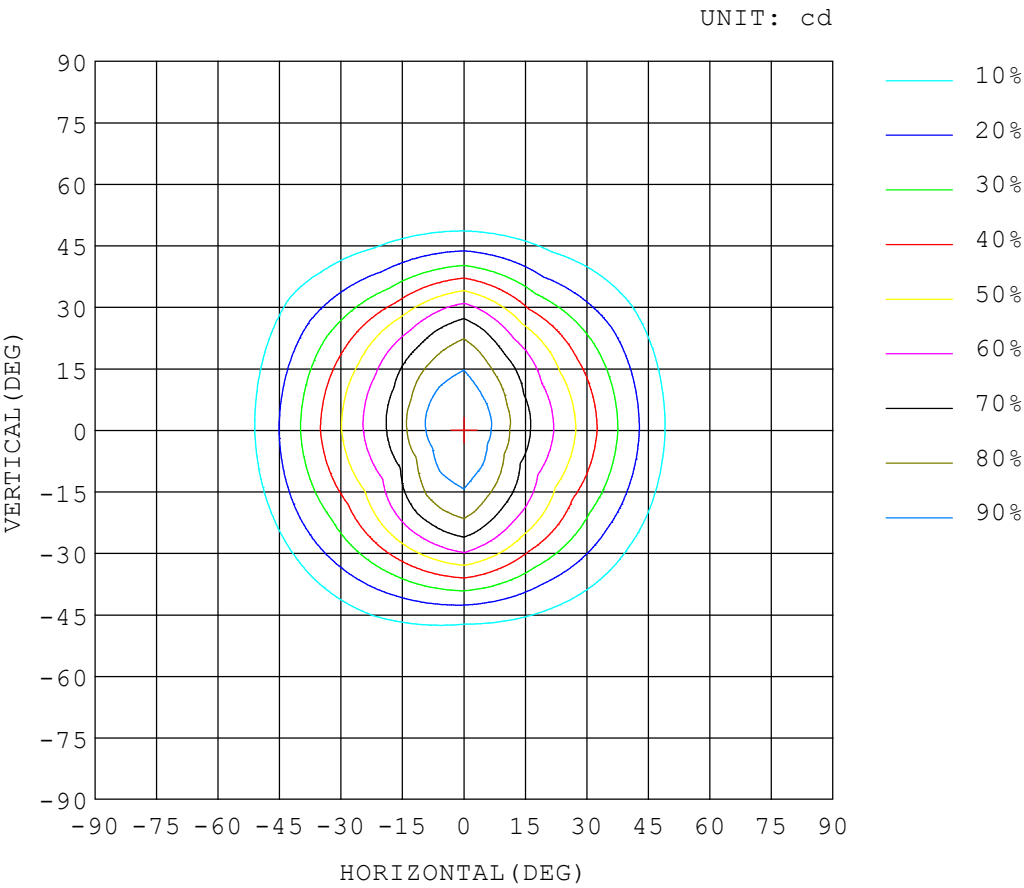
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*48*77 MM	SERIAL No.:



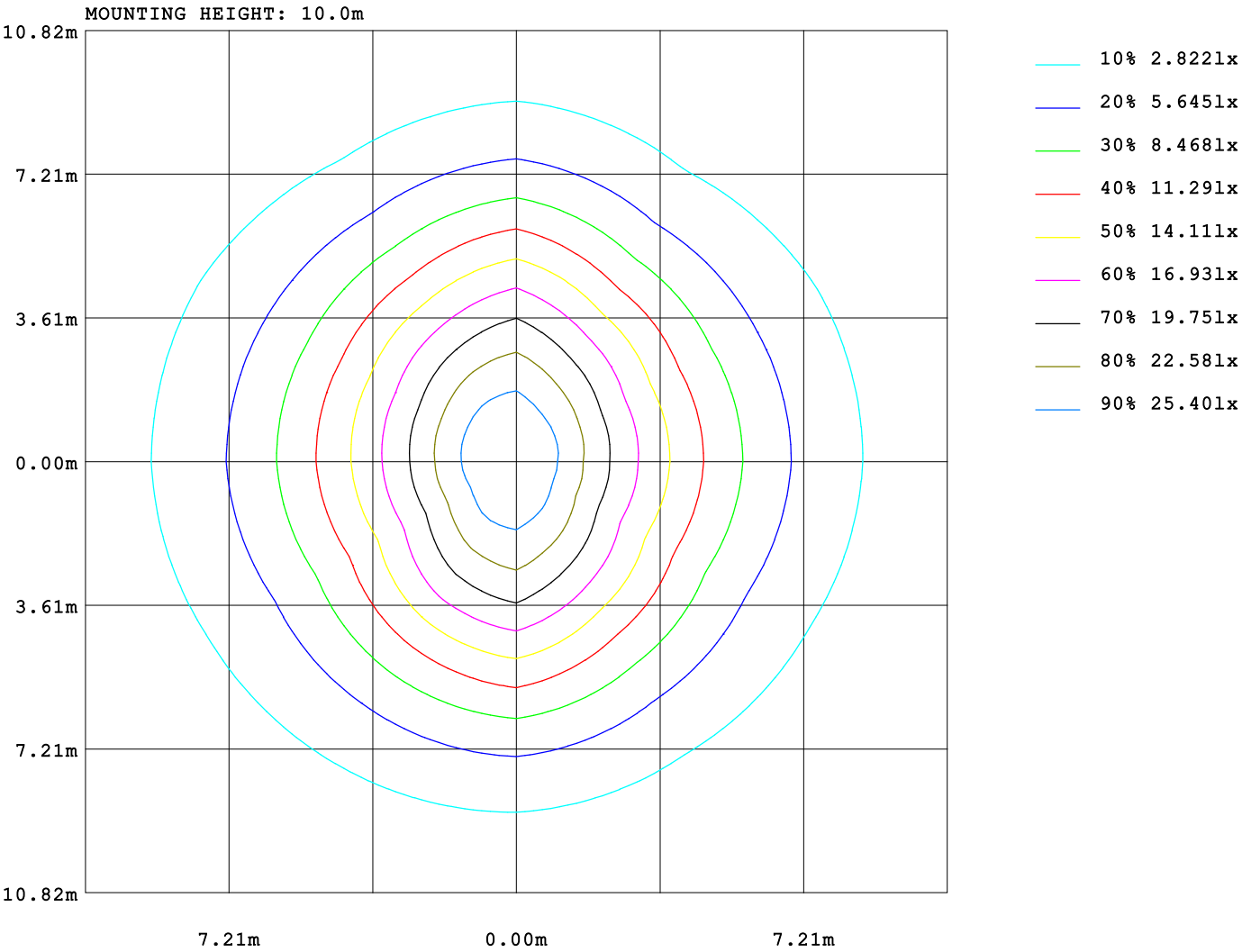
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 4000K 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:11.000 m
Remarks: 4000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																			
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																			
NAME: XTO CULTIVATOR										TYPE: 4000K 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	0.05	0.08	0.10	0.09	0.07	0.08	0.13	0.19	0.19	0.13	0.07	0.07	0.09	0.09	0.08	0.06	0.02	1.59	0.00		
90																						
80																			2.00	0.00		
70																			4.78	0.00		
60																			21.6	0.00		
50																			73.0	46.8		
40																			187	175		
30																			314	306		
																			401	395		
																			448	442		
																			441	435		
																			390	383		
-30																			302	294		
-40																			177	166		
-50																			68.0	41.4		
-60																			20.5	0.00		
-70																			4.63	0.00		
-80																			2.26	0.00		
-90																			2.26	0.00		
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)					20	30	40	50	60	70	80	90	
Φ t	0.24	0.72	2.29	17.3	70.3	166	286	418	532	515	384	255	142	55.1	12.8	2.50	1.24	0.42	2871			
Φ a	0.00	0.00	0.00	0.85	53.6	152	273	405	520	503	371	241	127	36.3	0.00	0.00	0.00	0.00		2695		

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

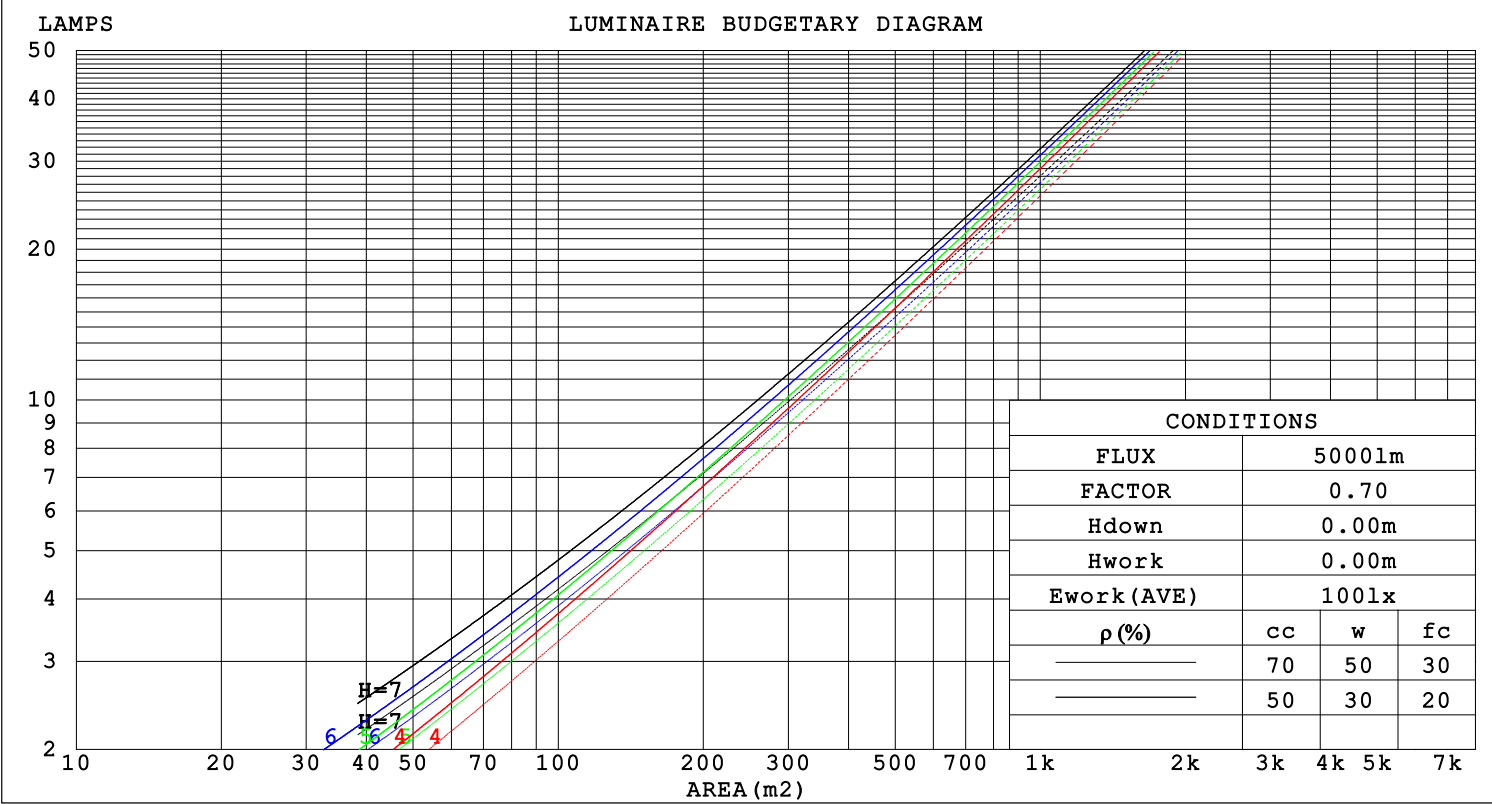
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks: 4000K

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: 4000K 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%
Test Distance:11.000 m
Remarks: 4000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: XTO CULTIVATOR								TYPE: 4000K 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%
Test Distance:11.000 m
Remarks: 4000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: XTO CULTIVATOR					TYPE: 4000K 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	13.7	14.8	14.0	15.0	15.1	13.9	15.0	14.1	15.2	15.3
	3H	13.6	14.5	13.8	14.7	15.0	13.7	14.7	14.0	14.9	15.1
	4H	13.5	14.4	13.8	14.6	14.9	13.7	14.6	13.9	14.8	15.0
	6H	13.4	14.3	13.7	14.5	14.8	13.6	14.4	13.9	14.7	14.9
	8H	13.4	14.2	13.7	14.5	14.8	13.5	14.4	13.8	14.6	14.9
	12H	13.4	14.2	13.7	14.5	14.8	13.5	14.3	13.8	14.6	14.8
4H	2H	13.5	14.4	13.8	14.7	14.9	13.7	14.6	14.0	14.8	15.1
	3H	13.3	14.1	13.7	14.4	14.7	13.5	14.3	13.8	14.6	14.9
	4H	13.3	14.0	13.6	14.3	14.6	13.4	14.2	13.8	14.5	14.8
	6H	13.2	13.9	13.6	14.2	14.5	13.4	14.0	13.7	14.3	14.7
	8H	13.2	13.8	13.6	14.2	14.5	13.3	13.9	13.7	14.3	14.6
	12H	13.3	13.8	13.7	14.2	14.6	13.3	13.8	13.7	14.2	14.6
8H	4H	13.1	13.7	13.5	14.1	14.4	13.3	13.9	13.7	14.2	14.6
	6H	13.1	13.6	13.5	14.0	14.4	13.3	13.7	13.7	14.1	14.5
	8H	13.1	13.5	13.6	13.9	14.4	13.2	13.7	13.7	14.1	14.5
	12H	13.2	13.5	13.7	14.0	14.5	13.3	13.6	13.7	14.1	14.5
12H	4H	13.1	13.6	13.5	14.0	14.4	13.3	13.8	13.7	14.2	14.6
	6H	13.1	13.5	13.5	13.9	14.3	13.2	13.6	13.7	14.1	14.5
	8H	13.1	13.4	13.5	13.9	14.4	13.2	13.6	13.7	14.0	14.5
Variations with the observer position at spacings:											
S = 1.0H		+ 2.6 / - 8.3					+ 3.1 / - 8.0				
1.5H		+ 3.7 / - 8.0					+ 4.7 / - 4.2				
2.0H		+ 6.5 / - 8.1					+ 5.7 / - 8.3				

CIE Pub.117 Corrected 2871 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.7)

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: 4000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: XTO CULTIVATOR	TYPE: 4000K 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		

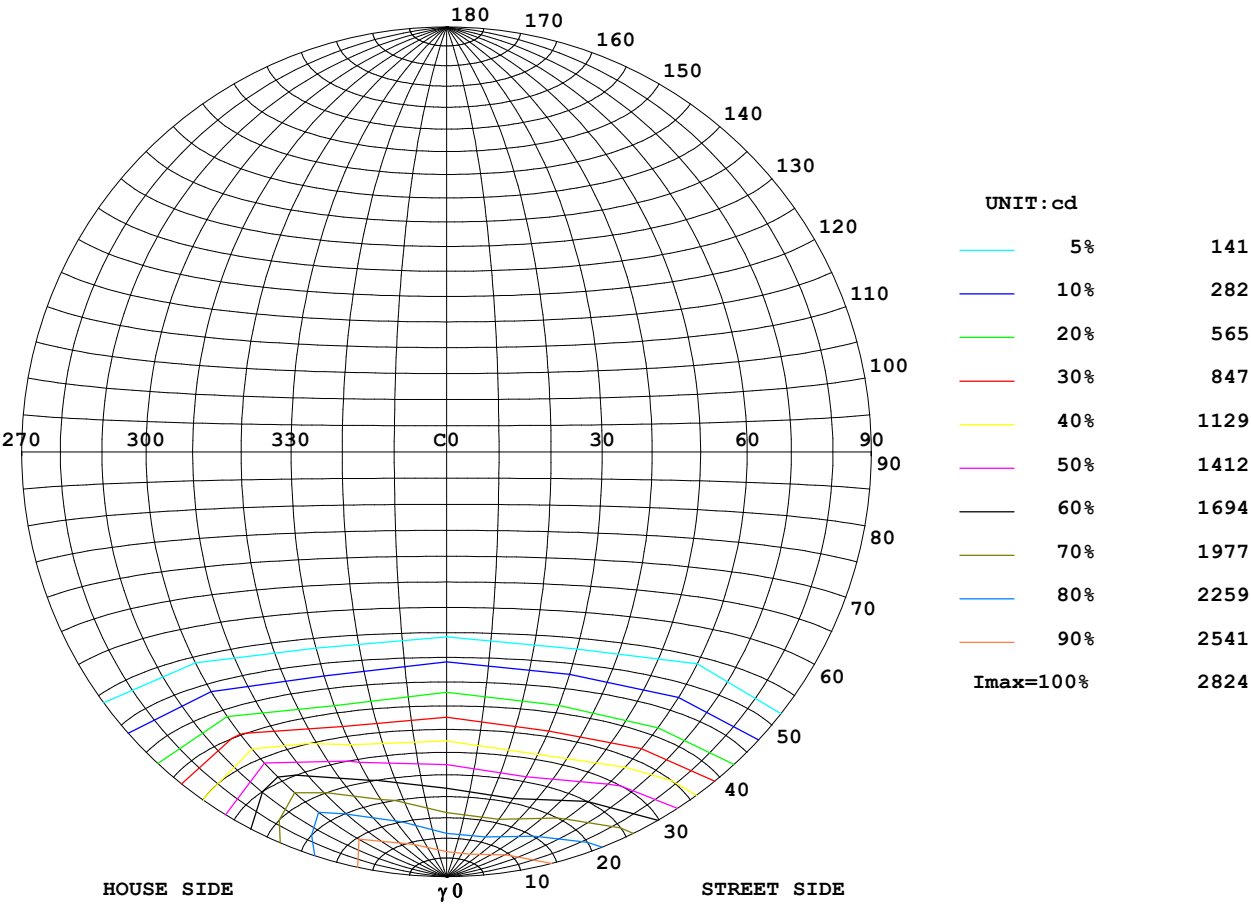
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 05-26-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 11.000 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 4000K 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

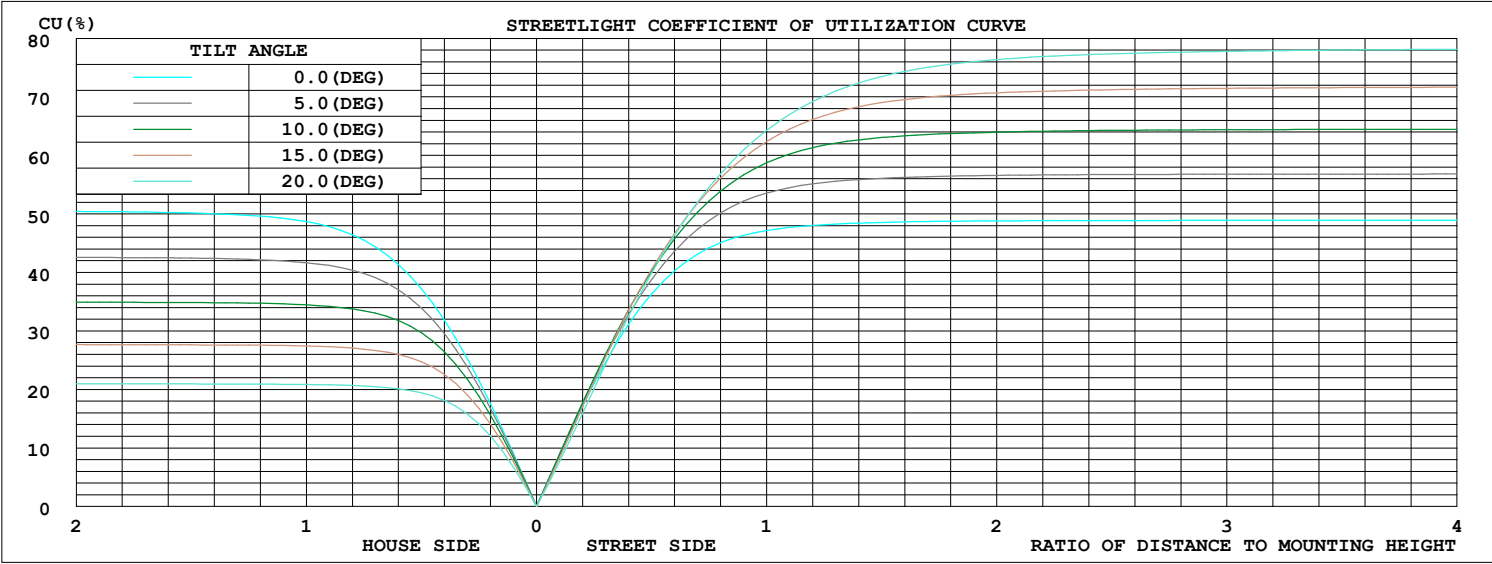
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*48*77 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 28.23 lx



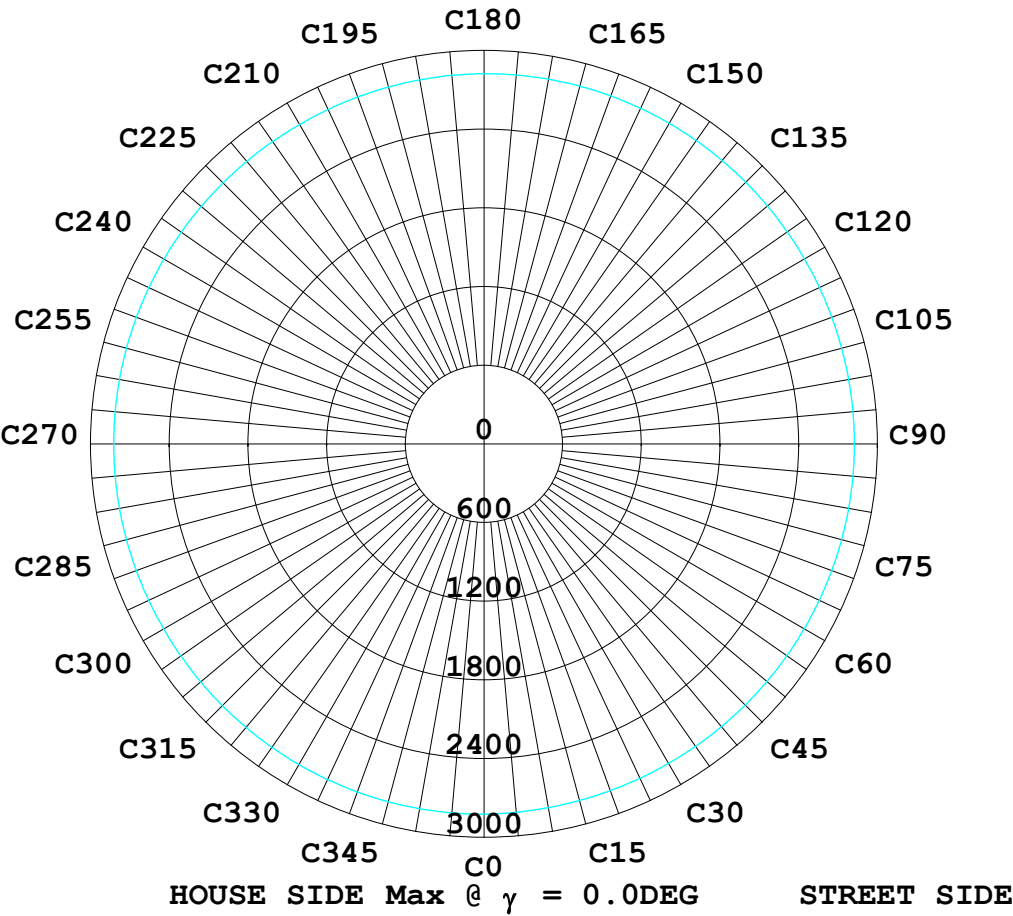
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 4000K 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:11.000 m
Remarks: 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 4000K 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	2823	2813	2819	2824	2821	2824	2823	2813	2819	2824	2821	2824
5.0	2639	2636	2708	2752	2764	2738	2766	2773	2773	2769	2713	2679
10.0	2325	2345	2519	2647	2608	2475	2500	2554	2629	2665	2513	2392
15.0	2036	2028	2281	2524	2409	2156	2188	2251	2418	2532	2285	2084
20.0	1793	1745	2009	2345	2178	1854	1913	1968	2157	2367	2022	1807
25.0	1532	1474	1696	2056	1857	1585	1673	1706	1859	2130	1710	1534
30.0	1269	1188	1361	1682	1501	1305	1404	1418	1515	1779	1365	1258
35.0	991	907	993	1222	1119	1024	1130	1115	1119	1322	993	979
40.0	710	644	653	771	754	752	839	832	739	860	643	711
45.0	450	384	352	378	467	531	569	560	427	463	369	455
50.0	244	204	210	169	250	267	315	327	220	211	197	256
55.0	118	94.7	119	96.3	138	131	155	173	116	123	105	127
60.0	32.9	28.1	65.5	35.0	77.4	50.8	56.6	76.8	62.4	56.6	53.4	48.6
65.0	15.4	7.01	24.2	5.68	31.5	11.7	8.10	27.4	19.9	17.7	13.7	18.2
70.0	12.4	3.87	12.2	3.14	12.9	4.11	5.08	13.4	3.14	11.9	2.78	11.7
75.0	10.6	3.75	10.2	2.78	10.5	3.38	4.59	10.2	2.42	9.55	2.17	9.43
80.0	9.67	3.99	9.07	3.02	9.19	3.38	4.35	8.59	1.93	7.98	1.81	7.74
85.0	9.43	4.71	8.95	3.63	8.47	3.75	4.35	7.13	1.81	7.01	1.69	6.53
90.0	9.19	6.17	9.07	5.32	8.47	5.08	6.17	5.80	2.17	5.92	2.17	5.44

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: 4000K