

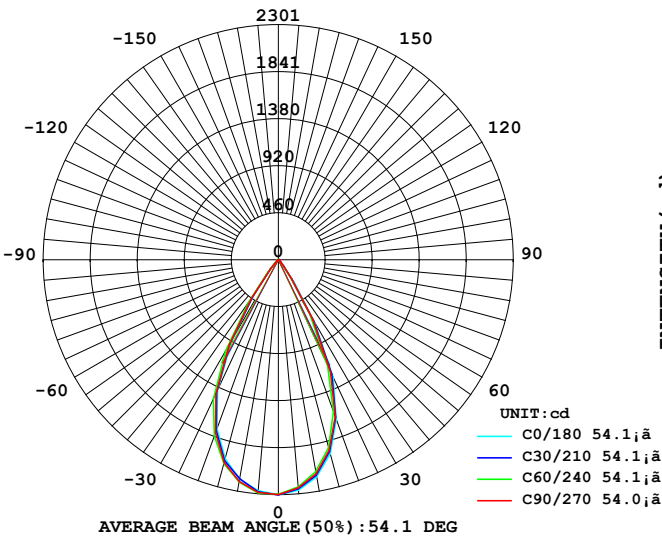
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

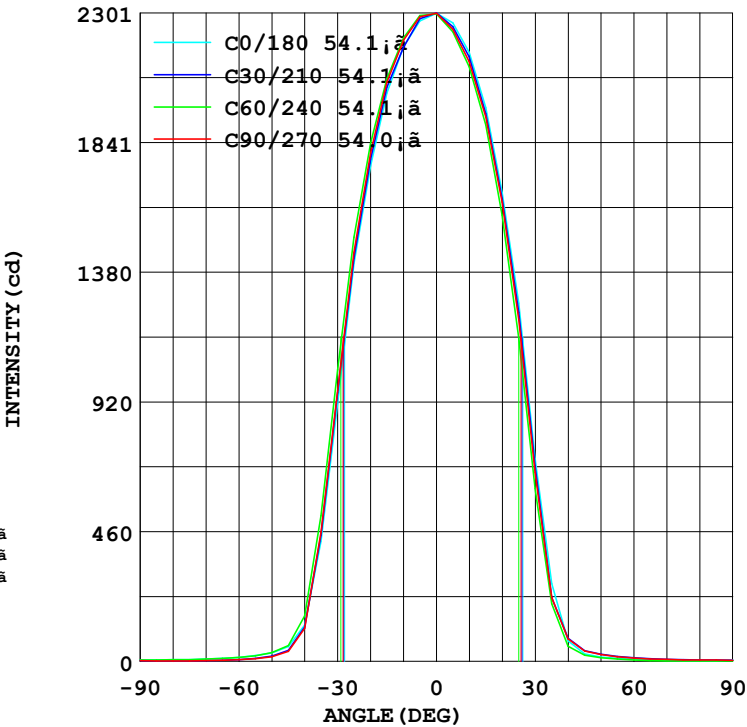
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 75 DOWNLIGHTER	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: BAG 400 MA	DIMENSION: D-88 CUTOUT-78 H-95 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	2301	S/MH (C0/180)	0.83
MODEL	GE 75	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.84
NOMINAL POWER (W)	15	TOTAL FLUX (lm)	1669.1	Voltage (V)	219.8
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	112.0	Current (A)	0.061
NOMINAL FLUX (lm)	1669.2	η up (%)	0.0	Power (W)	14.90
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.967
TEST VOLTAGE (V)	219.8	Effective Flux (lm)	1576.1	EEI	0.129

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 75 DOWNLIGHTER	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: BAG 400 MA	DIMENSION: D-88 CUTOUT-78 H-95 MM	SERIAL No.:

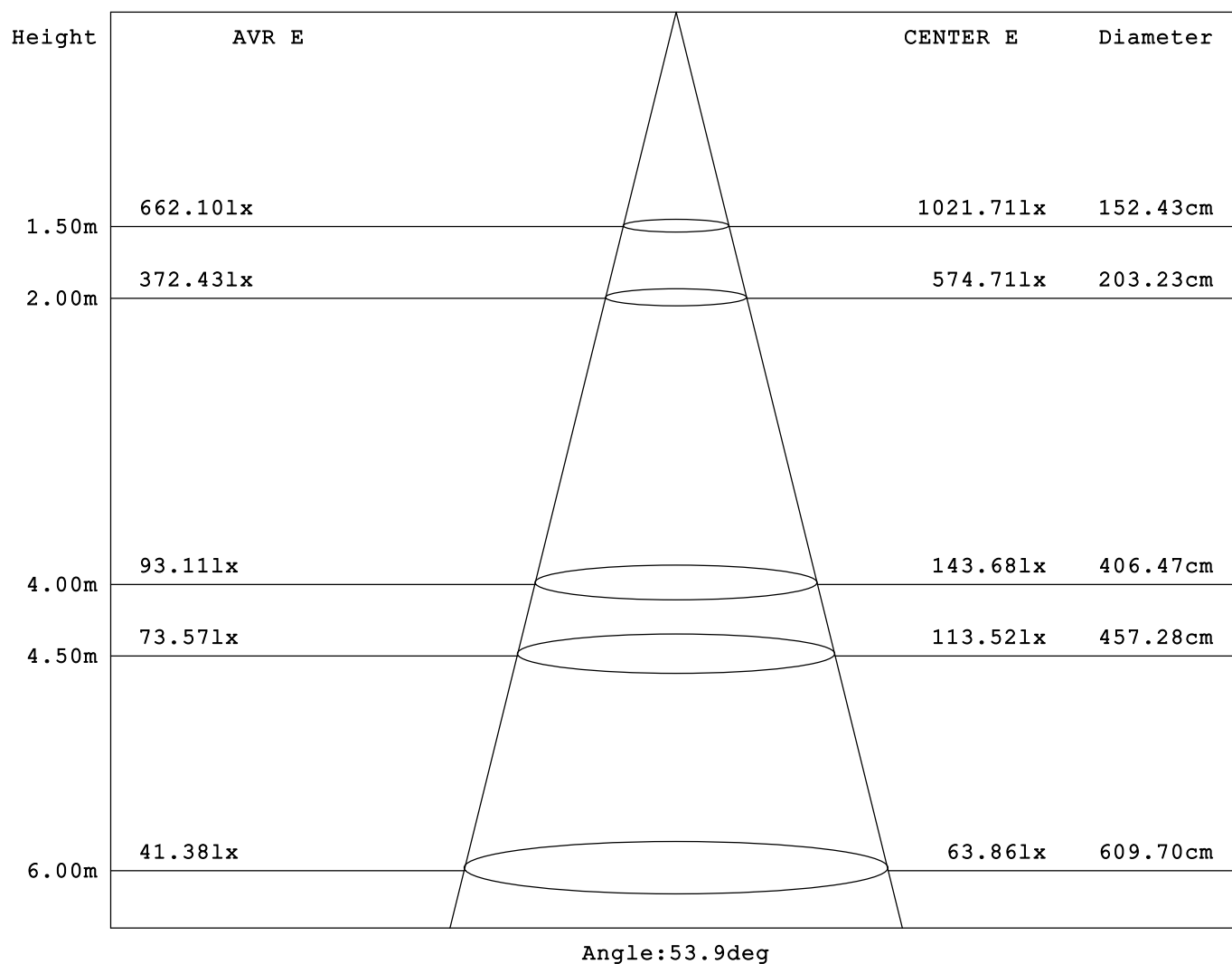
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 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: GE 75 DOWNLIGHTER	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: BAG 400 MA	DIMENSION: D-88 CUTOUT-78 H-95 MM	SERIAL No.:



Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.500 m
 Remarks: 5700K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 75 DOWNLIGHTER	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: BAG 400 MA	DIMENSION: D-88 CUTOUT-78 H-95 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	2181	2195	2203	2183	2160	2127	2127	2147	0- 10	212.9	212.9
20.0	1757	1810	1803	1742	1663	1613	1630	1683	10- 20	551.7	764.7
30.0	915.2	993.8	961.2	846.6	719.2	653.4	670.1	780.2	20- 30	591.8	1357
40.0	128.8	141.9	117.8	100.8	73.46	67.91	79.96	94.22	30- 40	246.3	1603
50.0	30.23	25.08	16.87	20.26	15.61	18.99	24.18	21.29	40- 50	37.71	1641
60.0	14.53	10.64	6.046	9.295	6.949	8.889	12.09	9.476	50- 60	13.23	1654
70.0	8.122	5.415	2.436	4.828	3.610	4.377	6.859	4.602	60- 70	6.991	1661
80.0	5.956	3.790	1.714	3.564	3.339	3.294	5.054	3.294	70- 80	4.368	1665
90.0	5.234	3.835	2.436	3.655	4.693	3.023	4.061	2.978	80- 90	3.897	1669
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:07-24-2025

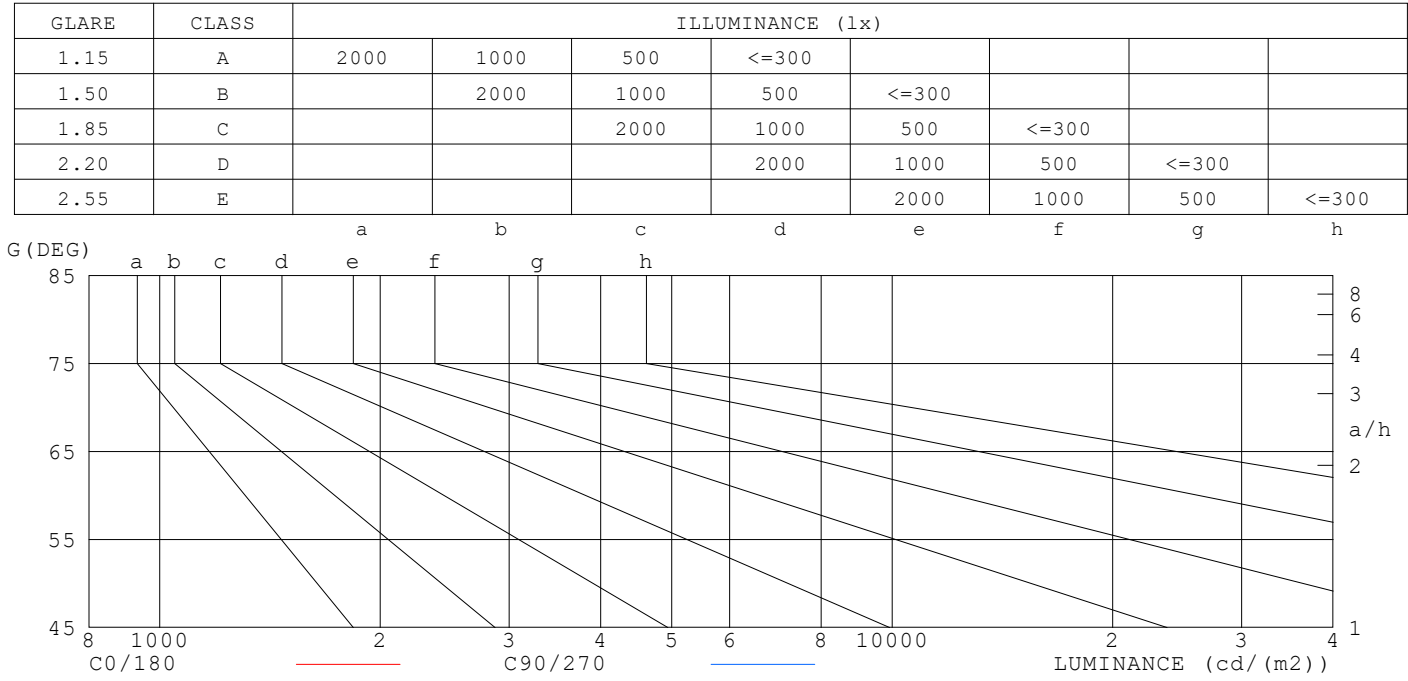
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 75 DOWNLIGHTER	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: BAG 400 MA	DIMENSION: D-88 CUTOUT-78 H-95 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	642	217
80	343	99
75	255	66
70	237	71
65	252	92
60	291	121
55	359	167
50	470	263
45	747	507

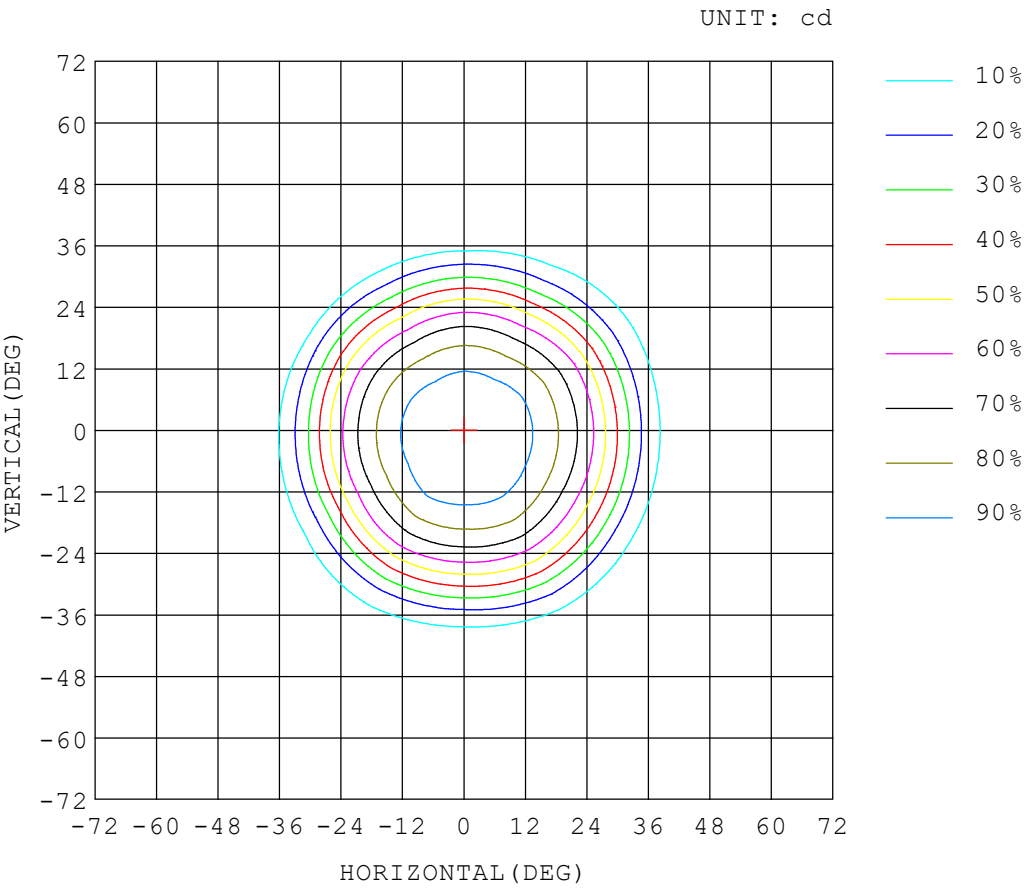
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 75 DOWNLIGHTER	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: BAG 400 MA	DIMENSION: D-88 CUTOUT-78 H-95 MM	SERIAL No.:



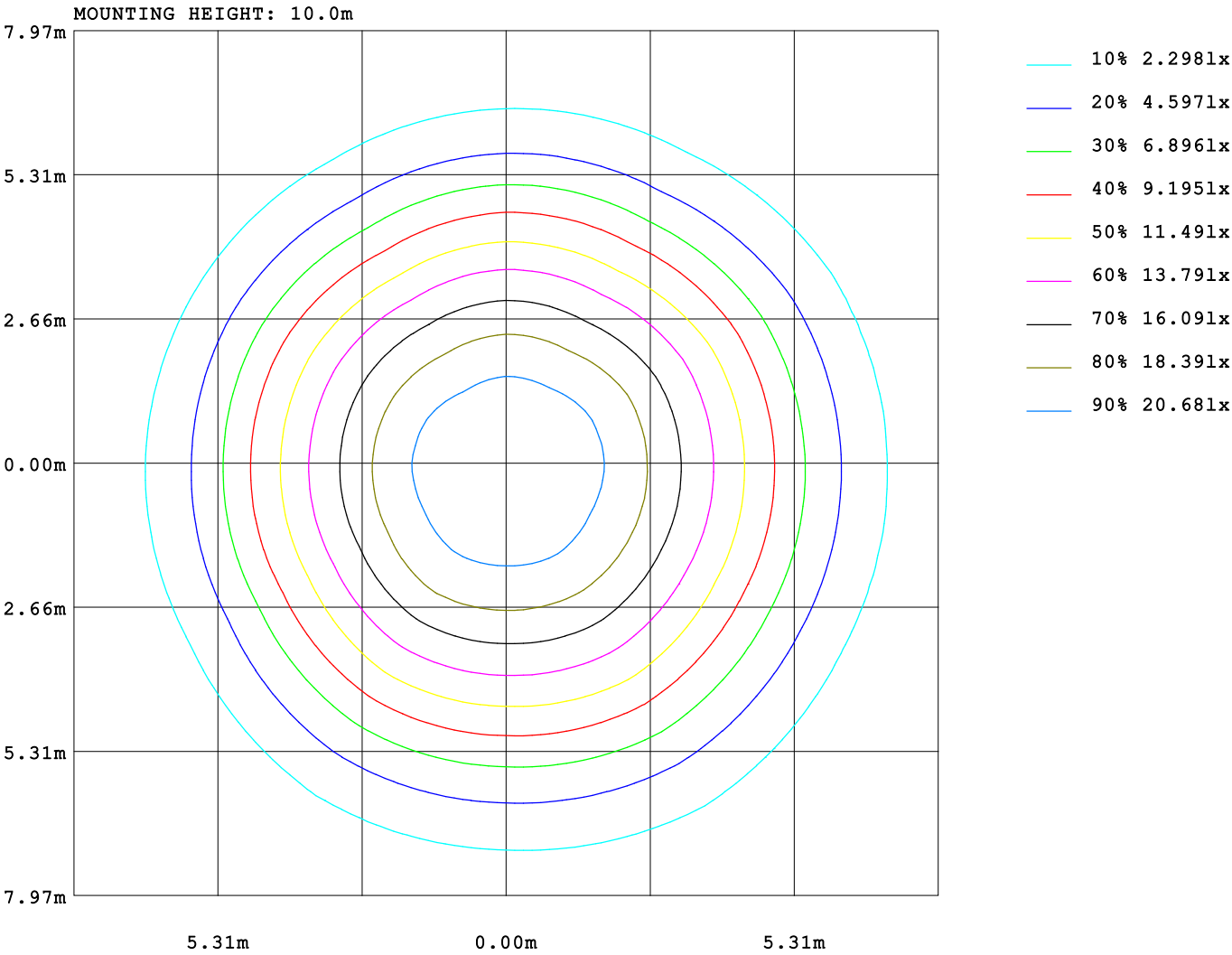
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 75 DOWNLIGHTER	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: BAG 400 MA	DIMENSION: D-88 CUTOUT-78 H-95 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																				
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019																				
NAME: GE 75 DOWNLIGHTER										TYPE: 5700K CRI-90					WEIGHT:					
SPECIFICATION: BAG 400 MA										DIMENSION: D-88 CUTOUT-78 H-95 MM					SERIAL No.:					

72	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.03	0.05	0.06	0.05	0.05	0.04	0.06	0.10	0.14	0.14	0.10	0.07	0.04	0.05	0.06	0.06	0.05	0.04	1.16	0.00		
64	0.03	0.05	0.07	0.08	0.08	0.07	0.11	0.16	0.22	0.22	0.17	0.11	0.07	0.08	0.08	0.07	0.06	0.04	1.76	0.00		
56	0.03	0.06	0.09	0.11	0.13	0.14	0.19	0.29	0.38	0.38	0.30	0.20	0.15	0.14	0.12	0.10	0.07	0.04	2.92	0.00		
48	0.03	0.06	0.12	0.17	0.22	0.27	0.36	0.61	0.86	0.89	0.67	0.41	0.31	0.25	0.19	0.13	0.08	0.05	5.66	0.00		
40	0.03	0.07	0.14	0.25	0.38	0.61	1.25	2.65	4.10	4.31	3.13	1.64	0.79	0.44	0.28	0.17	0.09	0.05	20.4	6.49		
32	0.04	0.08	0.16	0.33	0.71	1.99	5.90	11.7	16.3	16.7	12.9	7.50	2.97	0.94	0.41	0.21	0.11	0.06	79.1	70.8		
24	0.04	0.08	0.18	0.41	1.42	6.01	15.9	24.7	30.1	30.5	26.1	18.1	8.47	2.20	0.58	0.25	0.13	0.06	166	160		
VERTICAL (DEG)	0.03	0.08	0.18	0.51	2.62	11.8	24.9	34.1	38.7	39.0	35.1	27.1	14.6	4.17	0.82	0.29	0.14	0.07	235	230		
	0.03	0.07	0.18	0.57	3.87	15.5	29.3	38.7	43.0	43.2	39.5	31.1	18.4	5.80	1.00	0.32	0.15	0.07	271	267		
	0.03	0.07	0.16	0.55	4.00	15.8	29.6	39.1	43.6	43.8	39.8	31.4	18.7	5.93	1.00	0.31	0.14	0.07	274	270		
	0.03	0.06	0.15	0.45	2.89	12.6	26.1	36.1	41.0	41.1	37.0	28.3	15.6	4.42	0.78	0.26	0.12	0.06	247	243		
-24	0.03	0.05	0.12	0.30	1.48	7.42	19.0	29.2	34.0	34.3	30.4	21.4	9.91	2.32	0.49	0.20	0.10	0.05	191	186		
	0.02	0.05	0.09	0.20	0.63	2.96	9.45	17.1	21.6	22.1	18.6	11.3	4.09	0.93	0.29	0.15	0.08	0.04	110	104		
-32	0.02	0.04	0.07	0.14	0.33	0.91	2.60	5.29	7.47	7.77	6.02	3.27	1.19	0.44	0.18	0.10	0.06	0.04	35.9	24.9		
-40	0.02	0.03	0.05	0.11	0.22	0.41	0.69	0.97	1.14	1.20	1.10	0.81	0.49	0.26	0.13	0.07	0.04	0.03	7.78	0.00		
-48	0.02	0.02	0.04	0.08	0.16	0.26	0.33	0.33	0.31	0.32	0.36	0.36	0.29	0.18	0.10	0.05	0.03	0.03	3.26	0.00		
-56	0.02	0.02	0.03	0.07	0.12	0.18	0.19	0.17	0.14	0.15	0.18	0.20	0.19	0.13	0.07	0.04	0.02	0.02	1.94	0.00		
-64	0.02	0.02	0.03	0.05	0.09	0.12	0.12	0.10	0.07	0.08	0.10	0.13	0.13	0.09	0.06	0.03	0.02	0.02	1.29	0.00		
-72																						
-72 -64 -56 -48 -40 -32 -24 -16 HORIZONTAL (DEG) 16 24 32 40 48 56 64 72																						
Φ t	0.50	0.96	1.91	4.44	19.4	77.2	166	242	284	287	252	184	96.6	28.7	6.65	2.80	1.50	0.84	1669			
Φ a	0.00	0.00	0.00	0.00	8.07	69.3	160	236	278	281	246	177	89.6	18.6	0.00	0.00	0.00	0.00		1576		

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

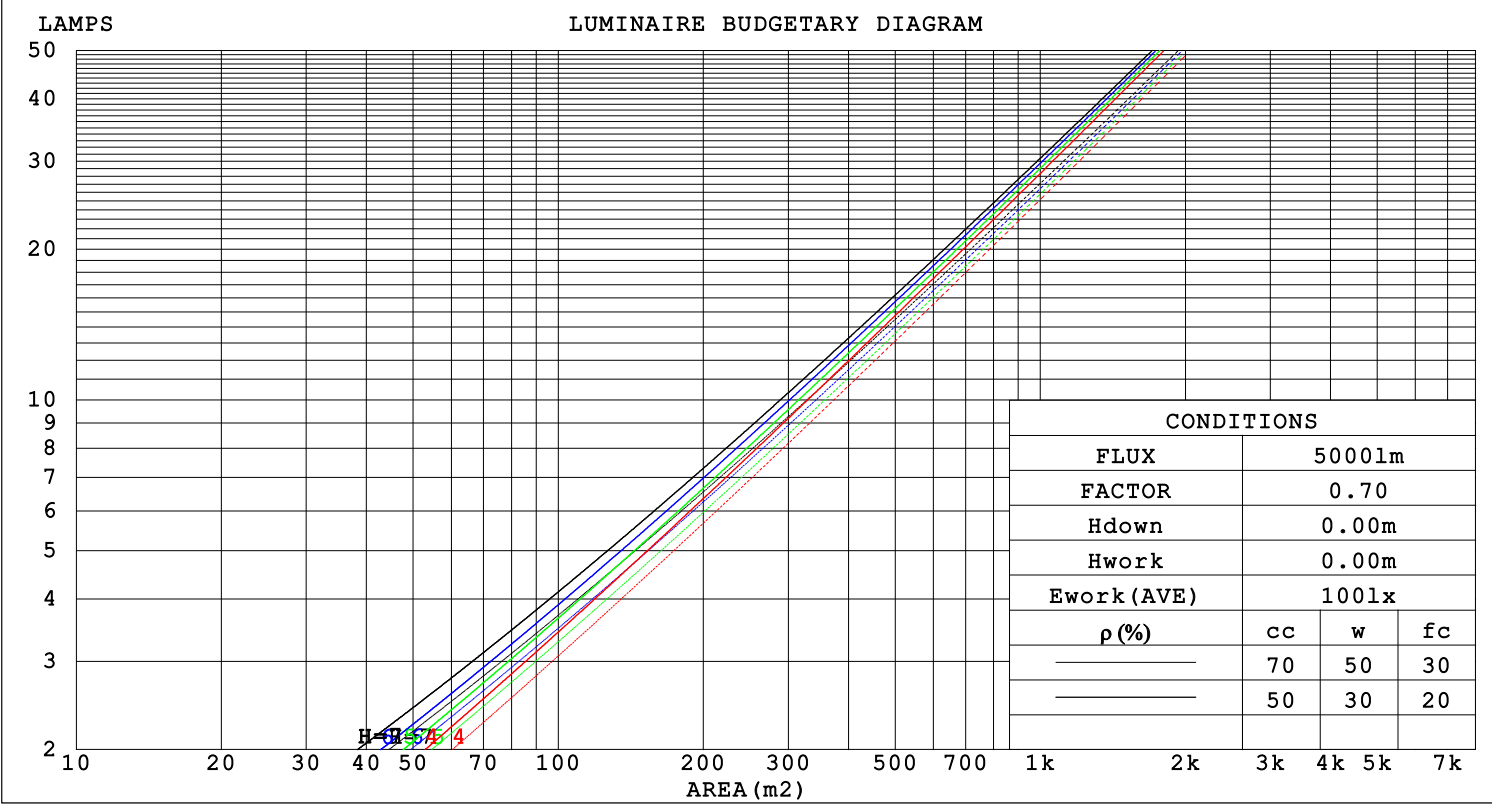
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019															
NAME: GE 75 DOWNLIGHTER								TYPE: 5700K CRI-90				WEIGHT:			
SPECIFICATION: BAG 400 MA								DIMENSION: D-88 CUTOUT-78 H-95 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	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.02	1.01	.00	.99	.98	.97	.96	.94
2.0	1.04	1.00	.97	1.02	.99	.96	.99	.96	.94	.96	.94	.92	.93	.91	.90	.88
3.0	.98	.93	.89	.96	.92	.88	.94	.90	.87	.91	.88	.86	.89	.86	.84	.83
4.0	.92	.87	.83	.91	.86	.82	.89	.84	.81	.87	.83	.80	.85	.82	.79	.78
5.0	.87	.81	.77	.86	.81	.77	.84	.79	.76	.82	.78	.75	.81	.77	.75	.73
6.0	.82	.76	.72	.81	.76	.72	.80	.75	.71	.78	.74	.71	.77	.73	.71	.69
7.0	.77	.72	.68	.77	.71	.68	.76	.71	.67	.74	.70	.67	.73	.70	.67	.65
8.0	.73	.68	.64	.73	.68	.64	.72	.67	.64	.71	.66	.63	.70	.66	.63	.62
9.0	.70	.64	.60	.69	.64	.60	.68	.64	.60	.67	.63	.60	.67	.63	.60	.59
10.0	.66	.61	.57	.66	.61	.57	.65	.60	.57	.64	.60	.57	.64	.60	.57	.56



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019														
NAME: GE 75 DOWNLIGHTER								TYPE: 5700K CRI-90				WEIGHT:		
SPECIFICATION: BAG 400 MA								DIMENSION: D-88 CUTOUT-78 H-95 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	.171	.098	.031	.165	.094	.030	.152	.087	.028	.141	.081	.026	.130	.075	.024	
2.0	.162	.089	.027	.156	.086	.027	.146	.081	.025	.136	.076	.024	.127	.072	.023	
3.0	.153	.082	.024	.149	.080	.024	.140	.076	.023	.131	.072	.022	.124	.069	.021	
4.0	.146	.076	.022	.142	.074	.022	.134	.071	.021	.127	.068	.021	.120	.065	.020	
5.0	.139	.071	.020	.135	.069	.020	.128	.067	.020	.122	.064	.019	.116	.062	.019	
6.0	.132	.066	.019	.129	.065	.019	.123	.063	.018	.118	.061	.018	.113	.059	.018	
7.0	.126	.062	.018	.124	.062	.018	.118	.060	.017	.114	.058	.017	.109	.057	.017	
8.0	.121	.059	.017	.119	.058	.017	.114	.057	.016	.110	.056	.016	.106	.054	.016	
9.0	.116	.056	.016	.114	.056	.016	.110	.054	.015	.106	.053	.015	.102	.052	.015	
10.0	.112	.053	.015	.110	.053	.015	.106	.052	.015	.102	.051	.014	.099	.050	.014	

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	.171	.157	.145	.146	.135	.125	.100	.093	.086	.058	.054	.050	.018	.017	.016	
2.0	.155	.133	.114	.133	.114	.098	.091	.079	.069	.052	.046	.040	.017	.015	.013	
3.0	.142	.114	.091	.122	.098	.079	.084	.068	.055	.048	.040	.033	.016	.013	.011	
4.0	.131	.099	.074	.113	.085	.064	.077	.059	.045	.045	.035	.027	.014	.011	.009	
5.0	.122	.087	.061	.105	.075	.053	.072	.053	.037	.042	.031	.022	.014	.010	.007	
6.0	.115	.078	.051	.099	.067	.044	.068	.047	.031	.039	.028	.019	.013	.009	.006	
7.0	.108	.070	.043	.093	.061	.038	.064	.042	.027	.037	.025	.016	.012	.008	.005	
8.0	.102	.064	.037	.088	.055	.032	.061	.039	.023	.035	.023	.014	.011	.007	.005	
9.0	.097	.058	.032	.084	.051	.028	.058	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.093	.054	.028	.080	.047	.024	.055	.033	.017	.032	.019	.010	.010	.006	.003	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019											
NAME: GE 75 DOWNLIGHTER					TYPE: 5700K CRI-90			WEIGHT:			
SPECIFICATION: BAG 400 MA					DIMENSION: D-88 CUTOUT-78 H-95 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		7.2	8.1	7.4	8.2	8.4	7.9	8.8	8.2	9.0	9.2
	3H	7.1	7.9	7.3	8.1	8.3	7.8	8.6	8.1	8.8	9.0
	4H	7.1	7.9	7.3	8.1	8.3	7.7	8.5	8.0	8.7	9.0
	6H	7.1	7.8	7.4	8.1	8.3	7.7	8.4	8.0	8.6	8.9
	8H	7.2	7.9	7.5	8.1	8.4	7.7	8.4	8.0	8.6	8.9
	12H	7.3	8.0	7.6	8.3	8.5	7.6	8.3	8.0	8.6	8.8
4H	2H	7.0	7.7	7.2	8.0	8.2	7.7	8.5	8.0	8.7	8.9
	3H	6.9	7.5	7.2	7.8	8.1	7.6	8.3	7.9	8.6	8.8
	4H	6.9	7.5	7.2	7.8	8.1	7.6	8.2	7.9	8.5	8.8
	6H	7.0	7.5	7.3	7.8	8.2	7.6	8.1	7.9	8.4	8.8
	8H	7.1	7.6	7.5	7.9	8.3	7.6	8.1	8.0	8.4	8.8
	12H	7.3	7.8	7.7	8.1	8.5	7.6	8.0	8.0	8.4	8.8
8H	4H	6.8	7.3	7.2	7.6	8.0	7.5	8.0	7.9	8.3	8.7
	6H	6.9	7.3	7.3	7.7	8.1	7.6	8.0	8.0	8.4	8.8
	8H	7.0	7.4	7.5	7.8	8.2	7.6	8.0	8.1	8.4	8.8
	12H	7.4	7.7	7.8	8.1	8.6	7.7	8.1	8.2	8.5	9.0
12H	4H	6.7	7.2	7.2	7.6	8.0	7.4	7.9	7.9	8.3	8.7
	6H	6.9	7.2	7.3	7.6	8.1	7.5	7.9	8.0	8.3	8.7
	8H	7.0	7.3	7.5	7.8	8.2	7.7	8.0	8.1	8.4	8.9
Variations with the observer position at spacings:											
S = 1.0H		+ 2.3 / - 2.8					+ 2.4 / - 3.3				
1.5H		+ 4.3 / - 3.3					+ 4.4 / - 3.6				
2.0H		+ 3.2 / - 1.4					+ 1.3 / - 1.4				

CIE Pub.117 Corrected 1669 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.8)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 75 DOWNLIGHTER	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: BAG 400 MA	DIMENSION: D-88 CUTOUT-78 H-95 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) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	79	89	83	79	88	83	79	76
0.80	96	91	87	96	90	87	94	90	87	83
1.00	100	95	92	100	95	91	98	94	91	87
1.25	104	99	96	103	99	95	101	97	95	91
1.50	107	102	99	105	101	98	103	100	97	93
2.00	109	105	102	108	104	101	105	102	100	95
2.50	111	107	104	109	106	103	106	103	101	96
3.00	112	109	106	110	107	105	107	105	103	97
4.00	114	111	109	112	110	108	108	107	105	98
5.00	115	113	111	113	111	110	109	108	107	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

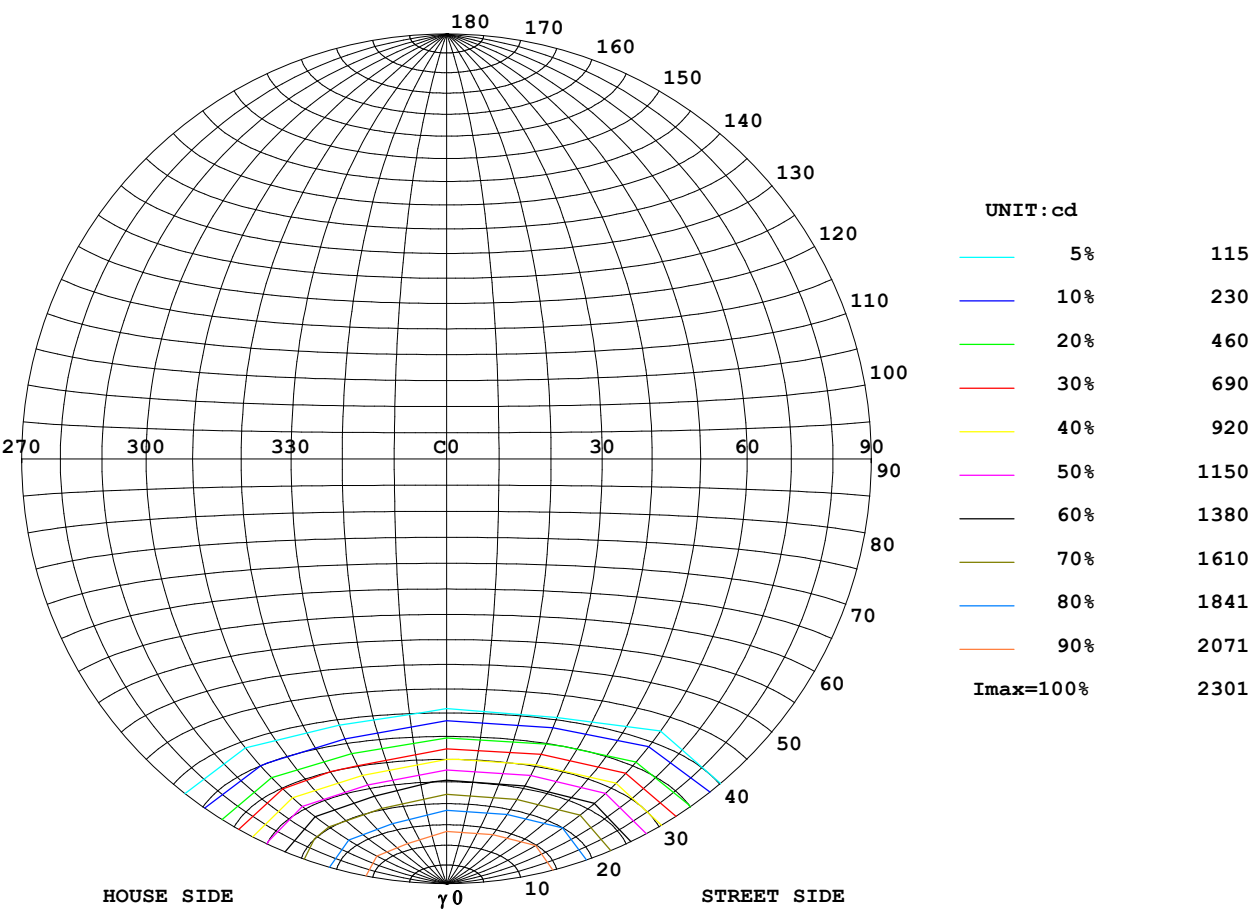
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 07-24-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.500 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 75 DOWNLIGHTER	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: BAG 400 MA	DIMENSION: D-88 CUTOUT-78 H-95 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

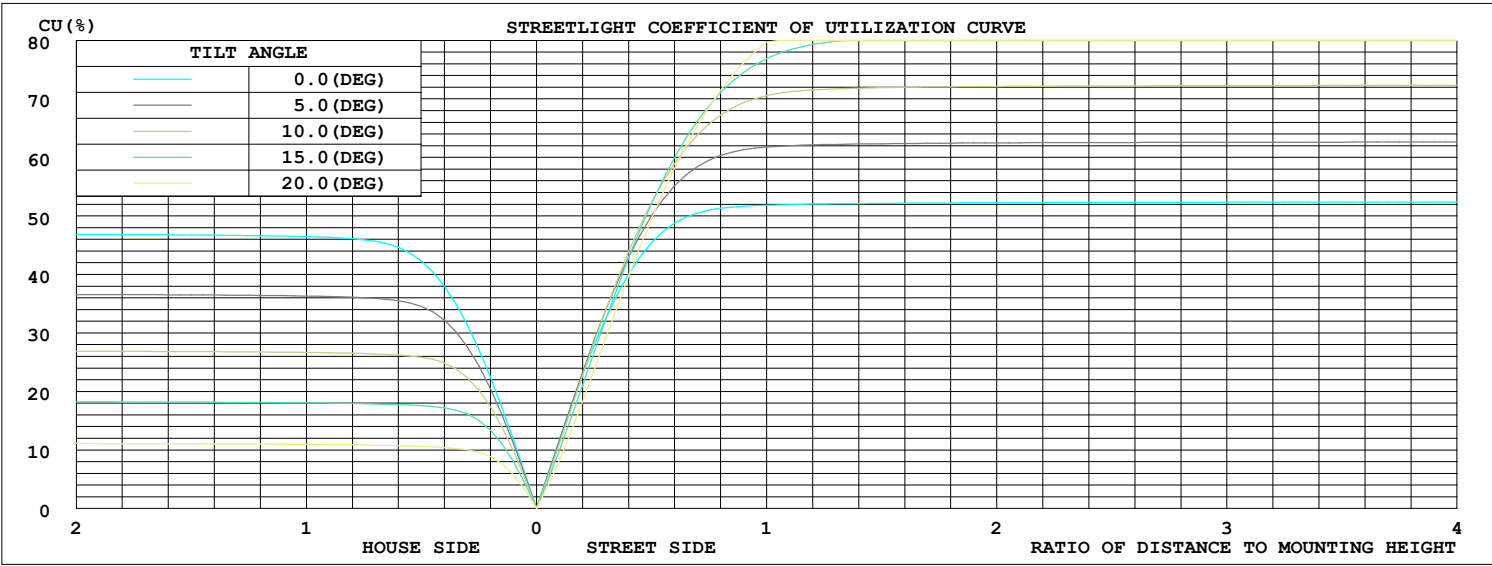
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 75 DOWNLIGHTER	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: BAG 400 MA	DIMENSION: D-88 CUTOUT-78 H-95 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 22.99 lx



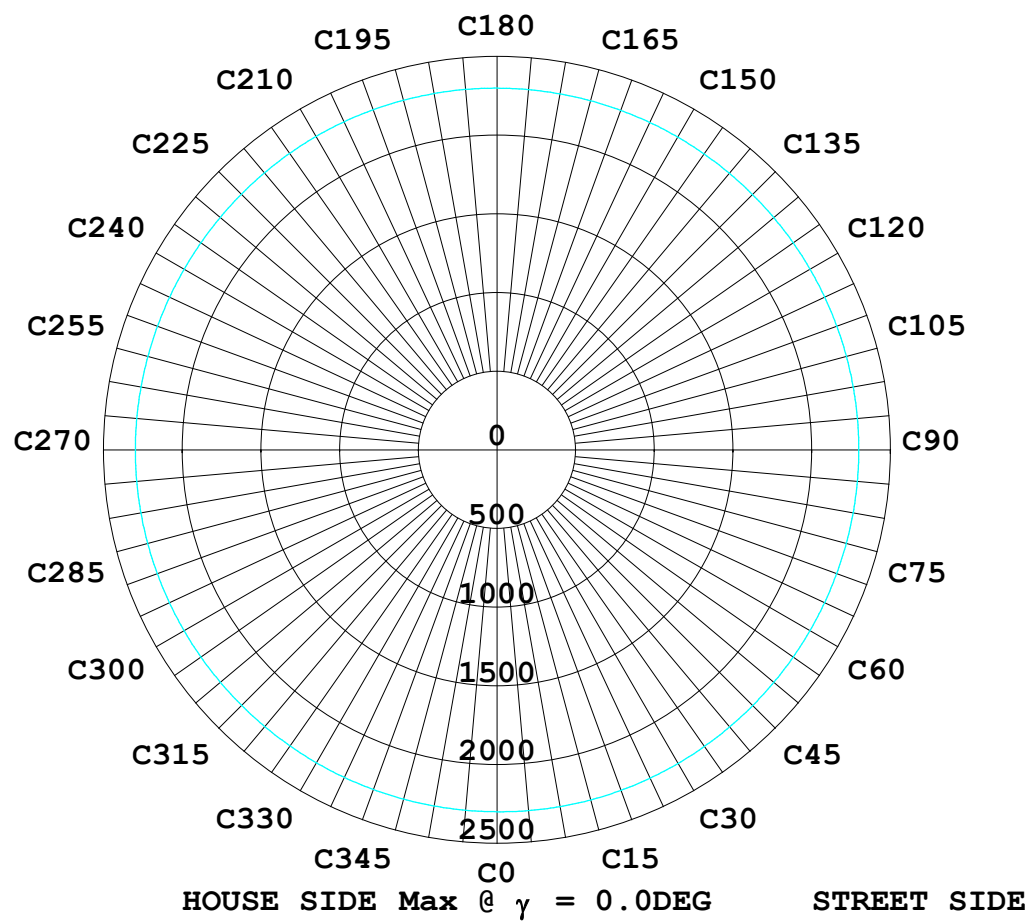
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 75 DOWNLIGHTER	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: BAG 400 MA	DIMENSION: D-88 CUTOUT-78 H-95 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 75 DOWNLIGHTER	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: BAG 400 MA	DIMENSION: D-88 CUTOUT-78 H-95 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	2299	2301	2296	2298	2297	2296	2299	2301	2296	2298	2297	2296
5.0	2271	2279	2291	2287	2286	2266	2265	2251	2233	2243	2242	2262
10.0	2181	2178	2211	2203	2203	2163	2160	2144	2109	2127	2127	2168
15.0	2016	2036	2067	2055	2060	1987	1964	1942	1903	1931	1932	2004
20.0	1757	1781	1838	1803	1796	1688	1663	1642	1583	1630	1630	1735
25.0	1411	1431	1505	1451	1438	1297	1270	1238	1147	1212	1232	1377
30.0	915	953	1035	961	930	763	719	693	614	670	700	861
35.0	426	447	517	458	433	297	276	226	205	226	267	391
40.0	129	122	162	118	125	76.9	73.4	81.8	53.9	79.9	70.8	118
45.0	52.7	38.8	56.4	35.8	47.8	26.0	26.9	37.9	21.7	36.8	25.9	48.1
50.0	30.2	18.8	31.3	16.8	26.9	13.5	15.6	24.9	12.9	24.1	14.1	28.4
55.0	20.5	10.9	20.1	9.56	18.3	8.30	10.3	17.5	8.21	16.9	8.75	19.3
60.0	14.5	6.76	14.5	6.04	13.3	5.23	6.94	12.7	5.05	12.0	5.32	13.6
65.0	10.6	4.24	10.6	3.88	9.92	3.24	4.87	9.29	2.97	9.02	3.15	9.83
70.0	8.12	2.70	8.12	2.43	7.67	1.98	3.61	6.94	1.80	6.85	1.80	7.40
75.0	6.58	1.89	6.40	1.71	6.13	1.62	3.15	5.68	1.44	5.59	1.35	5.86
80.0	5.95	1.89	5.68	1.71	5.50	1.62	3.33	5.14	1.44	5.05	1.35	5.23
85.0	5.59	2.07	5.23	1.89	5.14	1.89	3.33	4.69	1.44	4.60	1.44	4.69
90.0	5.23	2.79	4.87	2.43	4.78	2.52	4.69	4.15	1.89	4.06	1.80	4.15

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
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Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
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