

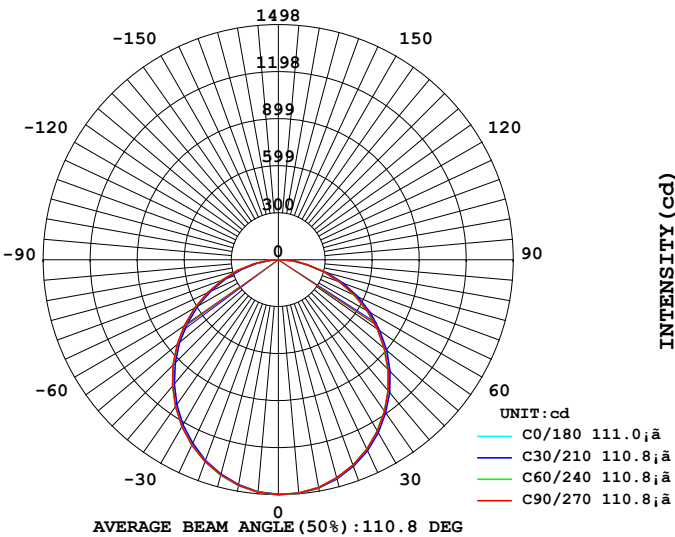
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

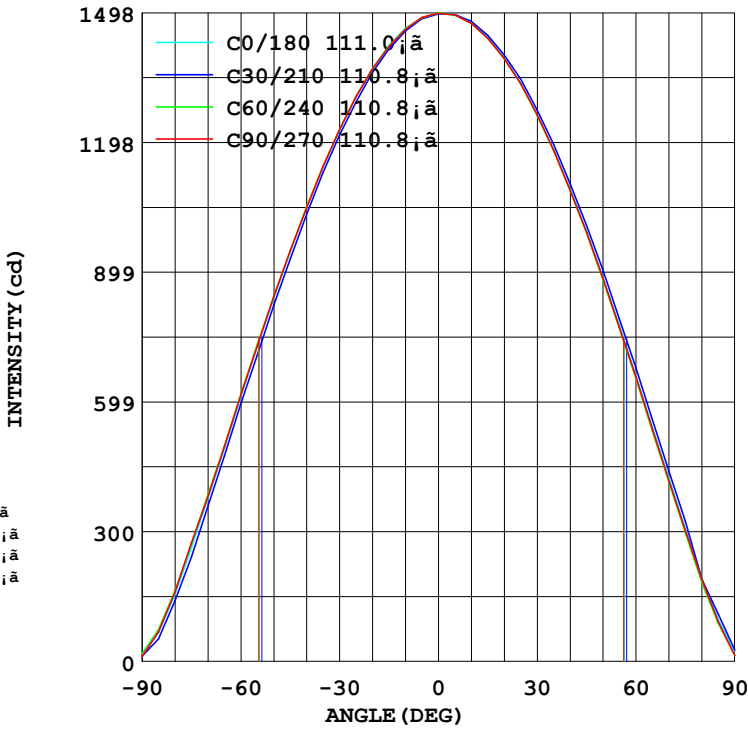
MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GENSIO 60 - 2X2	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 595*595*60 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	1498	S/MH (C0/180)	1.23
MODEL	GENSIO 60 -2X2	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.23
NOMINAL POWER (W)	35	TOTAL FLUX (lm)	4204.7	Voltage (V)	219.8
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	118.4	Current (A)	0.168
NOMINAL FLUX (lm)	4204.7	η up (%)	0.0	Power (W)	35.50
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.990
TEST VOLTAGE (V)	219.8	Effictive Flux (lm)	4109.9	EEI	0.118

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

Color Temperature Data List

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GENSIO 60 - 2X2	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 595*595*60 MM	SERIAL No.:

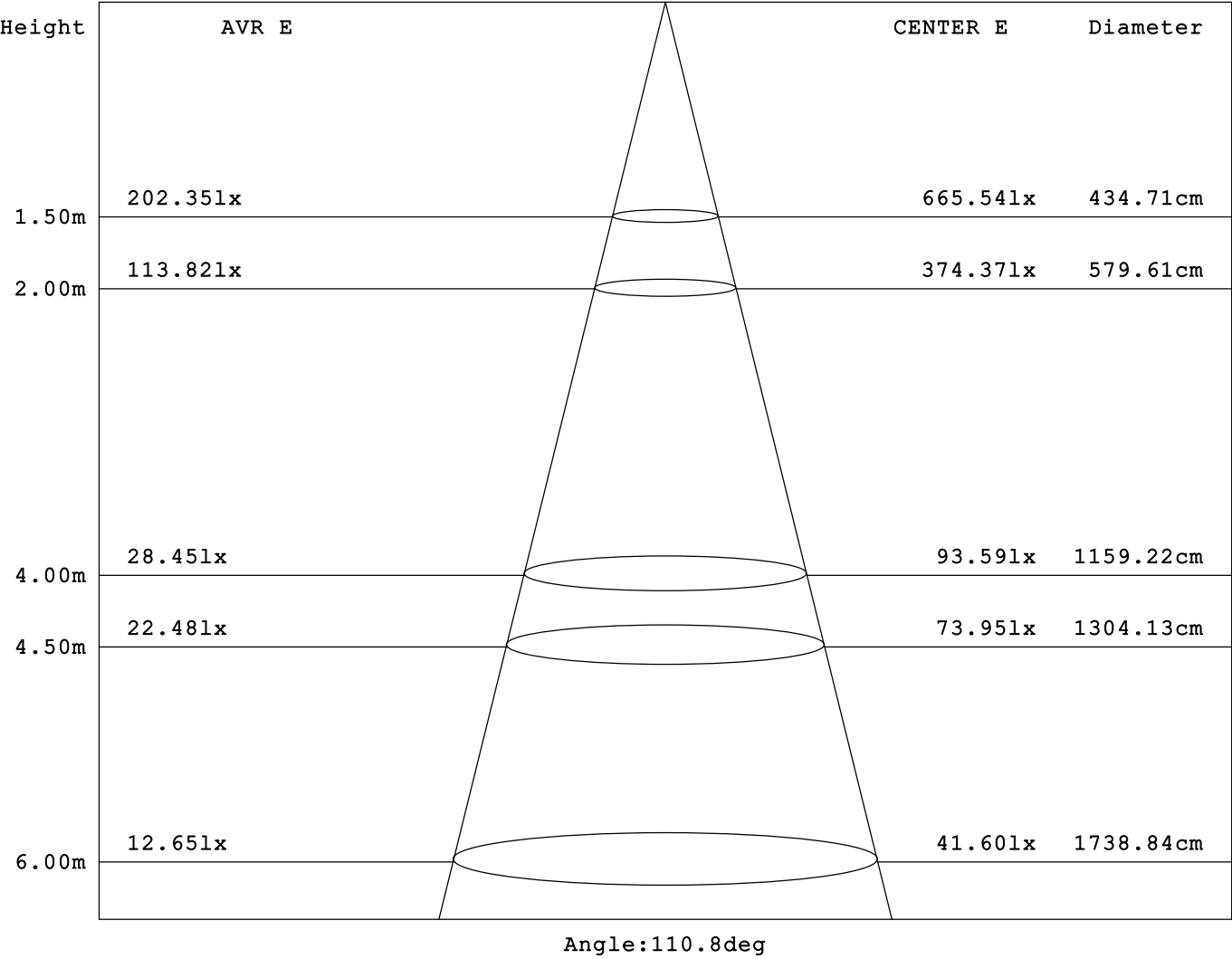
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GENSIO 60 - 2X2	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 595*595*60 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GENSIO 60 - 2X2	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 595*595*60 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	1462	1459	1460	1468	1475	1476	1474	1466	0- 10	141.4	141.4
20.0	1370	1364	1369	1382	1394	1397	1392	1379	10- 20	403.5	544.9
30.0	1227	1222	1229	1248	1263	1267	1263	1243	20- 30	607.5	1153
40.0	1048	1041	1047	1072	1091	1096	1089	1065	30- 40	726.3	1879
50.0	837.9	831.8	841.6	868.0	886.0	891.6	884.8	855.7	40- 50	747.2	2626
60.0	610.3	605.2	614.4	643.9	659.5	665.2	657.2	625.9	50- 60	671.0	3297
70.0	376.0	370.5	379.1	409.3	423.7	427.0	417.8	387.0	60- 70	511.5	3809
80.0	154.3	151.0	158.9	184.5	191.8	185.9	189.4	160.5	70- 80	301.2	4110
90.0	17.79	14.91	11.71	17.15	23.23	20.06	13.69	7.744	80- 90	94.79	4205
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:05-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

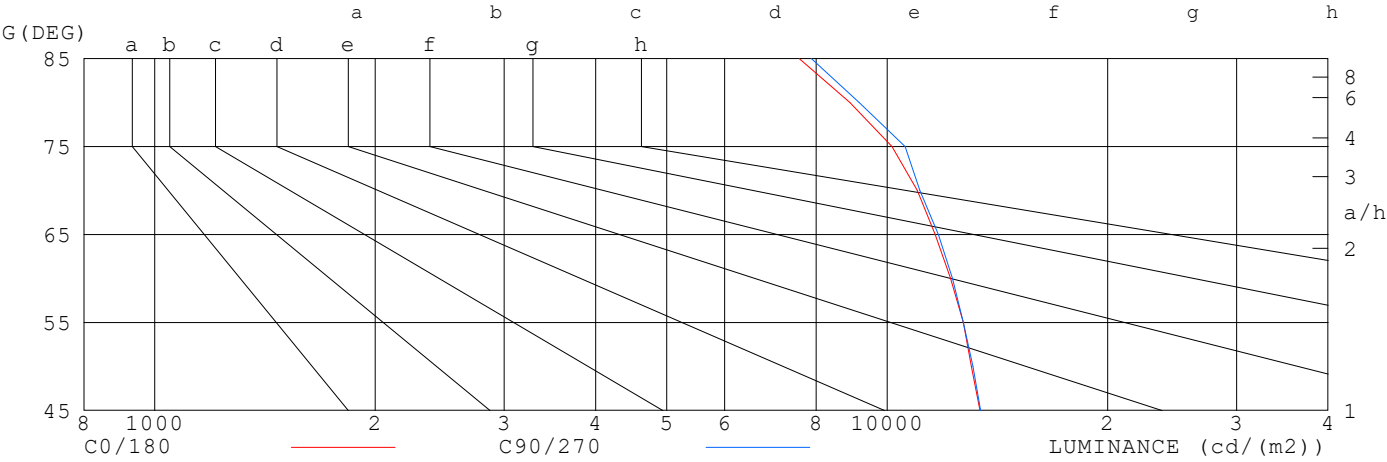
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GENSIO 60 - 2X2	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 595*595*60 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	7586	7879
80	8890	9151
75	10153	10583
70	10995	11085
65	11627	11747
60	12207	12288
55	12710	12710
50	13036	13094
45	13385	13419

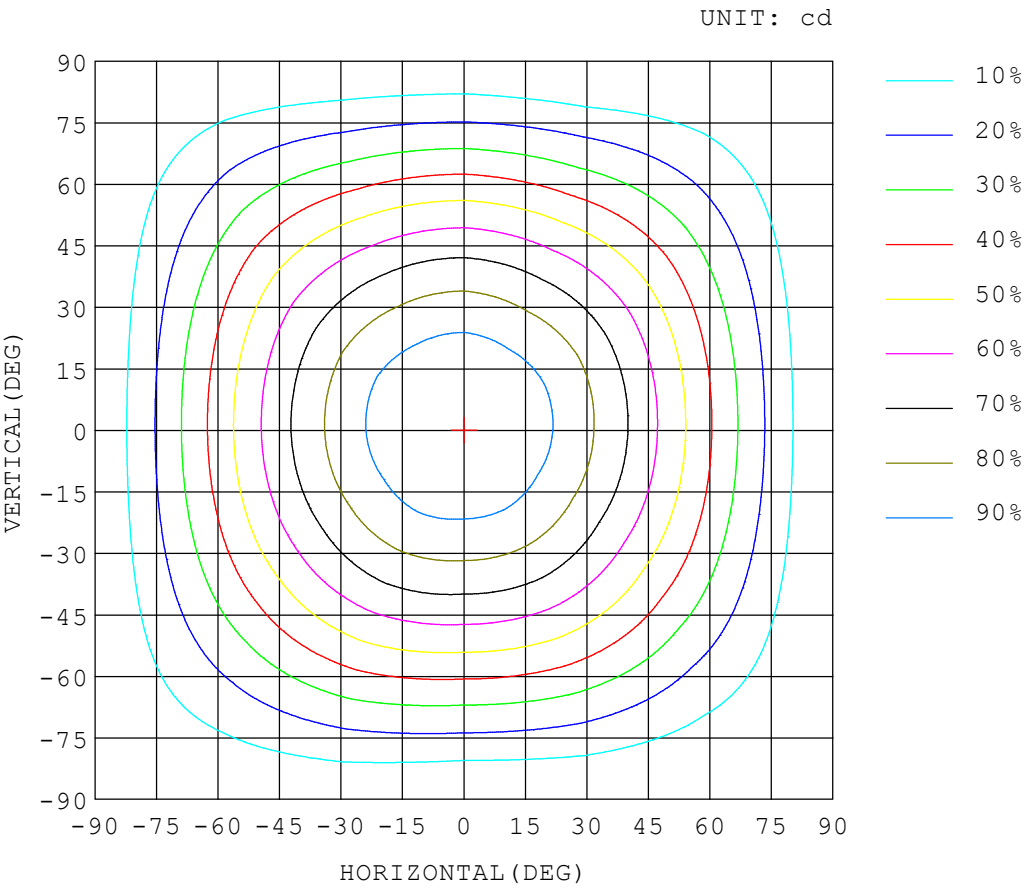
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GENSIO 60 - 2X2	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 595*595*60 MM	SERIAL No.:



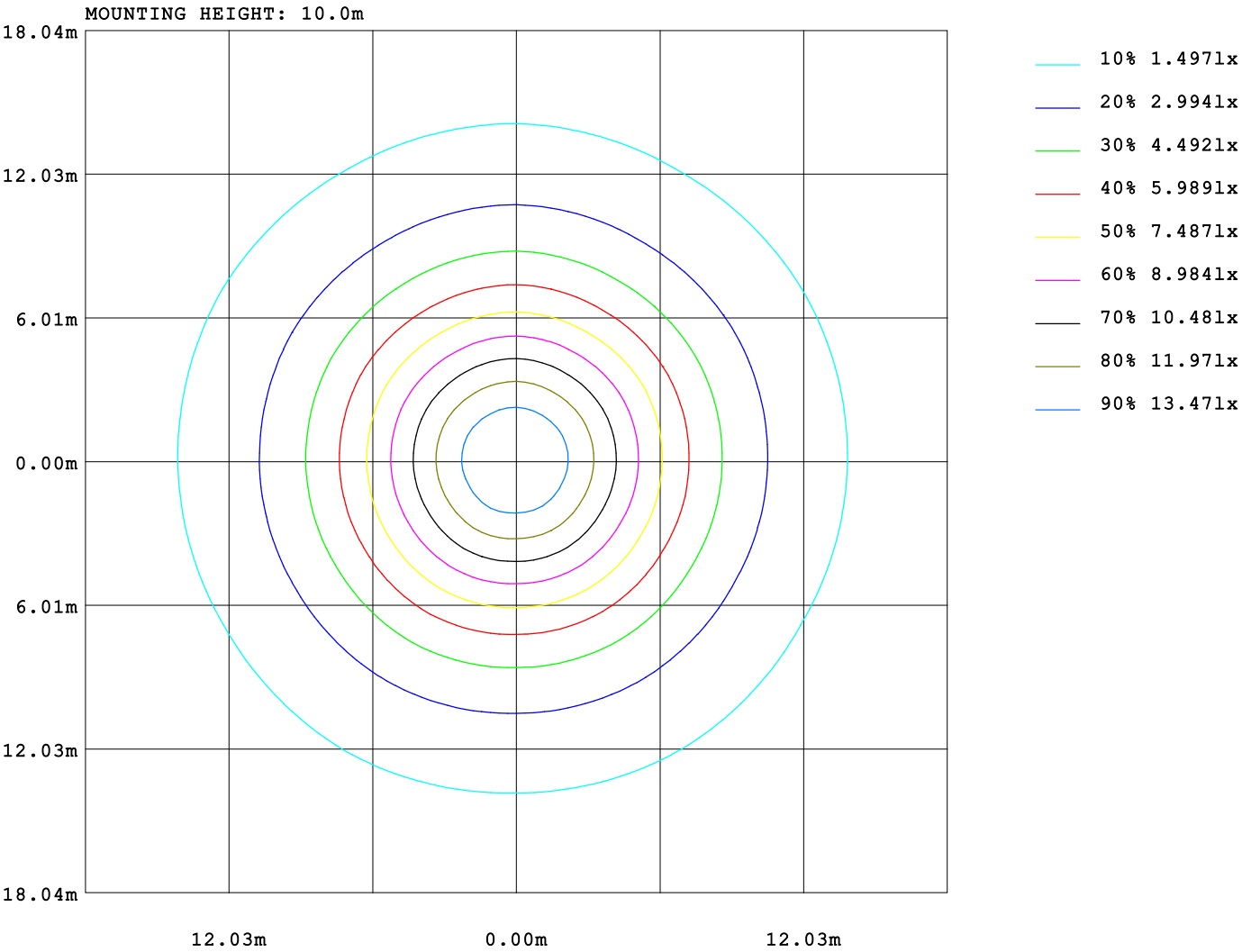
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GENSIO 60 - 2X2	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 595*595*60 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER:																			
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																			
NAME: GENSIO 60 - 2X2										TYPE: 4000K CRI-90					WEIGHT:				
SPECIFICATION: FULHAM-800 MA										DIMENSION: 595*595*60 MM					SERIAL No.:				

VERTICAL (DEG)	AREA FLUX DIAGRAM																	UNIT:lm		Φ t	Φ a
	0.09	0.36	0.78	1.24	1.64	1.99	2.34	2.69	2.89	2.79	2.39	1.88	1.46	1.12	0.79	0.48	0.23	0.06	25.2	3.50	
90	0.13	0.69	1.66	2.91	4.40	5.93	7.32	8.47	9.11	8.98	8.09	6.73	5.26	3.80	2.41	1.24	0.46	0.09	77.7	69.8	
80	0.18	1.01	2.63	5.16	7.93	10.6	13.0	15.0	16.1	15.9	14.5	12.3	9.78	7.10	4.47	2.23	0.76	0.12	139	137	
70	0.22	1.35	3.81	7.35	11.3	15.2	18.8	21.6	23.2	23.0	21.1	18.0	14.3	10.3	6.52	3.27	1.09	0.15	201	200	
60	0.26	1.70	4.84	9.30	14.4	19.6	24.2	27.7	29.7	29.5	27.2	23.4	18.7	13.5	8.45	4.24	1.42	0.18	259	258	
50	0.29	2.02	5.69	10.9	17.1	23.4	28.9	33.1	35.4	35.2	32.5	28.1	22.4	16.2	10.1	5.07	1.70	0.21	309	308	
40	0.32	2.26	6.36	12.2	19.2	26.4	32.7	37.4	40.0	39.8	36.8	31.9	25.4	18.2	11.4	5.74	1.93	0.24	349	349	
30	0.33	2.43	6.81	13.1	20.6	28.4	35.4	40.5	43.2	43.0	40.0	34.6	27.4	19.6	12.3	6.18	2.08	0.25	377	376	
	0.34	2.50	7.02	13.5	21.2	29.3	36.6	42.0	44.9	44.7	41.5	35.7	28.3	20.3	12.7	6.39	2.16	0.26	390	390	
	0.34	2.49	6.99	13.4	21.1	29.1	36.3	41.8	44.7	44.5	41.2	35.5	28.1	20.2	12.6	6.36	2.15	0.26	388	387	
	0.33	2.40	6.70	12.9	20.2	27.8	34.8	40.1	42.8	42.6	39.5	33.9	26.9	19.3	12.0	6.08	2.05	0.25	371	371	
-30	0.31	2.22	6.19	11.9	18.6	25.6	32.1	36.9	39.3	39.1	36.4	31.3	24.7	17.6	11.0	5.57	1.87	0.23	342	341	
-40	0.28	1.96	5.47	10.5	16.4	22.7	28.4	32.5	34.5	34.3	32.0	27.5	21.7	15.4	9.65	4.85	1.63	0.20	301	300	
-50	0.25	1.65	4.58	8.75	13.8	19.0	23.8	27.1	28.6	28.5	26.6	23.0	18.1	12.8	7.91	3.96	1.33	0.17	250	249	
-60	0.21	1.30	3.57	6.81	10.7	14.8	18.5	21.0	22.1	21.9	20.5	17.7	13.9	9.84	5.97	2.97	1.00	0.14	193	192	
-70	0.17	0.95	2.49	4.76	7.53	10.4	12.8	14.4	15.1	14.9	13.9	12.1	9.54	6.64	3.94	1.95	0.68	0.11	133	130	
-80	0.12	0.61	1.47	2.71	4.28	5.92	7.27	8.06	8.32	8.18	7.64	6.62	5.15	3.52	2.06	1.01	0.40	0.09	73.4	65.1	
-90	0.08	0.30	0.61	1.01	1.52	2.05	2.41	2.50	2.43	2.34	2.24	2.02	1.60	1.10	0.67	0.39	0.21	0.06	23.5	1.75	
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)					20	30	40	50	60	70	80	90
Φ t	4.24	28.2	77.7	149	233	319	396	454	483	480	445	383	303	217	135	68.0	23.1	3.06	4205		
Φ a	0.93	23.9	73.6	145	229	315	392	450	479	476	441	379	299	213	131	63.6	18.1	0.00		4110	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-29-2025

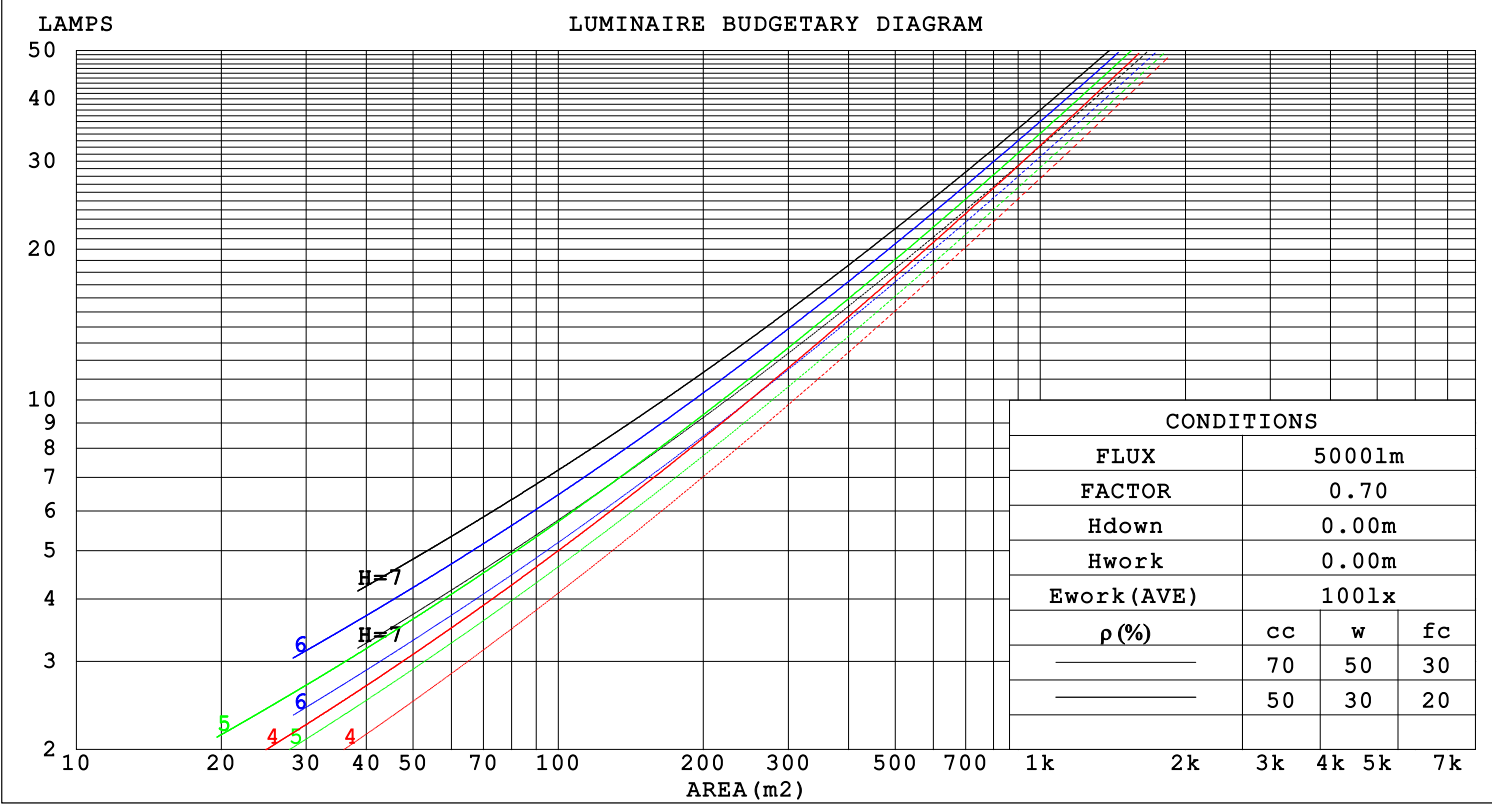
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: GENSIO 60 - 2X2								TYPE: 4000K CRI-90				WEIGHT:			
SPECIFICATION: FULHAM-800 MA								DIMENSION: 595*595*60 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	1.04	.99	.95	1.01	.97	.94	.97	.94	.91	.93	.91	.88	.90	.87	.85	.83
2.0	.90	.83	.78	.88	.82	.77	.85	.79	.75	.82	.77	.73	.78	.75	.71	.69
3.0	.79	.71	.64	.78	.70	.64	.75	.68	.63	.72	.66	.62	.69	.65	.60	.58
4.0	.70	.61	.55	.69	.61	.54	.66	.59	.53	.64	.58	.53	.62	.56	.52	.50
5.0	.63	.54	.47	.62	.53	.47	.59	.52	.46	.57	.51	.46	.56	.50	.45	.43
6.0	.56	.47	.41	.55	.47	.41	.54	.46	.40	.52	.45	.40	.50	.44	.40	.38
7.0	.51	.42	.36	.50	.42	.36	.49	.41	.36	.47	.41	.35	.46	.40	.35	.33
8.0	.47	.38	.32	.46	.38	.32	.45	.37	.32	.43	.37	.32	.42	.36	.32	.30
9.0	.43	.35	.29	.42	.34	.29	.41	.34	.29	.40	.33	.29	.39	.33	.28	.27
10.0	.40	.32	.26	.39	.31	.26	.38	.31	.26	.37	.31	.26	.36	.30	.26	.24



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

WEC AND CCEC

Report number:

MANUFACTURER:															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: GENSIO 60 - 2X2								TYPE: 4000K CRI-90				WEIGHT:			
SPECIFICATION: FULHAM-800 MA								DIMENSION: 595*595*60 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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.314	.178	.056	.307	.175	.056	.293	.168	.054	.281	.162	.052	.270	.156	.050	
2.0	.293	.161	.049	.287	.158	.049	.276	.153	.048	.265	.149	.046	.255	.144	.045	
3.0	.271	.144	.043	.265	.142	.043	.255	.138	.042	.245	.135	.041	.237	.131	.041	
4.0	.250	.130	.038	.245	.128	.038	.236	.125	.037	.227	.122	.037	.219	.119	.036	
5.0	.231	.118	.034	.226	.116	.034	.218	.114	.033	.211	.111	.033	.203	.109	.033	
6.0	.214	.107	.031	.210	.106	.031	.203	.104	.030	.196	.102	.030	.190	.100	.030	
7.0	.199	.098	.028	.195	.097	.028	.189	.096	.028	.183	.094	.027	.177	.092	.027	
8.0	.186	.091	.026	.183	.090	.025	.177	.088	.025	.171	.087	.025	.166	.085	.025	
9.0	.174	.084	.024	.171	.083	.023	.166	.082	.023	.161	.081	.023	.157	.080	.023	
10.0	.164	.078	.022	.161	.078	.022	.156	.077	.022	.152	.075	.021	.148	.074	.021	

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.181	.156	.134	.155	.134	.115	.106	.092	.080	.061	.053	.046	.019	.017	.015	
2.0	.172	.132	.098	.148	.114	.085	.101	.079	.059	.058	.046	.035	.019	.015	.011	
3.0	.165	.114	.074	.141	.099	.064	.097	.069	.045	.056	.040	.027	.018	.013	.009	
4.0	.157	.101	.058	.135	.087	.051	.093	.061	.036	.054	.036	.021	.017	.012	.007	
5.0	.149	.091	.047	.128	.078	.041	.088	.055	.029	.051	.032	.017	.017	.010	.006	
6.0	.142	.082	.039	.122	.071	.034	.084	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.135	.075	.033	.117	.065	.029	.080	.046	.020	.047	.027	.012	.015	.009	.004	
8.0	.129	.070	.029	.111	.060	.025	.077	.042	.018	.045	.025	.011	.014	.008	.004	
9.0	.123	.065	.025	.106	.056	.022	.073	.039	.016	.043	.023	.009	.014	.008	.003	
10.0	.117	.060	.022	.101	.052	.020	.070	.037	.014	.041	.022	.008	.013	.007	.003	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks: 4000K

Uncorrected UGR Table

Report number:

MANUFACTURER:											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: GENRIO 60 - 2X2					TYPE: 4000K CRI-90			WEIGHT:			
SPECIFICATION: FULHAM-800 MA					DIMENSION: 595*595*60 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	21.4	23.0	21.7	23.2	23.4	21.6	23.1	21.8	23.3	23.5
	3H	22.9	24.3	23.2	24.5	24.8	23.0	24.5	23.3	24.7	24.9
	4H	23.4	24.8	23.8	25.0	25.3	23.6	25.0	24.0	25.2	25.5
	6H	23.8	25.1	24.1	25.3	25.6	24.0	25.3	24.4	25.6	25.8
	8H	23.9	25.1	24.2	25.4	25.7	24.1	25.3	24.5	25.6	25.9
	12H	23.9	25.1	24.3	25.4	25.7	24.2	25.3	24.5	25.6	25.9
4H	2H	22.0	23.4	22.3	23.6	23.9	22.1	23.5	22.4	23.7	24.0
	3H	23.6	24.8	24.0	25.1	25.4	23.8	25.0	24.2	25.3	25.6
	4H	24.3	25.4	24.7	25.7	26.0	24.5	25.6	24.9	25.9	26.3
	6H	24.7	25.7	25.1	26.0	26.4	25.0	26.0	25.4	26.3	26.7
	8H	24.8	25.7	25.2	26.1	26.5	25.2	26.0	25.6	26.4	26.8
	12H	24.9	25.7	25.3	26.1	26.5	25.3	26.1	25.7	26.5	26.9
8H	4H	24.5	25.4	24.9	25.8	26.2	24.7	25.6	25.2	26.0	26.4
	6H	25.1	25.8	25.5	26.2	26.6	25.4	26.1	25.8	26.5	27.0
	8H	25.2	25.9	25.7	26.3	26.7	25.6	26.2	26.0	26.7	27.1
	12H	25.3	25.9	25.8	26.4	26.8	25.7	26.3	26.2	26.8	27.2
12H	4H	24.5	25.3	25.0	25.7	26.1	24.7	25.6	25.2	25.9	26.4
	6H	25.1	25.8	25.6	26.2	26.6	25.4	26.1	25.9	26.5	26.9
	8H	25.3	25.8	25.8	26.3	26.8	25.6	26.2	26.1	26.7	27.1
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2					
1.5H	+ 0.1 / - 0.3					+ 0.2 / - 0.4					
2.0H	+ 0.3 / - 0.3					+ 0.2 / - 0.4					

CIE Pub.117 Corrected 4205 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.0)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GENSIO 60 - 2X2	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 595*595*60 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) $k(RI) \times RCR = 5$									
$k = 0.60$	58	46	39	57	46	39	56	45	39	32
0.80	68	56	49	67	56	48	65	55	48	41
1.00	76	65	57	75	64	57	72	66	57	50
1.25	83	72	65	82	72	65	79	70	64	57
1.50	88	78	71	86	77	71	83	75	69	62
2.00	95	86	80	93	85	79	89	83	77	70
2.50	99	91	85	97	90	84	93	87	82	74
3.00	102	95	90	100	94	89	96	91	86	78
4.00	106	100	96	104	99	94	99	95	92	83
5.00	109	104	100	106	102	98	102	98	95	86
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

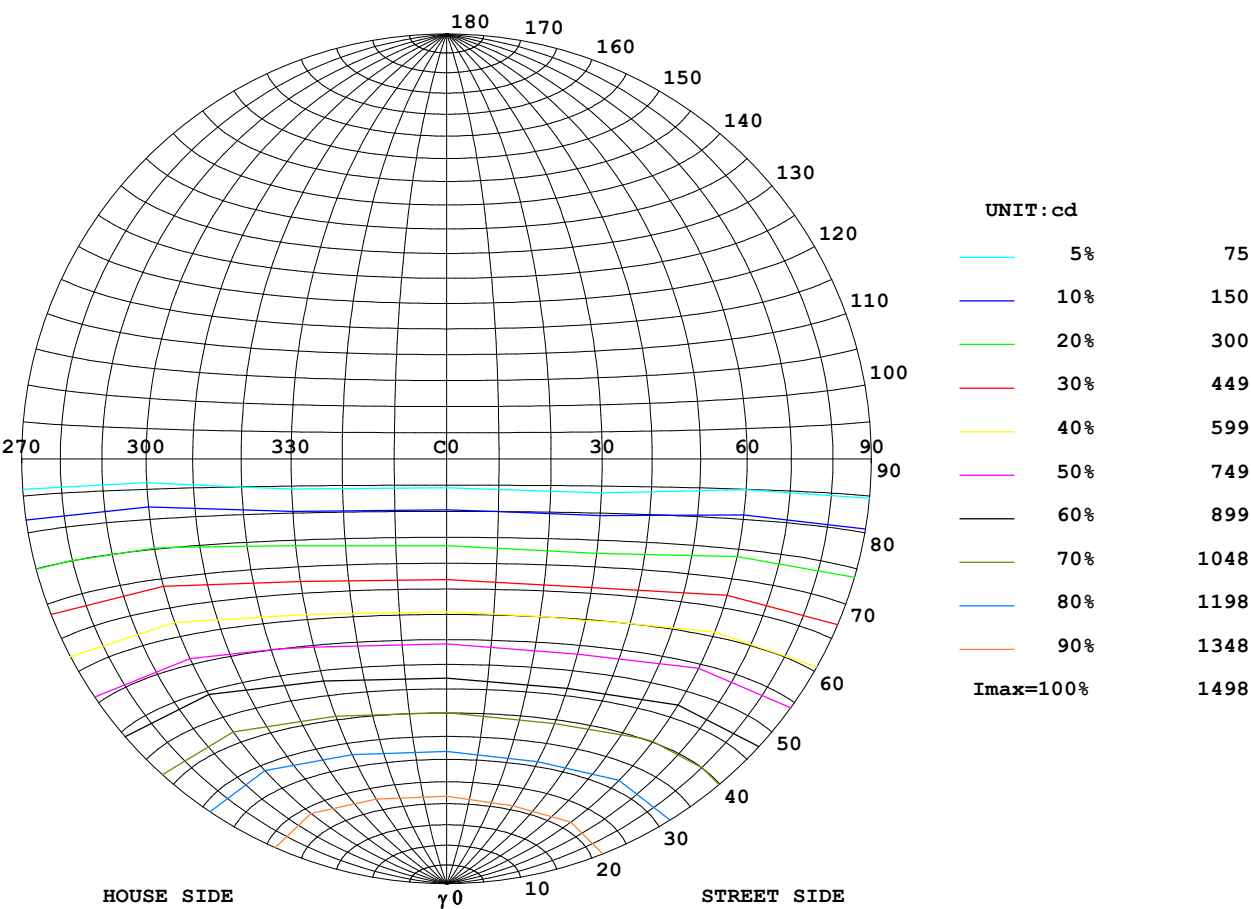
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 05-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.000 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GENSIO 60 - 2X2	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 595*595*60 MM	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-29-2025

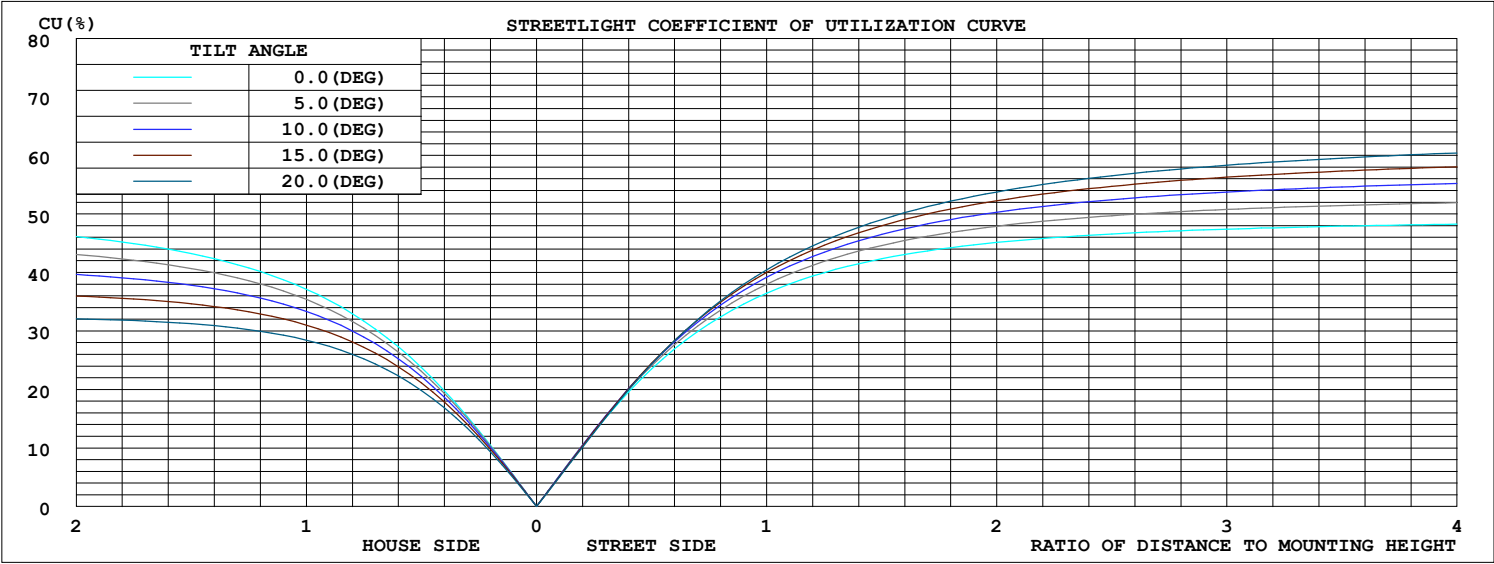
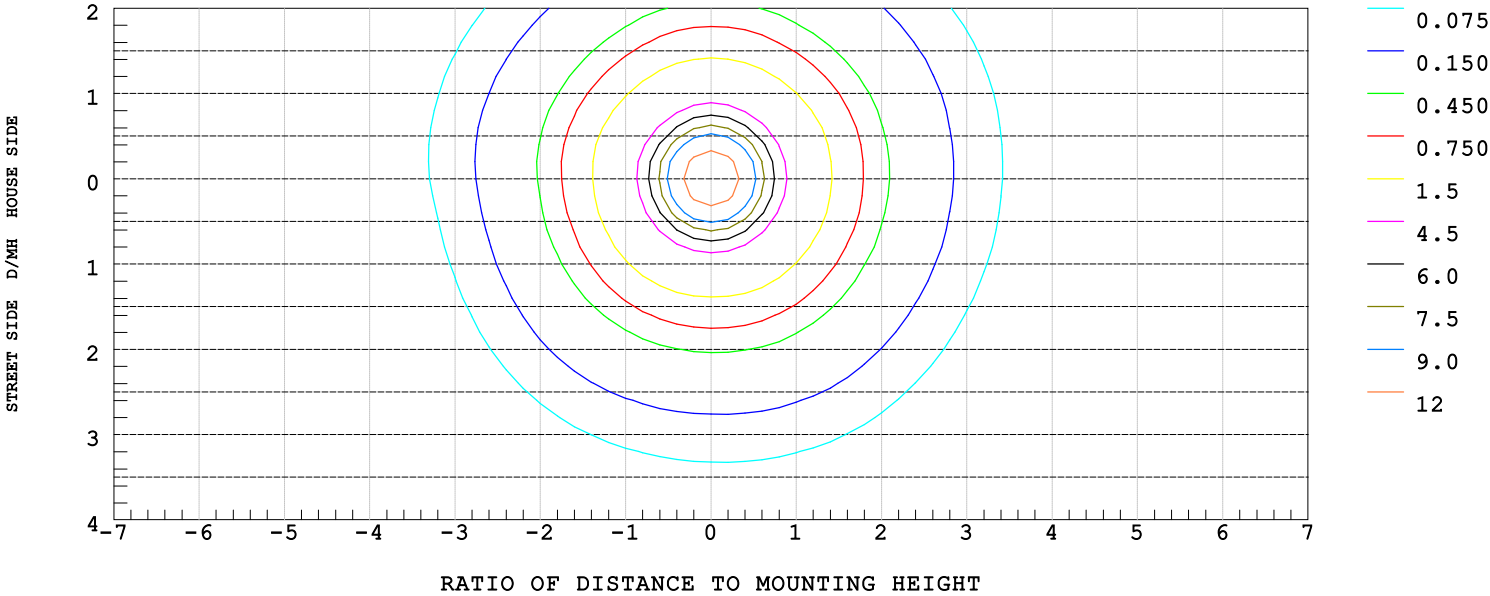
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GENSIO 60 - 2X2	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 595*595*60 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 14.97 lx



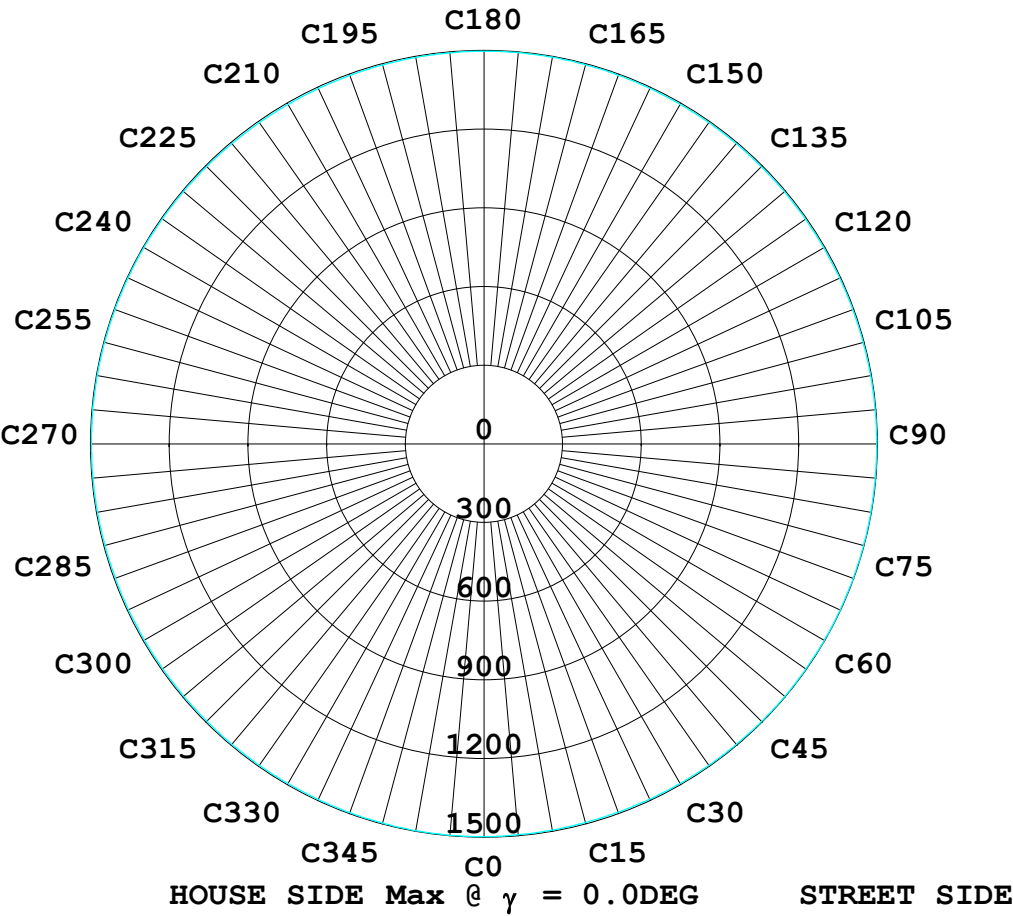
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GENSIO 60 - 2X2	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 595*595*60 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GENSIO 60 - 2X2	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 595*595*60 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1497	1495	1498	1497	1496	1495	1497	1495	1498	1497	1496	1495
5.0	1486	1484	1486	1487	1489	1490	1494	1494	1492	1493	1489	1488
10.0	1462	1456	1461	1460	1469	1468	1475	1478	1474	1474	1466	1466
15.0	1423	1414	1421	1419	1432	1430	1441	1446	1439	1439	1430	1430
20.0	1370	1360	1368	1369	1382	1382	1394	1401	1393	1392	1378	1380
25.0	1305	1291	1305	1303	1320	1320	1335	1345	1333	1334	1317	1316
30.0	1227	1216	1229	1229	1247	1248	1263	1274	1261	1263	1241	1245
35.0	1141	1129	1143	1142	1164	1165	1181	1193	1179	1180	1156	1160
40.0	1048	1032	1051	1047	1074	1071	1091	1103	1088	1089	1064	1066
45.0	946	930	948	949	974	973	992	1006	988	991	961	966
50.0	838	822	842	842	868	868	886	903	880	885	854	858
55.0	729	708	732	729	761	755	777	791	770	772	740	745
60.0	610	594	616	614	646	642	660	678	653	657	622	630
65.0	491	474	498	496	528	523	541	559	532	538	501	510
70.0	376	357	384	379	414	405	424	440	414	418	383	391
75.0	263	241	271	274	300	293	307	325	298	303	276	277
80.0	154	140	162	159	188	181	192	190	182	189	155	166
85.0	66.1	52.2	73.2	68.6	95.7	86.9	97.4	109	88.1	91.6	64.8	71.8
90.0	17.7	12.0	17.7	11.7	18.7	15.5	23.2	26.4	13.6	13.6	4.67	10.8

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
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