

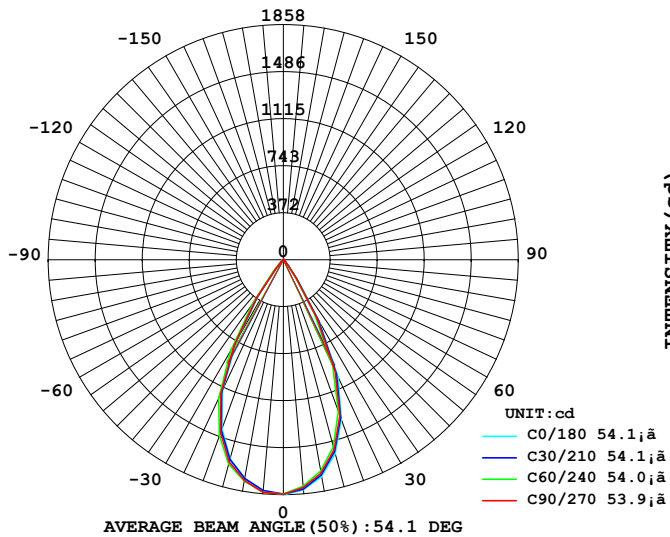
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

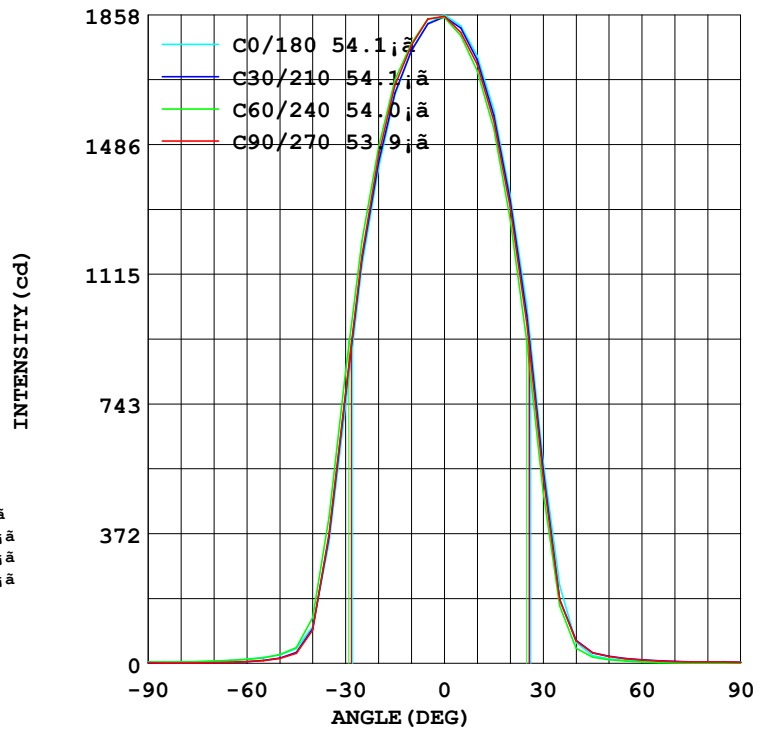
MANUFACTURER: DIVINITY LIGHTS		
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 75 DOWNLIGHTER	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: BAG 400 MA	DIMENSION: D-88 CUTOUT-78 H-95 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	1858	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)	1344.9	Voltage (V)	219.8
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	90.3	Current (A)	0.071
NOMINAL FLUX (lm)	1344.9	η up (%)	0.0	Power (W)	14.90
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.974
TEST VOLTAGE (V)	219.8	Effective Flux (lm)	1269.6	EEI	0.159

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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: 8.500 m
 Remarks: 3000K

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: 3000K CRI-90	WEIGHT:
SPECIFICATION: BAG 400 MA	DIMENSION: D-88 CUTOUT-78 H-95 MM	SERIAL No.:

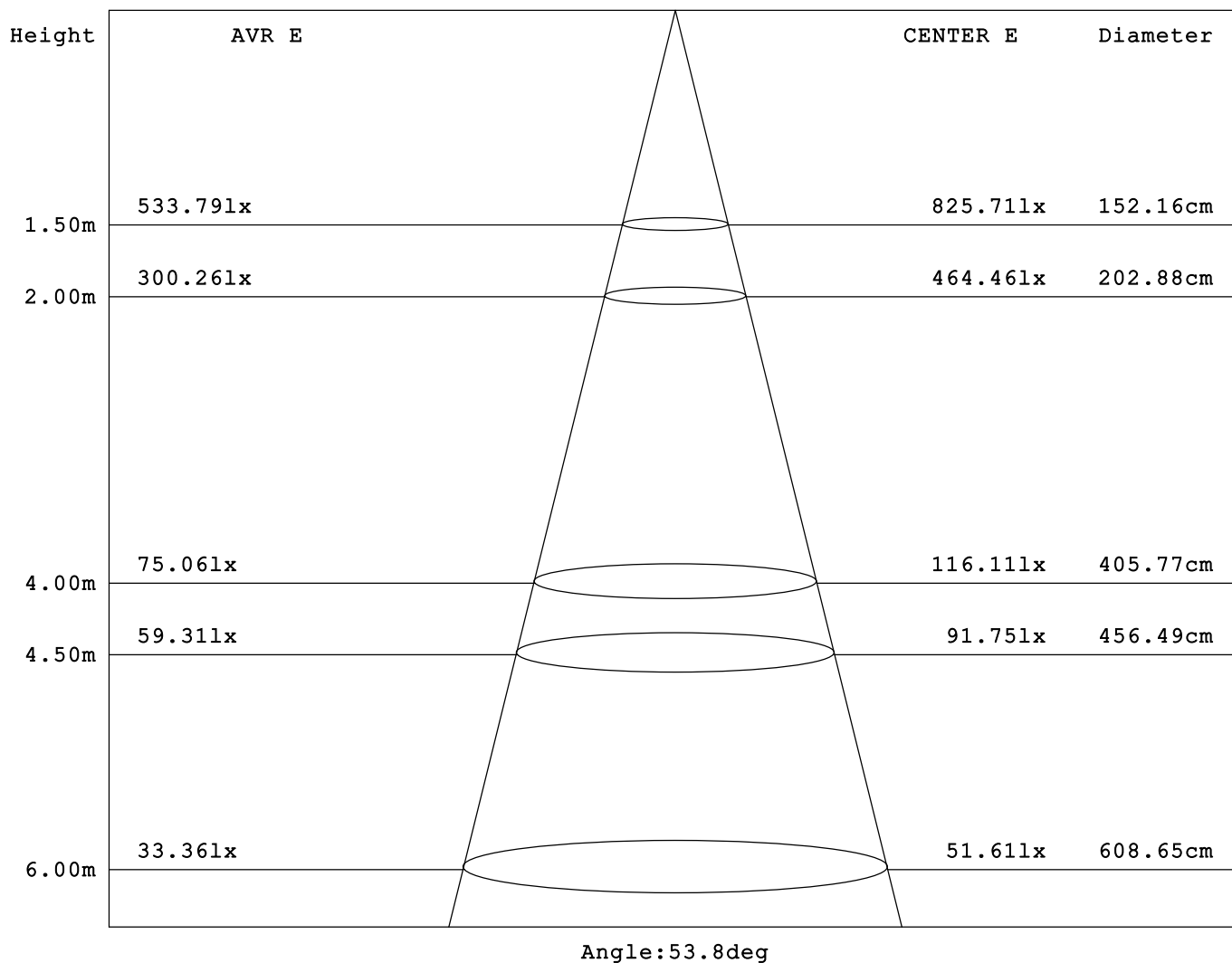
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

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: 3000K 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: 8.500 m
 Remarks: 3000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 75 DOWNLIGHTER	TYPE: 3000K 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	1757	1766	1772	1755	1741	1713	1716	1725	0- 10	171.4	171.4
20.0	1420	1457	1455	1399	1343	1300	1309	1353	10- 20	444.2	615.7
30.0	740.0	803.6	776.6	681.9	580.9	525.4	537.8	627.5	20- 30	476.6	1092
40.0	104.7	115.2	95.87	81.46	59.82	54.98	64.44	76.15	30- 40	198.8	1291
50.0	24.63	20.37	13.79	16.43	12.86	15.38	19.50	17.26	40- 50	30.60	1322
60.0	11.92	8.633	4.985	7.514	5.707	7.116	9.753	7.658	50- 60	10.74	1333
70.0	6.574	4.298	1.878	3.937	2.962	3.504	5.491	3.757	60- 70	5.650	1338
80.0	4.840	3.034	1.372	2.890	2.601	2.601	4.046	2.637	70- 80	3.499	1342
90.0	4.262	3.070	2.023	2.962	3.757	2.420	3.251	2.420	80- 90	3.130	1345
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:8.500 m
Remarks: 3000K

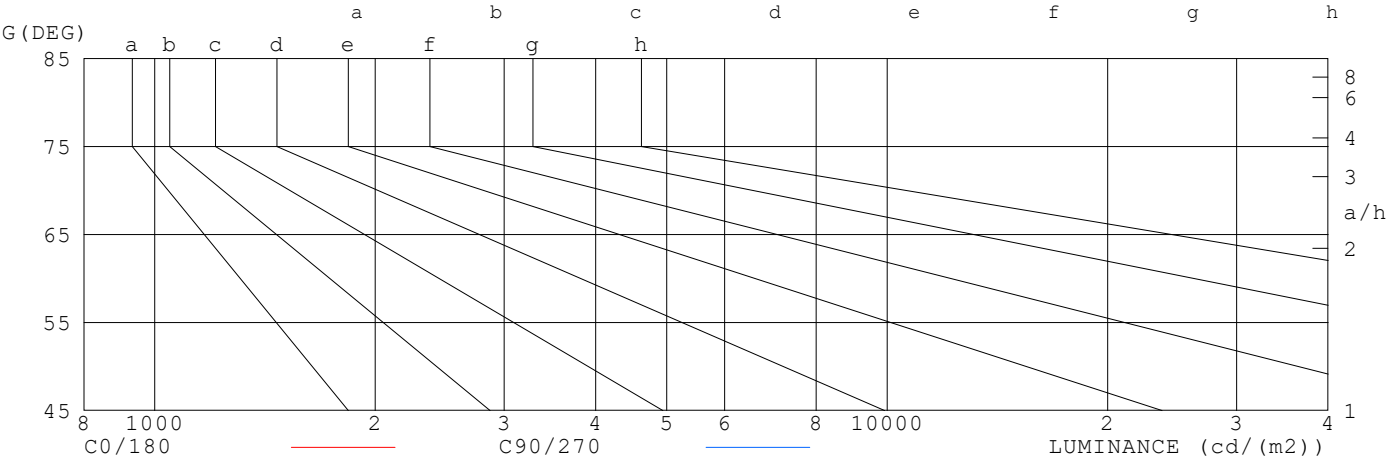
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 75 DOWNLIGHTER	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: BAG 400 MA	DIMENSION: D-88 CUTOUT-78 H-95 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	514	174
80	279	79
75	204	53
70	192	55
65	205	72
60	238	100
55	291	139
50	383	215
45	606	414

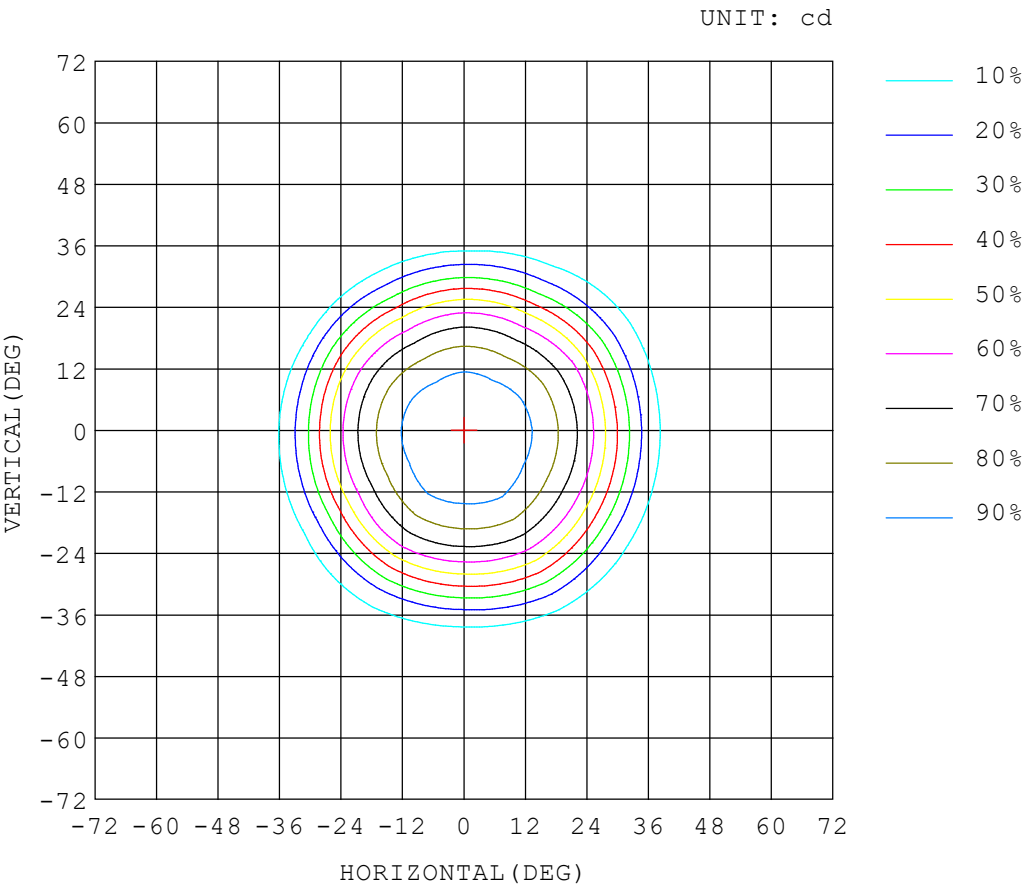
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 75 DOWNLIGHTER	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: BAG 400 MA	DIMENSION: D-88 CUTOUT-78 H-95 MM	SERIAL No.:



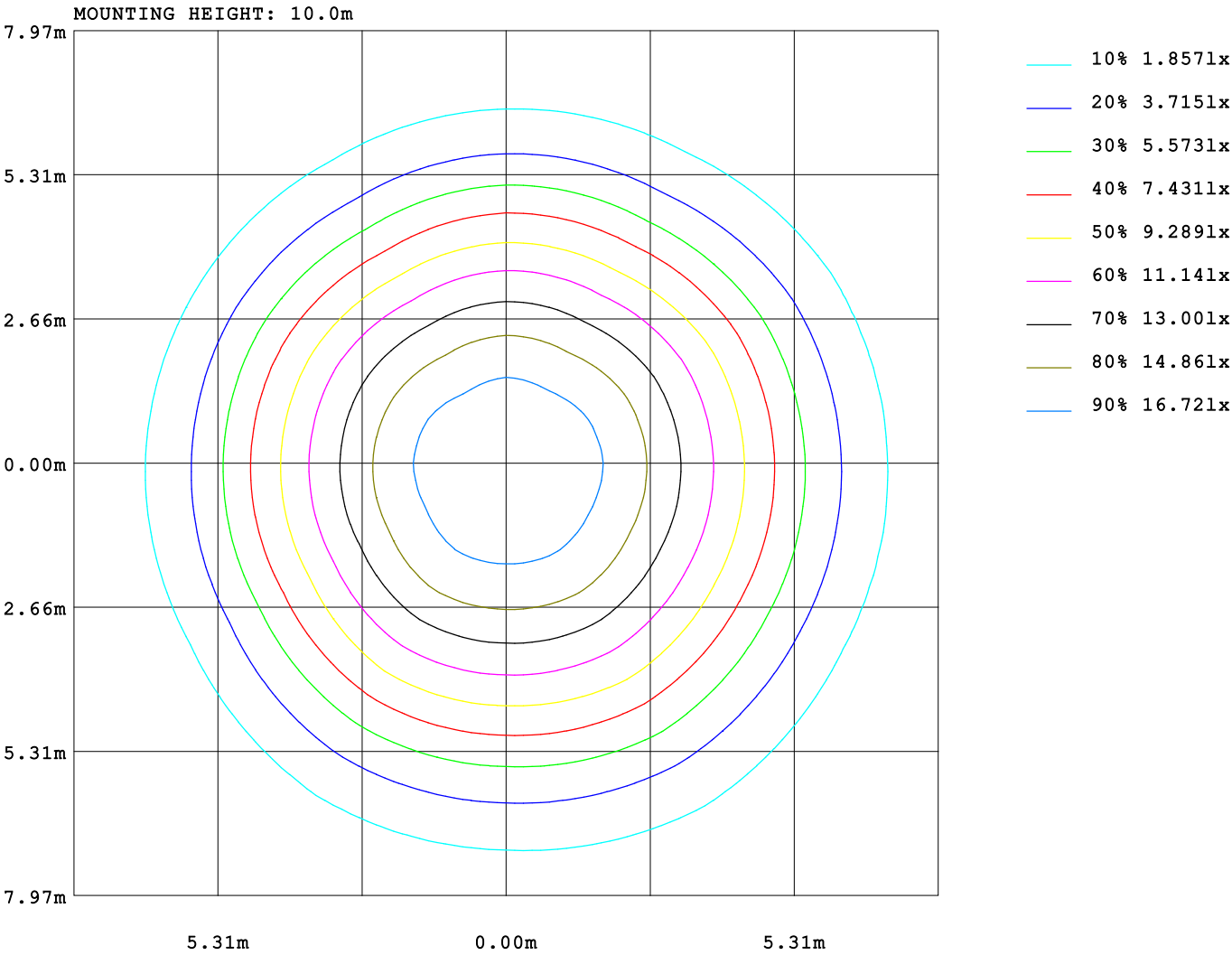
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 75 DOWNLIGHTER	TYPE: 3000K 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:8.500 m
Remarks: 3000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																			
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019																			
NAME: GE 75 DOWNLIGHTER										TYPE: 3000K CRI-90					WEIGHT:				
SPECIFICATION: BAG 400 MA										DIMENSION: D-88 CUTOUT-78 H-95 MM					SERIAL No.:				

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm	Φ t	Φ a
	72	64	56	48	40	32	24	16	8	0	-8	-16	-24	-32	-40	-48	-56	-64	-72		
72	0.03	0.04	0.04	0.04	0.04	0.03	0.05	0.08	0.11	0.11	0.08	0.05	0.03	0.04	0.04	0.05	0.04	0.03	0.94	0.00	
64	0.03	0.04	0.06	0.06	0.06	0.06	0.09	0.13	0.18	0.18	0.14	0.09	0.06	0.06	0.06	0.06	0.05	0.03	1.42	0.00	
56	0.03	0.05	0.07	0.09	0.11	0.11	0.15	0.23	0.31	0.31	0.24	0.16	0.12	0.11	0.10	0.08	0.05	0.04	2.36	0.00	
48	0.03	0.05	0.10	0.14	0.18	0.22	0.29	0.49	0.69	0.72	0.54	0.33	0.25	0.20	0.15	0.11	0.06	0.04	4.58	0.00	
40	0.03	0.06	0.11	0.20	0.31	0.50	1.01	2.13	3.29	3.47	2.51	1.32	0.64	0.36	0.23	0.14	0.08	0.04	16.4	5.21	
32	0.03	0.06	0.13	0.27	0.57	1.60	4.75	9.43	13.1	13.4	10.4	6.03	2.39	0.76	0.33	0.17	0.09	0.05	63.6	56.8	
24	0.03	0.07	0.14	0.33	1.15	4.83	12.8	19.9	24.2	24.5	21.0	14.6	6.82	1.78	0.47	0.21	0.10	0.05	133	128	
	0.03	0.06	0.15	0.42	2.12	9.50	20.1	27.4	31.2	31.4	28.2	21.8	11.8	3.37	0.67	0.24	0.11	0.05	189	185	
	0.03	0.06	0.14	0.47	3.13	12.5	23.6	31.2	34.6	34.7	31.7	25.1	14.8	4.70	0.82	0.26	0.12	0.05	219	215	
	0.02	0.06	0.13	0.45	3.23	12.7	23.9	31.4	35.1	35.3	32.0	25.4	15.1	4.80	0.81	0.25	0.11	0.05	221	218	
	0.02	0.05	0.12	0.37	2.33	10.1	21.0	29.0	33.0	33.1	29.8	22.8	12.6	3.59	0.64	0.21	0.10	0.05	199	196	
-24	0.02	0.04	0.10	0.25	1.19	5.98	15.3	23.5	27.3	27.6	24.5	17.2	8.01	1.88	0.40	0.17	0.08	0.04	154	150	
-32	0.02	0.04	0.08	0.16	0.51	2.39	7.61	13.8	17.4	17.8	15.0	9.17	3.31	0.75	0.24	0.12	0.07	0.04	88.7	84.1	
-40	0.02	0.03	0.06	0.11	0.27	0.73	2.10	4.27	6.04	6.30	4.88	2.65	0.97	0.35	0.15	0.08	0.05	0.03	29.1	20.2	
-48	0.01	0.02	0.04	0.09	0.18	0.34	0.56	0.79	0.93	0.98	0.90	0.66	0.40	0.21	0.11	0.05	0.04	0.03	6.32	0.00	
-56	0.01	0.02	0.03	0.07	0.13	0.21	0.27	0.27	0.25	0.26	0.29	0.29	0.23	0.15	0.08	0.04	0.03	0.02	2.65	0.00	
-64	0.01	0.01	0.03	0.05	0.09	0.14	0.15	0.14	0.12	0.12	0.15	0.17	0.15	0.10	0.06	0.03	0.02	0.02	1.57	0.00	
-72	0.01	0.01	0.02	0.04	0.07	0.10	0.10	0.08	0.06	0.06	0.08	0.10	0.10	0.08	0.05	0.03	0.02	0.02	1.03	0.00	
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)	16	24	32	40	48	56	64	72				
Φ t	0.40	0.78	1.55	3.62	15.6	62.3	134	195	228	231	203	148	78.0	23.3	5.39	2.27	1.21	0.68	1345		
Φ a	0.00	0.00	0.00	0.00	6.52	55.8	129	190	223	226	198	143	72.3	15.0	0.00	0.00	0.00	0.00		1270	

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

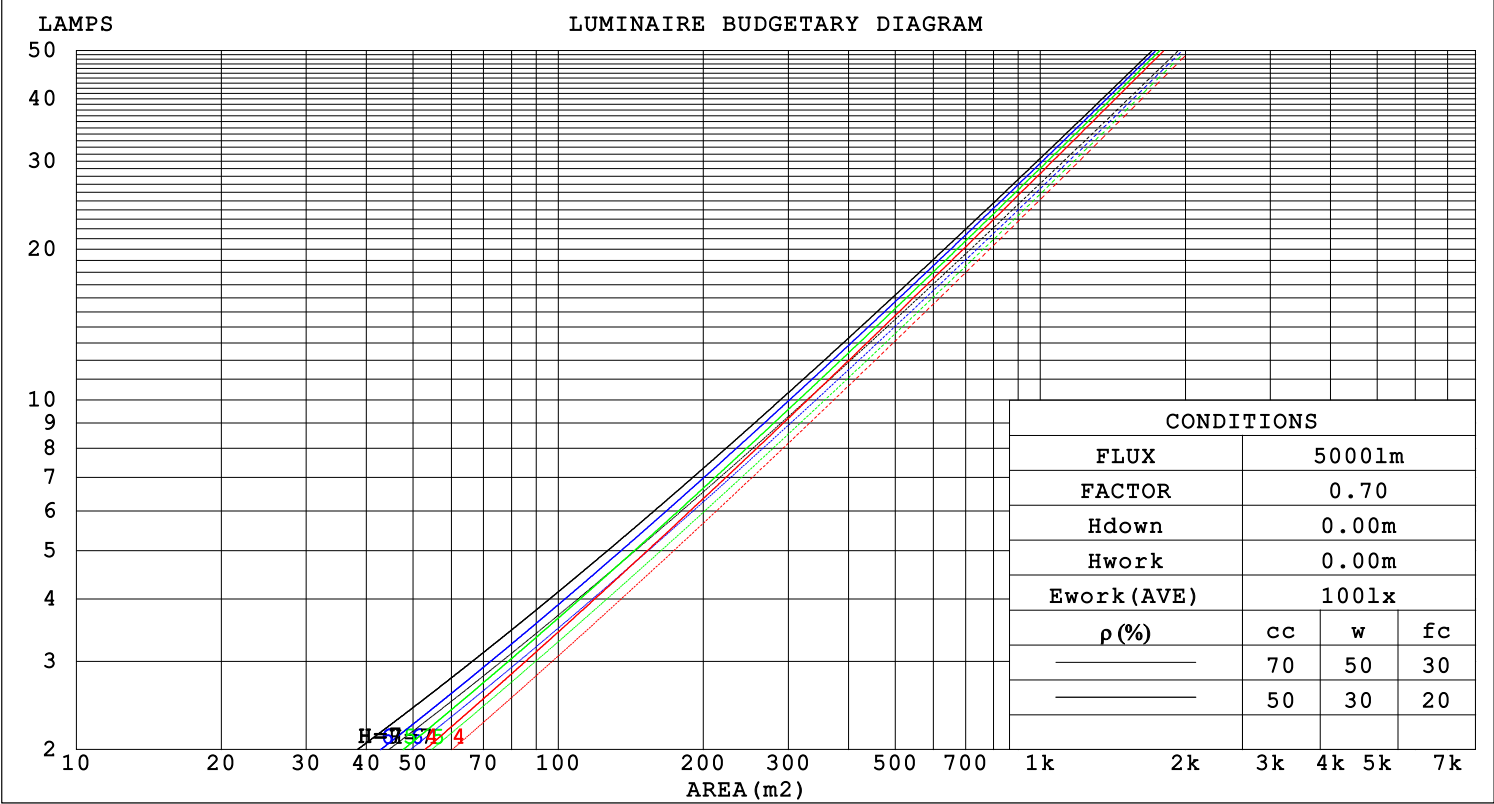
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

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: 3000K 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	.70	.69
7.0	.77	.72	.68	.77	.71	.68	.75	.71	.67	.74	.70	.67	.73	.69	.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:8.500 m
Remarks: 3000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019														
NAME: GE 75 DOWNLIGHTER								TYPE: 3000K 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	.172	.098	.031	.165	.094	.030	.152	.087	.028	.141	.081	.026	.130	.075	.024	
2.0	.162	.089	.027	.157	.086	.027	.146	.081	.025	.136	.076	.024	.127	.072	.023	
3.0	.153	.082	.024	.149	.080	.024	.140	.076	.023	.132	.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	.063	.018	.124	.062	.018	.119	.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	.078	.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:8.500 m
Remarks: 3000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 75 DOWNLIGHTER	TYPE: 3000K 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	6.5	7.4	6.7	7.5	7.7	7.2	8.1	7.5	8.3	8.5
3H	6.4	7.2	6.6	7.4	7.6	7.1	7.9	7.4	8.1	8.3
4H	6.4	7.1	6.6	7.4	7.6	7.0	7.8	7.3	8.0	8.2
6H	6.4	7.1	6.7	7.4	7.6	7.0	7.7	7.3	7.9	8.2
8H	6.5	7.2	6.8	7.4	7.7	6.9	7.6	7.2	7.9	8.2
12H	6.6	7.3	6.9	7.5	7.8	6.9	7.6	7.2	7.9	8.1
4H 2H	6.3	7.0	6.5	7.2	7.5	7.0	7.8	7.3	8.0	8.2
3H	6.2	6.8	6.5	7.1	7.4	6.9	7.6	7.2	7.9	8.1
4H	6.2	6.8	6.5	7.1	7.4	6.9	7.5	7.2	7.8	8.1
6H	6.2	6.8	6.6	7.1	7.5	6.9	7.4	7.2	7.7	8.1
8H	6.4	6.9	6.8	7.2	7.6	6.8	7.3	7.2	7.7	8.1
12H	6.6	7.1	7.0	7.4	7.8	6.9	7.3	7.3	7.7	8.1
8H 4H	6.1	6.6	6.5	6.9	7.3	6.8	7.3	7.2	7.6	8.0
6H	6.2	6.6	6.6	7.0	7.4	6.8	7.2	7.3	7.6	8.1
8H	6.3	6.7	6.8	7.1	7.5	6.9	7.3	7.4	7.7	8.1
12H	6.6	7.0	7.1	7.4	7.9	7.0	7.3	7.5	7.8	8.2
12H 4H	6.0	6.5	6.4	6.9	7.2	6.7	7.2	7.1	7.6	7.9
6H	6.2	6.5	6.6	6.9	7.4	6.8	7.2	7.3	7.6	8.0
8H	6.3	6.6	6.8	7.1	7.5	6.9	7.2	7.4	7.7	8.1

Variations with the observer position at spacings:		
S = 1.0H	+ 2.3 / - 2.8	+ 2.4 / - 3.4
1.5H	+ 4.3 / - 3.3	+ 4.5 / - 3.7
2.0H	+ 3.2 / - 1.4	+ 1.4 / - 1.4

CIE Pub.117 Corrected 1345 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.0)

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:8.500 m
Remarks: 3000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 75 DOWNLIGHTER	TYPE: 3000K 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		

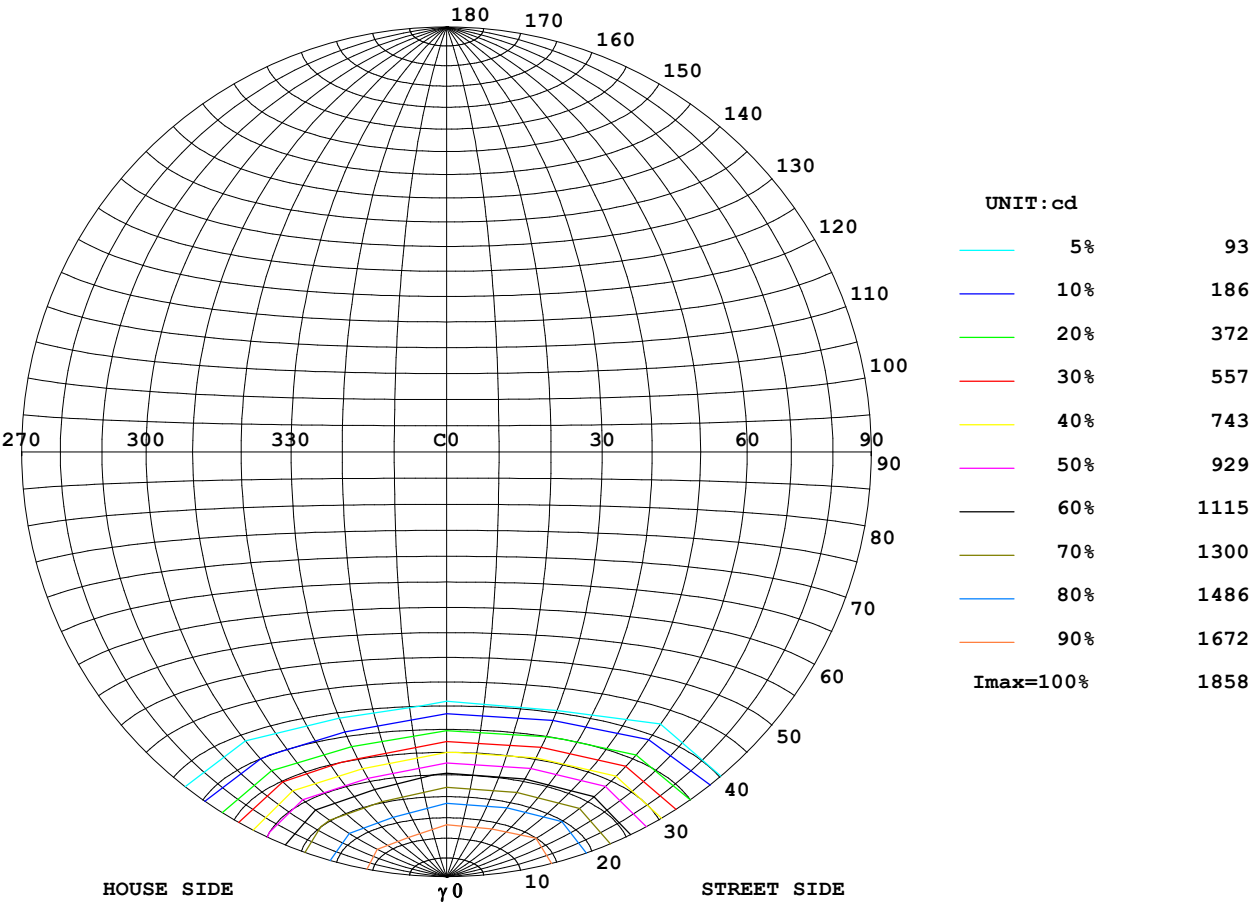
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 07-24-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.500 m
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 75 DOWNLIGHTER	TYPE: 3000K 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:8.500 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 75 DOWNLIGHTER	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: BAG 400 MA	DIMENSION: D-88 CUTOUT-78 H-95 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 18.58 lx



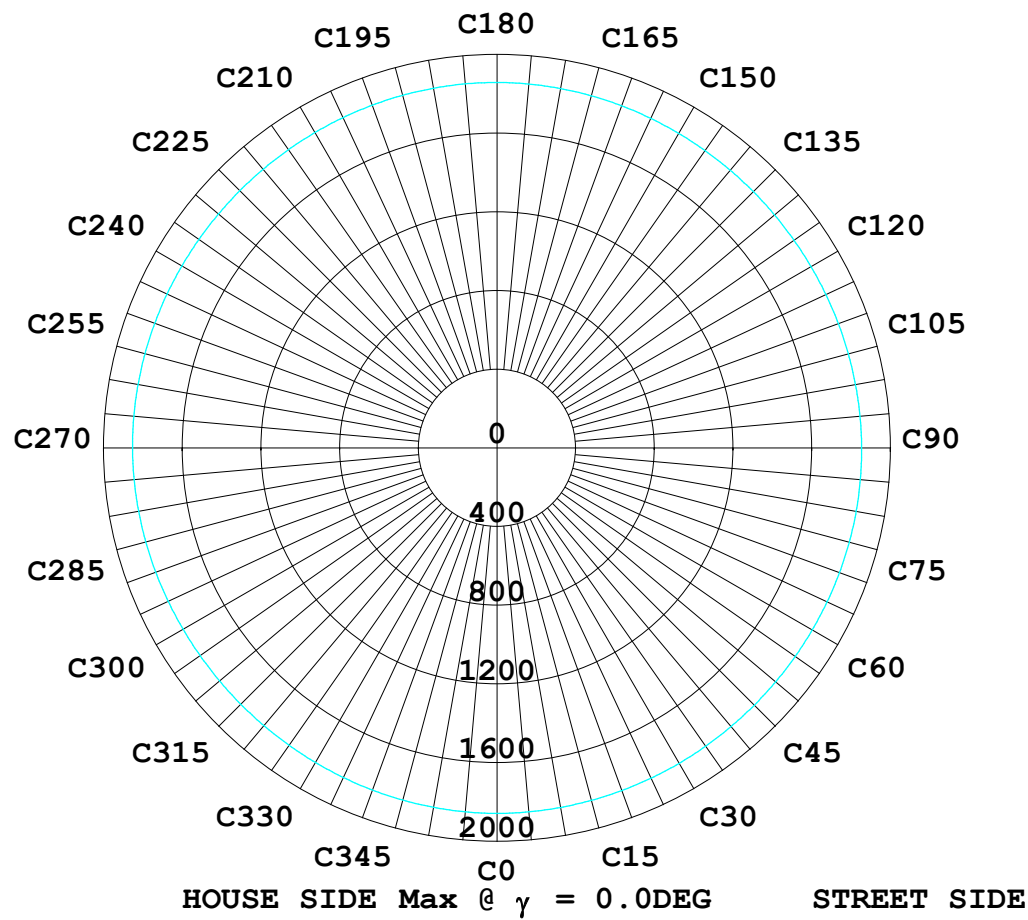
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 75 DOWNLIGHTER	TYPE: 3000K 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:8.500 m
Remarks: 3000K

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: 3000K 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	1858	1852	1850	1853	1843	1847	1858	1852	1850	1853	1843	1847
5.0	1833	1832	1846	1845	1838	1820	1826	1820	1797	1807	1802	1814
10.0	1757	1756	1777	1772	1771	1739	1741	1729	1697	1716	1709	1742
15.0	1629	1634	1671	1656	1654	1598	1586	1569	1532	1554	1552	1609
20.0	1420	1436	1479	1455	1443	1354	1343	1327	1273	1309	1313	1392
25.0	1139	1159	1210	1168	1157	1043	1026	996	923	974	990	1108
30.0	740	770	837	777	748	616	581	557	494	538	563	693
35.0	346	362	419	371	349	239	223	183	165	182	214	315
40.0	105	99.2	131	95.8	101	62.2	59.8	66.2	43.7	64.4	57.2	95.0
45.0	42.8	31.7	45.8	29.2	38.5	21.3	22.1	30.8	17.7	29.7	21.0	38.9
50.0	24.6	15.3	25.3	13.7	21.8	11.0	12.8	20.2	10.5	19.5	11.5	22.9
55.0	16.6	8.88	16.2	7.94	14.9	6.79	8.45	14.2	6.57	13.6	7.15	15.6
60.0	11.9	5.49	11.7	4.98	10.7	4.26	5.70	10.1	4.04	9.75	4.33	10.9
65.0	8.67	3.46	8.59	3.03	7.94	2.60	3.97	7.51	2.38	7.29	2.60	7.94
70.0	6.57	2.09	6.50	1.87	6.14	1.73	2.96	5.63	1.37	5.49	1.51	5.99
75.0	5.27	1.51	5.12	1.37	4.98	1.30	2.45	4.55	1.08	4.47	1.08	4.69
80.0	4.84	1.51	4.55	1.37	4.40	1.37	2.60	4.11	1.08	4.04	1.08	4.19
85.0	4.47	1.66	4.19	1.51	4.11	1.51	2.74	3.75	1.15	3.68	1.15	3.75
90.0	4.26	2.23	3.90	2.02	3.82	2.09	3.75	3.32	1.51	3.25	1.51	3.32

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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