



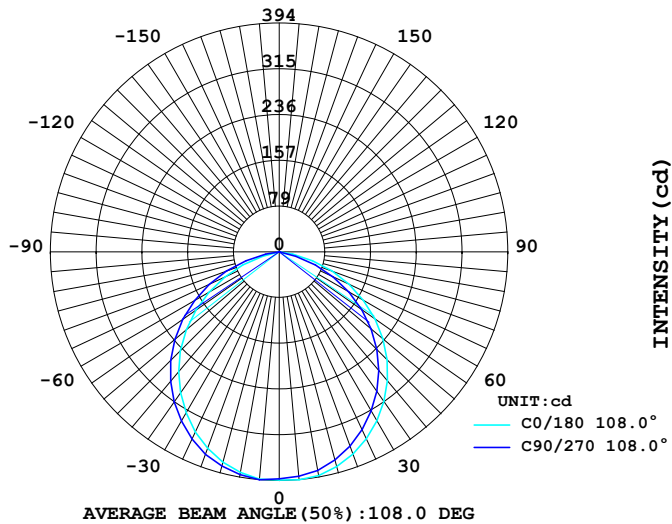
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

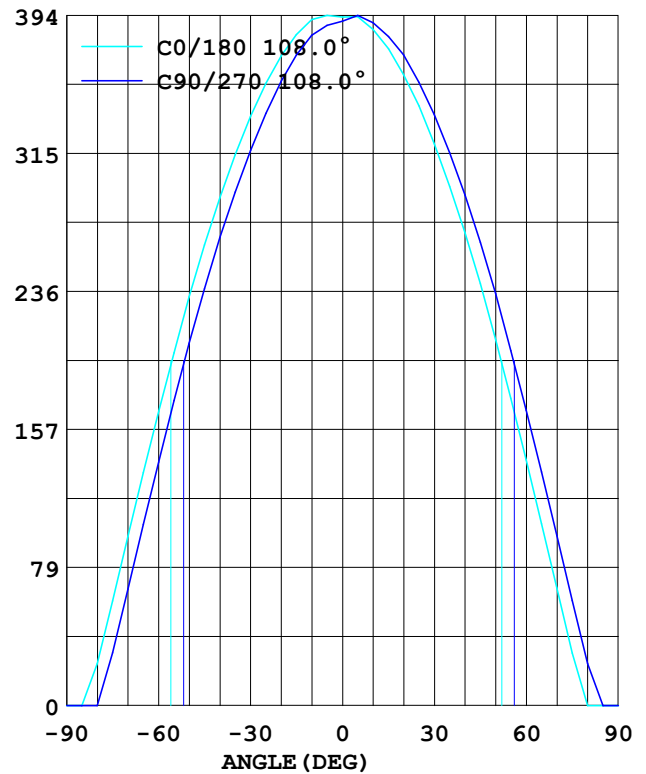
MANUFACTURER: Justice Design Group,LLC			
Address:			
NAME: FSN-4181		TYPE: LED	WEIGHT: --
SPECIFICATION: --	CCT (K): 3000	DIMENSION: --	SERIAL No.: 01

DATA OF LAMP		Imax(cd)	393.5	S/MH (C0/180)	1.27
MODEL	FSN-4181	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.21
NOMINAL POWER(W)	20	TOTAL FLUX(lm)	1023.7	Voltage(V)	119.5
RATED VOLTAGE (V)	120	EFFICIENCY (lm/W)	52.2	Current(A)	0.180
NOMINAL FLUX(lm)	1023.7	η up (%)	0.0	Power(W)	19.60
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.911
TEST VOLTAGE (V)	119.5	Effective Flux(lm)	1016.5	EEL	0.252

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG2000
 Temperature:25.3DEG
 Operators:
 Test Date:July 01 2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 01

Color Temperature Data List

Report number:

MANUFACTURER: Justice Design Group,LLC			
Address:			
NAME: FSN-4181	TYPE: LED		WEIGHT: --
SPECIFICATION: --	CCT (K) : 3000	DIMENSION: --	SERIAL No.: 01

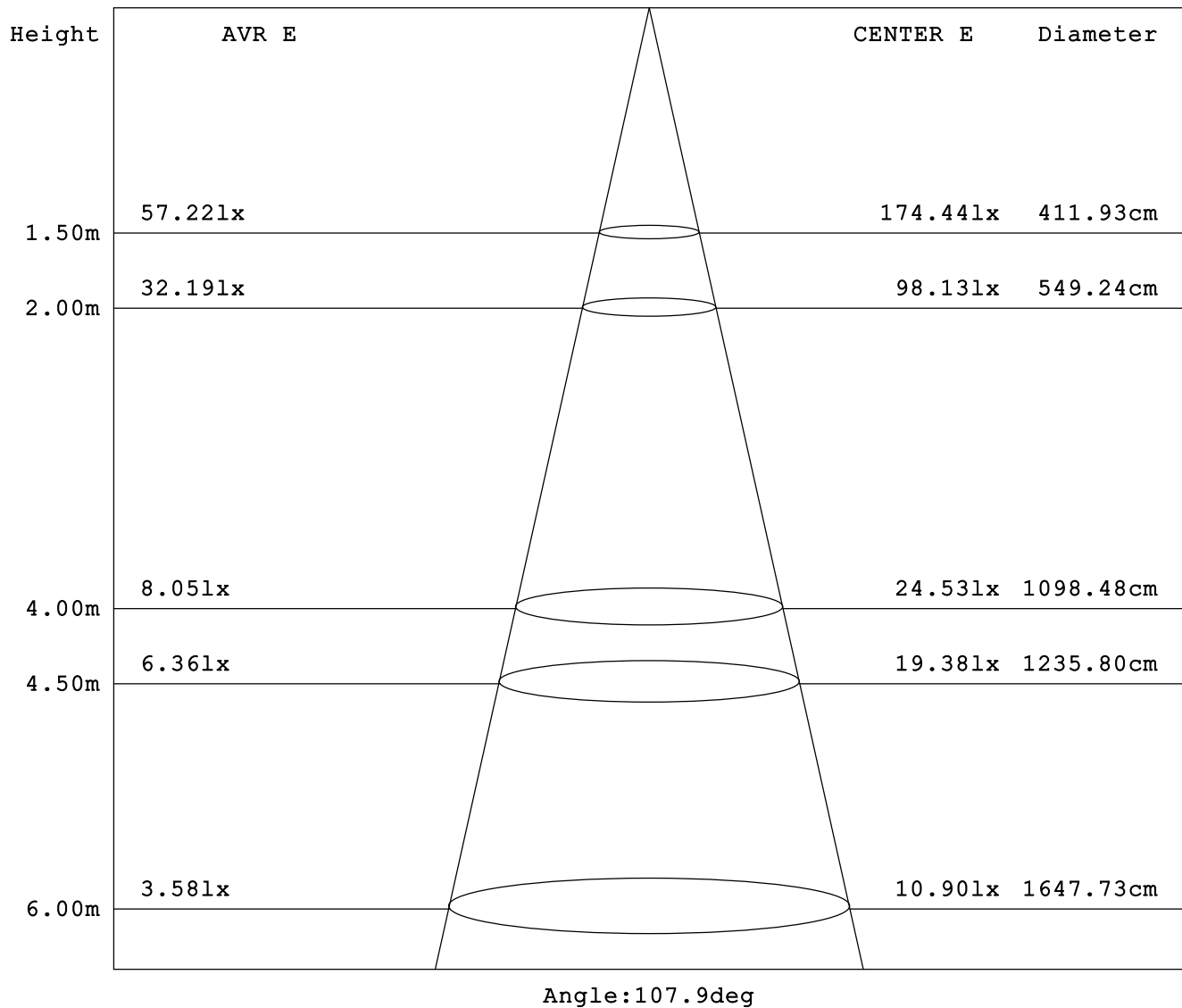
Test System:HOPOO HPG2000
Temperature:25.3DEG
Operators:
Test Date:July 01 2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 01

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: Justice Design Group, LLC			
Address:			
NAME: FSN-4181	TYPE: LED		WEIGHT: --
SPECIFICATION: --	CCT (K): 3000	DIMENSION: --	SERIAL No.: 01



Test System: HOPOO HPG2000
 Temperature: 25.3DEG
 Operators:
 Test Date: July 01 2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 01

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: Justice Design Group,LLC			
Address:			
NAME: FSN-4181		TYPE: LED	WEIGHT: --
SPECIFICATION: --	CCT (K) : 3000	DIMENSION: --	SERIAL No.: 01

γ	C0	C90	C180	C270					γ	Zone	total
10.0	391.0	382.1	385.2	389.2					0- 10	37.22	37.22
20.0	370.5	356.0	359.6	371.0					10- 20	106.4	143.6
30.0	336.0	316.3	320.3	336.7					20- 30	160.0	303.6
40.0	289.3	266.7	269.5	291.0					30- 40	190.4	494.1
50.0	232.8	206.5	208.4	234.6					40- 50	193.5	687.6
60.0	167.7	138.8	140.0	168.3					50- 60	167.9	855.5
70.0	96.40	66.39	66.90	96.80					60- 70	116.6	972.2
80.0	23.90	0	0	23.80					70- 80	48.22	1020
90.0	0	0	0	0					80- 90	3.240	1024
100.0	0	0	0	0					90-100	0	1024
110.0	0	0	0	0					100-110	0	1024
120.0	0	0	0	0					110-120	0	1024
130.0	0	0	0	0					120-130	0	1024
140.0	0	0	0	0					130-140	0	1024
150.0	0	0	0	0					140-150	0	1024
160.0	0	0	0	0					150-160	0	1024
170.0	0	0	0	0					160-170	0	1024
180.0	0	0	0	0					170-180	0	1024
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG2000
 Temperature:25.3DEG
 Operators:
 Test Date:July 01 2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 01

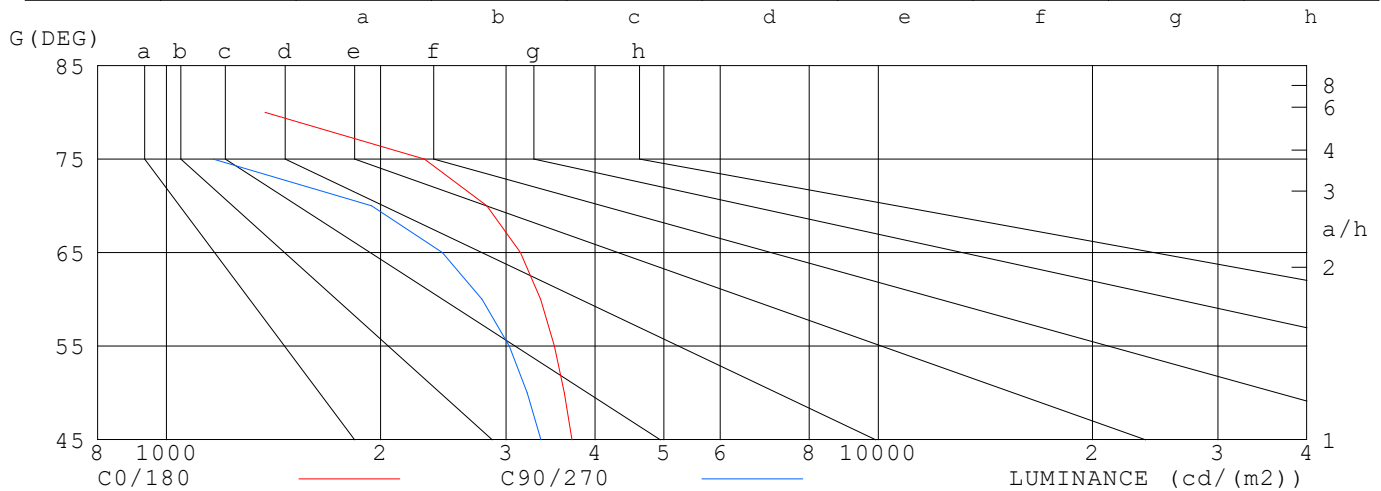
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: Justice Design Group,LLC			
Address:			
NAME: FSN-4181		TYPE: LED	WEIGHT: --
SPECIFICATION: --	CCT (K): 3000	DIMENSION: --	SERIAL No.: 01

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	0	0
80	1376	0
75	2303	1163
70	2819	1941
65	3142	2442
60	3354	2776
55	3506	3032
50	3623	3213
45	3714	3360

Test System:HOPOO HPG2000
 Temperature:25.3DEG
 Operators:
 Test Date:July 01 2020

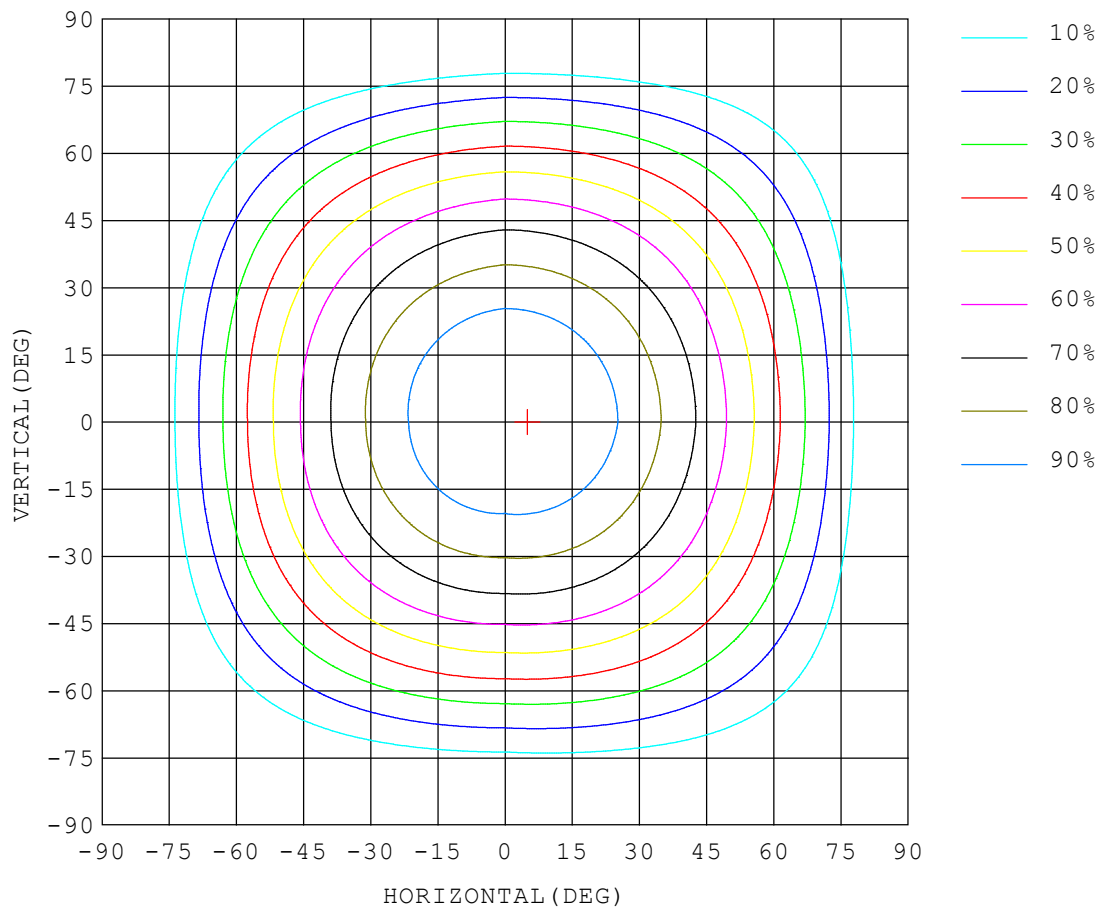
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 01

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: Justice Design Group,LLC			
Address:			
NAME: FSN-4181		TYPE: LED	WEIGHT: --
SPECIFICATION: --	CCT (K): 3000	DIMENSION: --	SERIAL No.: 01

UNIT: cd



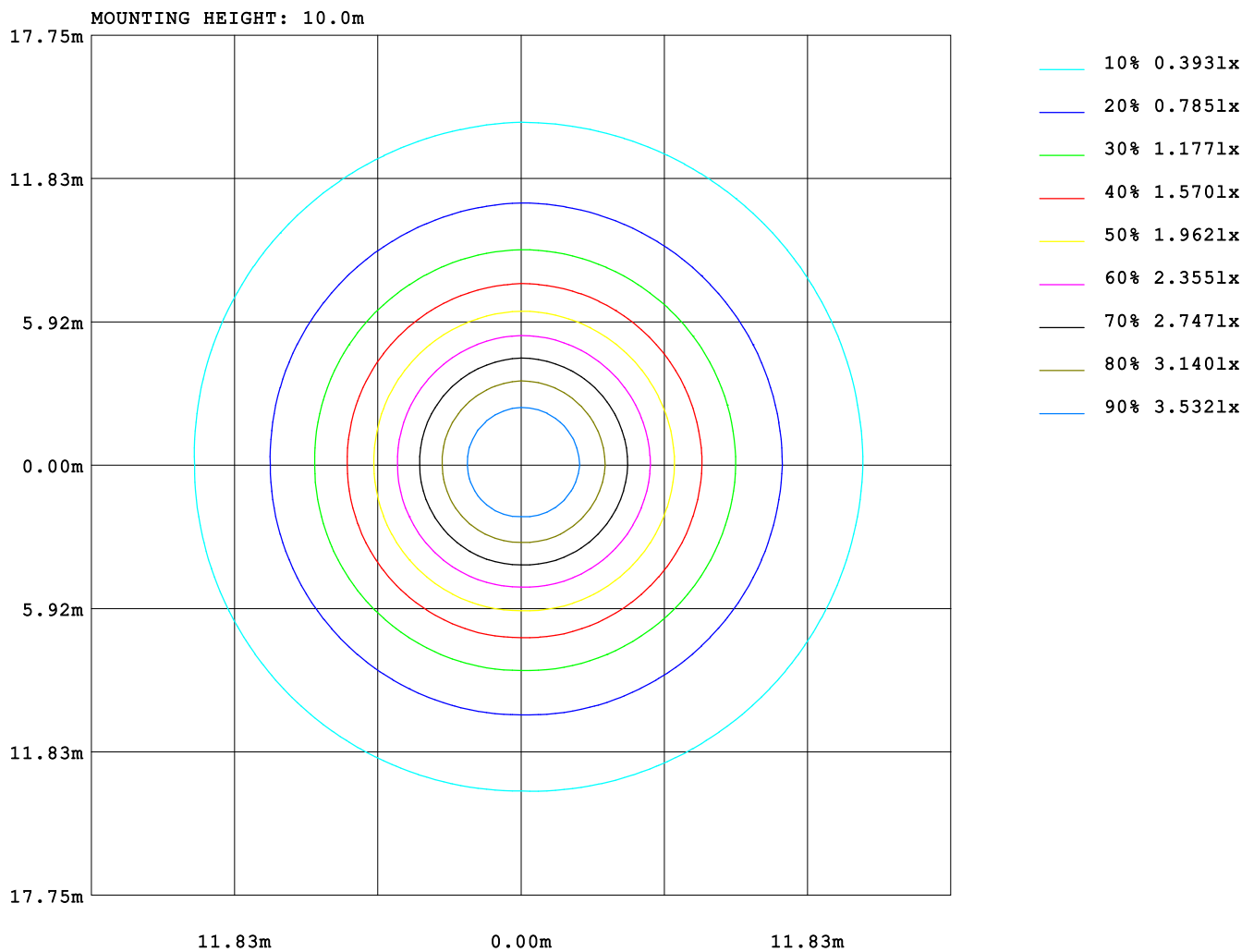
Test System:HOPOO HPG2000
Temperature:25.3DEG
Operators:
Test Date:July 01 2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 01

ISOLUX DIAGRAM

Report number:

MANUFACTURER: Justice Design Group,LLC			
Address:			
NAME: FSN-4181		TYPE: LED	WEIGHT: --
SPECIFICATION: --	CCT (K): 3000	DIMENSION: --	SERIAL No.: 01



Test System:HOPOO HPG2000
Temperature:25.3DEG
Operators:
Test Date:July 01 2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 01

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: Justice Design Group,LLC																			
Address:																			
NAME: FSN-4181										TYPE: LED					WEIGHT: --				
SPECIFICATION: --					CCT (K): 3000					DIMENSION: --					SERIAL No.: 01				

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90			
	0.00	0.00	0.00	0.00	0.02	0.04	0.09	0.13	0.17	0.18	0.16	0.12	0.07	0.03	0.00	0.00	0.00	0.00	1.00	0.00		
	0.00	0.00	0.02	0.13	0.39	0.75	1.15	1.50	1.75	1.80	1.64	1.36	1.00	0.63	0.31	0.09	0.00	0.00	12.5	9.06		
	0.00	0.01	0.14	0.61	1.32	2.14	2.92	3.54	3.94	3.99	3.70	3.16	2.45	1.66	0.93	0.36	0.06	0.00	30.9	30.0		
	0.00	0.03	0.41	1.24	2.33	3.52	4.62	5.49	6.02	6.07	5.65	4.87	3.83	2.69	1.58	0.69	0.15	0.00	49.2	48.7		
	0.00	0.09	0.71	1.83	3.25	4.76	6.15	7.24	7.87	7.93	7.39	6.40	5.08	3.61	2.19	1.00	0.25	0.01	65.8	65.4		
	0.00	0.15	0.97	2.32	4.01	5.80	7.43	8.69	9.41	9.47	8.84	7.68	6.13	4.38	2.69	1.28	0.34	0.01	79.6	79.4		
	0.00	0.21	1.16	2.70	4.60	6.60	8.41	9.82	10.6	10.6	9.98	8.67	6.94	4.99	3.09	1.49	0.42	0.02	90.4	90.2		
	0.00	0.26	1.29	2.95	4.99	7.12	9.08	10.5	11.4	11.4	10.7	9.36	7.49	5.41	3.36	1.64	0.47	0.02	97.7	97.5		
	0.00	0.28	1.35	3.06	5.16	7.36	9.38	10.9	11.7	11.8	11.1	9.71	7.77	5.61	3.50	1.71	0.50	0.03	101	101		
	0.00	0.27	1.34	3.04	5.13	7.31	9.32	10.8	11.7	11.7	11.0	9.65	7.73	5.58	3.48	1.70	0.49	0.03	101	100		
	0.00	0.25	1.26	2.90	4.90	6.99	8.90	10.3	11.1	11.2	10.5	9.18	7.36	5.31	3.30	1.61	0.46	0.02	95.7	95.5		
-30	0.00	0.20	1.11	2.61	4.45	6.38	8.12	9.44	10.1	10.2	9.60	8.38	6.72	4.84	3.00	1.44	0.40	0.02	87.1	86.9		
-40	0.00	0.13	0.90	2.19	3.81	5.50	7.03	8.19	8.80	8.85	8.34	7.28	5.83	4.18	2.57	1.21	0.32	0.01	75.2	74.9		
-50	0.00	0.07	0.63	1.67	3.00	4.40	5.67	6.62	7.13	7.19	6.78	5.92	4.72	3.36	2.03	0.93	0.22	0.01	60.3	60.0		
-60	0.00	0.01	0.33	1.07	2.05	3.11	4.08	4.82	5.21	5.26	4.97	4.33	3.43	2.40	1.41	0.61	0.13	0.00	43.2	42.7		
-70	0.00	0.00	0.07	0.43	1.02	1.70	2.34	2.82	3.09	3.14	2.98	2.58	2.01	1.36	0.75	0.28	0.05	0.00	24.6	23.4		
-80	0.00	0.00	0.00	0.02	0.15	0.37	0.62	0.82	0.94	0.99	0.96	0.83	0.62	0.40	0.20	0.06	0.00	0.00	6.99	3.29		
-90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.03	0.03	0.02	0.00	0.00	0.00	0.00	0.12	0.00		
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)					20	30	40	50	60	70	80	90	
Φ t	0.00	1.96	11.7	28.8	50.6	73.9	95.3	112	121	122	115	99.5	79.2	56.5	34.4	16.1	4.26	0.18	1024			
Φ a	0.00	0.94	10.8	28.0	49.8	73.1	94.5	111	121	121	114	98.7	78.4	55.7	33.6	15.2	3.10	0.00			1016	

Test System:HOPOO HPG2000
Temperature:25.3DEG
Operators:
Test Date:July 01 2020

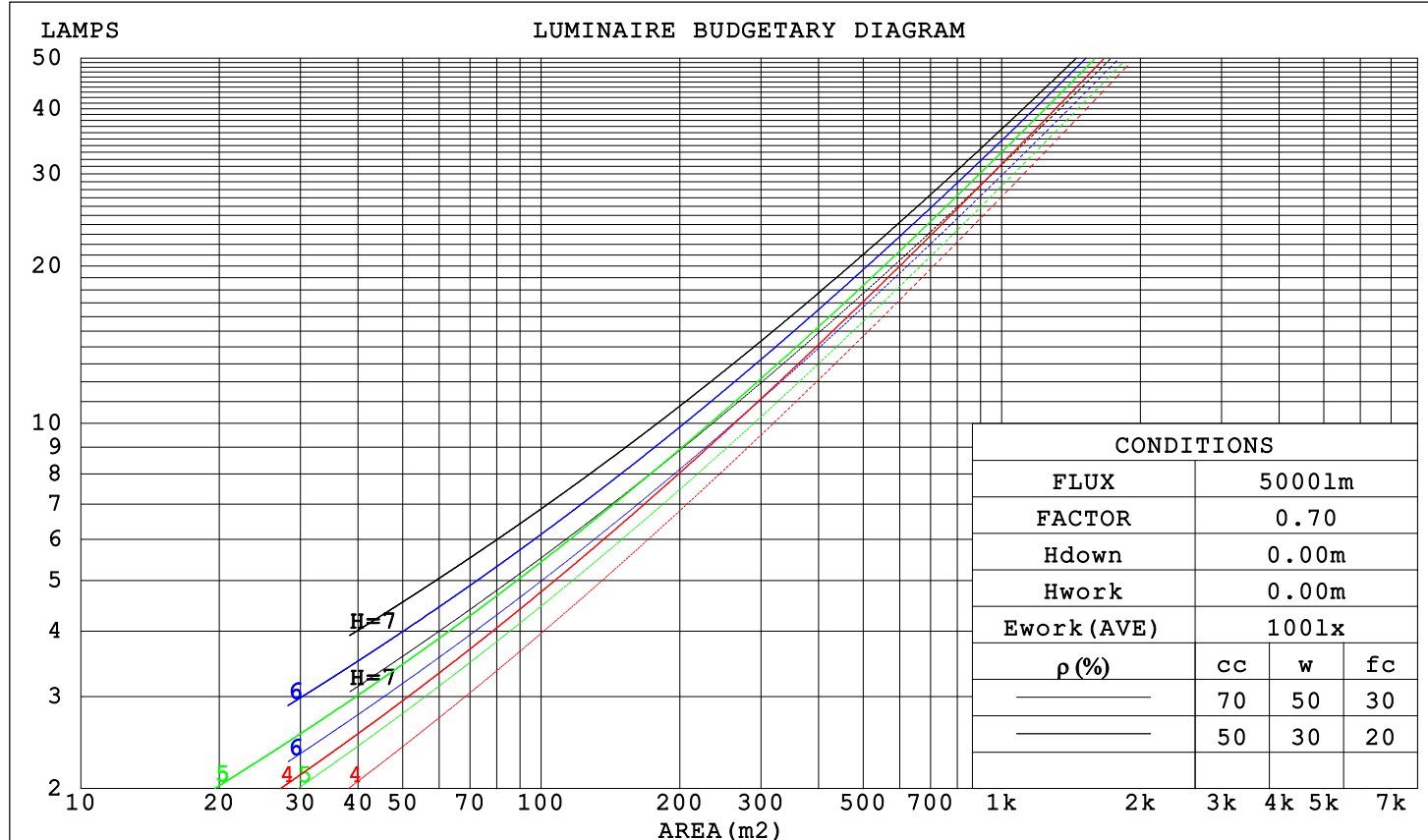
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 01

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: Justice Design Group, LLC															
Address:															
NAME: FSN-4181								TYPE: LED				WEIGHT: --			
SPECIFICATION: --				CCT (K): 3000				DIMENSION: --				SERIAL No.: 01			

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	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	1.05	1.02	.98	1.03	.90	.97	.99	.96	.93	.95	.93	.91	.92	.90	.88	.86
2.0	.93	.86	.81	.91	.85	.80	.87	.82	.78	.84	.80	.76	.81	.78	.75	.73
3.0	.82	.74	.68	.80	.73	.67	.77	.71	.66	.74	.69	.65	.72	.68	.64	.62
4.0	.73	.64	.58	.71	.63	.57	.69	.62	.57	.67	.61	.56	.64	.59	.55	.53
5.0	.65	.56	.50	.64	.56	.50	.62	.55	.49	.60	.53	.49	.58	.52	.48	.46
6.0	.59	.50	.44	.58	.49	.43	.56	.49	.43	.54	.48	.43	.53	.47	.42	.40
7.0	.53	.45	.39	.52	.44	.38	.51	.44	.38	.49	.43	.38	.48	.42	.38	.36
8.0	.49	.40	.34	.48	.40	.34	.47	.39	.34	.45	.39	.34	.44	.38	.34	.32
9.0	.45	.37	.31	.44	.36	.31	.43	.36	.31	.42	.35	.31	.41	.35	.30	.29
10.0	.41	.33	.28	.41	.33	.28	.40	.33	.28	.39	.32	.28	.38	.32	.28	.26



Test System:HOPOO HPG2000
 Temperature:25.3DEG
 Operators:
 Test Date:July 01 2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 01

GONIOPHOTOMETERS SYSTEM TEST REPORT

WEC AND CCEC

Report number:

MANUFACTURER: Justice Design Group,LLC															
Address:															
NAME: FSN-4181								TYPE: LED				WEIGHT: --			
SPECIFICATION: --				CCT (K): 3000				DIMENSION: --				SERIAL No.: 01			

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	.279	.159	.050	.272	.155	.049	.259	.148	.047	.247	.142	.046	.236	.137	.044	
2.0	.271	.148	.046	.265	.146	.045	.253	.141	.044	.243	.136	.043	.233	.132	.042	
3.0	.255	.136	.041	.250	.134	.040	.239	.130	.039	.230	.126	.039	.221	.122	.038	
4.0	.238	.124	.036	.233	.122	.036	.224	.119	.035	.216	.116	.035	.208	.113	.034	
5.0	.222	.113	.033	.217	.112	.033	.209	.109	.032	.202	.107	.032	.195	.104	.031	
6.0	.207	.104	.030	.203	.103	.030	.196	.100	.029	.189	.098	.029	.183	.096	.029	
7.0	.193	.096	.027	.190	.095	.027	.184	.093	.027	.178	.091	.026	.172	.089	.026	
8.0	.181	.089	.025	.178	.088	.025	.172	.086	.025	.167	.085	.024	.162	.083	.024	
9.0	.170	.082	.023	.168	.082	.023	.162	.080	.023	.158	.079	.023	.153	.078	.022	
10.0	.160	.077	.021	.158	.076	.021	.153	.075	.021	.149	.074	.021	.145	.073	.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
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	.178	.156	.137	.152	.134	.118	.104	.092	.081	.060	.053	.047	.019	.017	.015	
2.0	.169	.132	.101	.145	.114	.087	.099	.079	.061	.057	.046	.036	.018	.015	.012	
3.0	.162	.114	.076	.139	.099	.066	.095	.068	.046	.055	.040	.027	.018	.013	.009	
4.0	.154	.101	.060	.132	.087	.052	.091	.061	.037	.053	.036	.022	.017	.012	.007	
5.0	.147	.090	.048	.126	.078	.042	.087	.055	.030	.050	.032	.018	.016	.010	.006	
6.0	.140	.082	.040	.120	.071	.035	.083	.050	.025	.048	.029	.015	.016	.010	.005	
7.0	.133	.075	.034	.115	.065	.030	.079	.046	.021	.046	.027	.012	.015	.009	.004	
8.0	.127	.069	.029	.109	.060	.026	.076	.042	.018	.044	.025	.011	.014	.008	.004	
9.0	.121	.064	.026	.104	.056	.022	.072	.039	.016	.042	.023	.009	.014	.008	.003	
10.0	.116	.060	.023	.100	.052	.020	.069	.037	.014	.040	.022	.008	.013	.007	.003	

Test System:HOPOO HPG2000
 Temperature:25.3DEG
 Operators:
 Test Date:July 01 2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 01

GONIOPHOTOMETERS SYSTEM TEST REPORT

UGR Table

Report number:

MANUFACTURER: Justice Design Group,LLC										
Address:										
NAME: FSN-4181					TYPE: LED			WEIGHT: --		
SPECIFICATION: --			CCT (K): 3000			DIMENSION: --			SERIAL No.: 01	

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				
x = 2H y = 2H						Viewed endwise				
3H						16.7 18.1 16.9 18.3 18.5				
4H						17.6 19.0 17.9 19.2 19.4				
6H						17.7 19.0 18.1 19.3 19.5				
8H						17.6 18.8 18.0 19.1 19.4				
12H						17.6 18.7 17.9 19.0 19.3				
4H 2H						17.5 18.6 17.9 18.9 19.2				
3H						17.3 18.5 17.6 18.8 19.0				
4H						18.3 19.5 18.7 19.7 20.0				
6H						19.2 20.3 19.6 20.6 20.9				
8H						19.6 20.6 20.0 21.0 21.3				
12H						18.5 19.5 18.9 19.8 20.2				
4H 2H						18.4 19.3 18.8 19.6 20.0				
3H						19.7 20.6 20.1 21.0 21.4				
4H						18.4 19.2 18.8 19.6 19.9				
6H						18.4 19.2 18.8 19.6 19.9				
8H						18.3 19.1 18.7 19.5 19.9				
12H						18.3 19.1 18.7 19.5 19.9				
4H 2H						18.6 19.4 19.0 19.8 20.1				
3H						18.5 19.2 18.9 19.6 20.0				
4H						18.5 19.1 18.9 19.5 19.9				
6H						18.5 19.1 18.9 19.5 19.9				
8H						18.4 18.9 18.9 19.4 19.8				
12H						18.4 18.9 18.9 19.4 19.8				
4H 2H						18.5 19.3 18.9 19.7 20.1				
3H						18.5 19.1 18.9 19.5 19.9				
4H						18.5 19.1 18.9 19.5 19.9				
6H						18.4 18.9 18.9 19.4 19.9				
8H						18.4 18.9 18.9 19.4 19.9				

Variations with the observer position at spacings:

S = 1.0H	+ 0.2 / - 0.2	+ 0.3 / - 0.3
1.5H	+ 0.2 / - 0.4	+ 0.3 / - 0.7
2.0H	+ 0.5 / - 0.6	+ 0.5 / - 0.8

CIE Pub.117 Corrected 1024 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.1)

Test System:HOPOO HPG2000
Temperature:25.3DEG
Operators:
Test Date:July 01 2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 01

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: Justice Design Group, LLC			
Address:			
NAME: FSN-4181		TYPE: LED	WEIGHT: --
SPECIFICATION: --	CCT (K): 3000	DIMENSION: --	SERIAL No.: 01

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) $k(RI) \times RCR = 5$									
$k = 0.60$	59	48	41	59	48	41	58	47	41	35
0.80	70	58	51	69	58	51	67	57	51	44
1.00	78	68	61	77	67	60	75	68	60	53
1.25	85	75	69	84	75	68	81	73	68	61
1.50	90	81	74	89	80	74	86	78	73	66
2.00	97	89	83	95	88	82	92	86	81	73
2.50	101	94	88	99	92	87	95	90	85	77
3.00	104	98	93	102	96	92	98	93	89	81
4.00	108	102	98	105	101	97	101	97	94	86
5.00	110	106	102	107	104	100	103	100	97	88
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended				SHRNOM = 1.25		

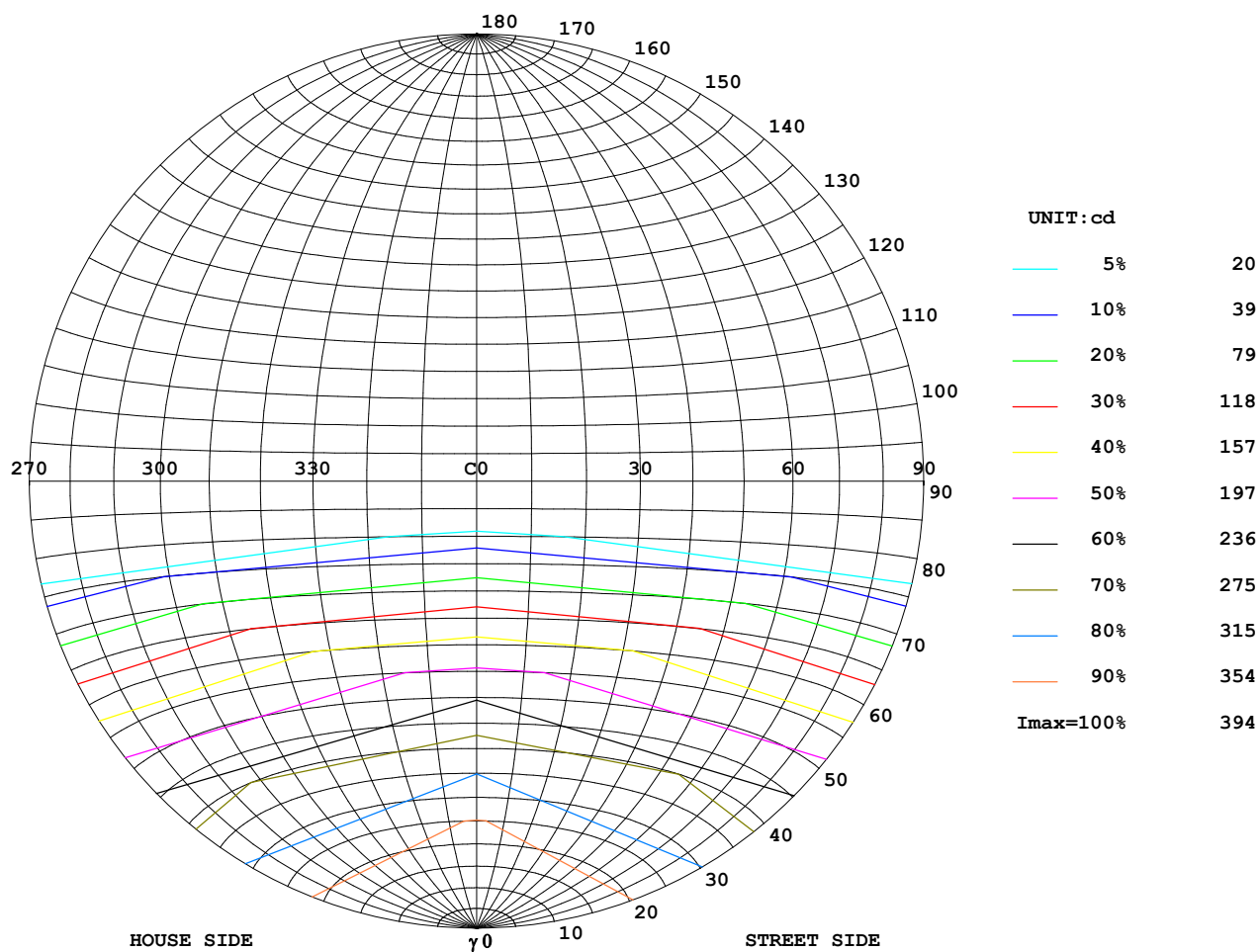
Test System: HOPOO HPG2000
 Temperature: 25.3 DEG
 Operators:
 Test Date: July 01 2020

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 01

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: Justice Design Group,LLC			
Address:			
NAME: FSN-4181		TYPE: LED	WEIGHT: --
SPECIFICATION: --	CCT (K): 3000	DIMENSION: --	SERIAL No.: 01



Test System: HOPOO HPG2000
Temperature: 25.3 DEG
Operators:
Test Date: July 01 2020

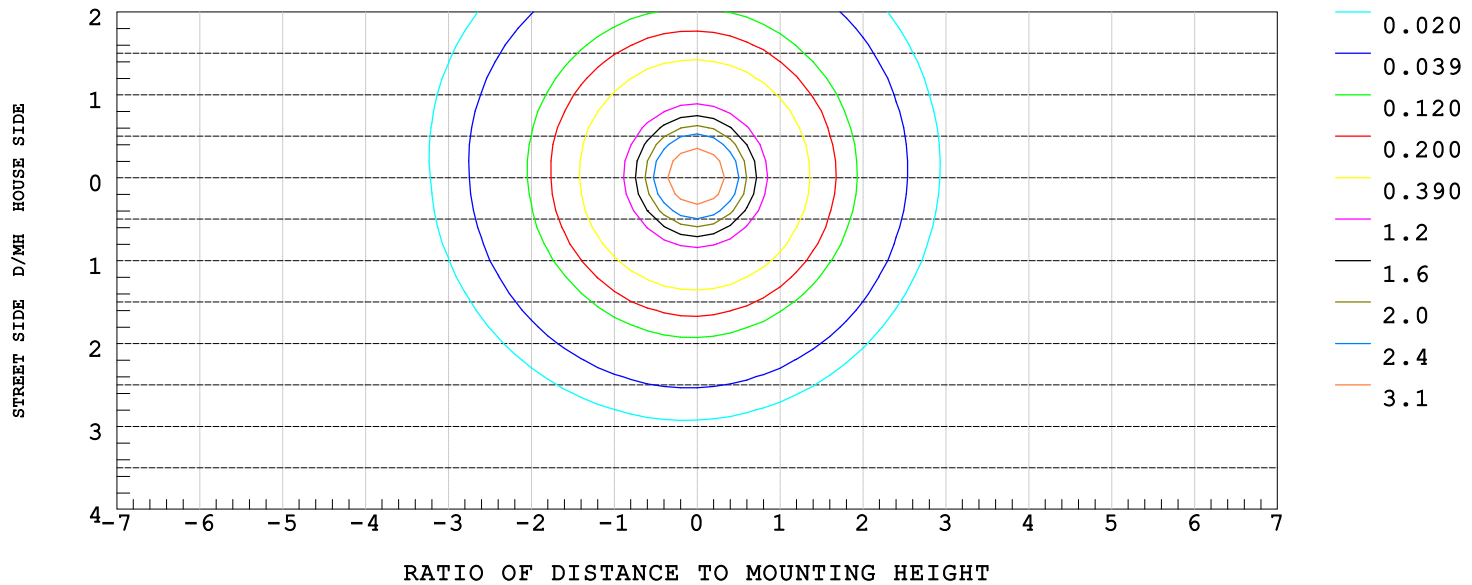
Test Set: 5.0 deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 01

ISOLUX DIAGRAM

Report number:

MANUFACTURER: Justice Design Group,LLC			
Address:			
NAME: FSN-4181		TYPE: LED	WEIGHT: --
SPECIFICATION: --	CCT (K): 3000	DIMENSION: --	SERIAL No.: 01

ILLUMINANCE AT MH=10 m, Enadir = 3.92 lx



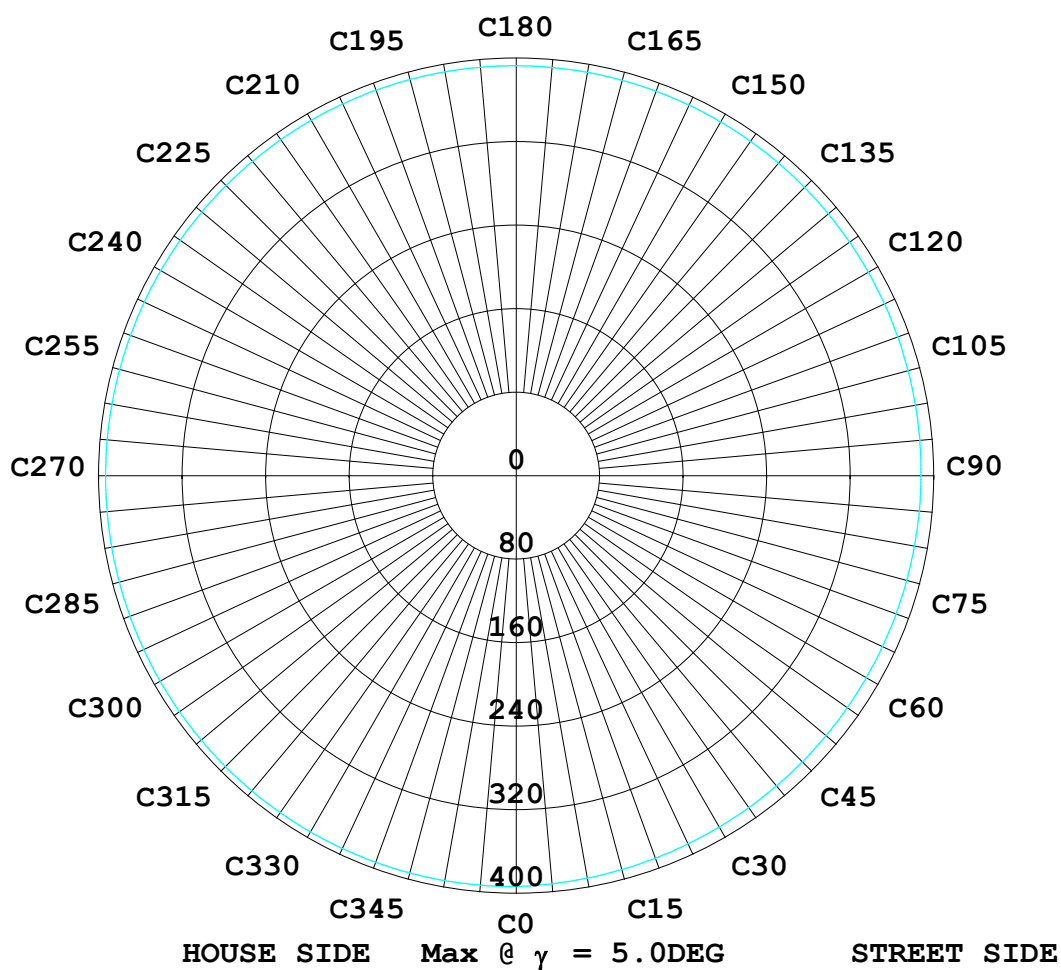
Test System:HOPOO HPG2000
Temperature:25.3DEG
Operators:
Test Date:July 01 2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 01

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: Justice Design Group,LLC			
Address:			
NAME: FSN-4181		TYPE: LED	WEIGHT: --
SPECIFICATION: --	CCT (K): 3000	DIMENSION: --	SERIAL No.: 01



Test System:HOPOO HPG2000
Temperature:25.3DEG
Operators:
Test Date:July 01 2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 01

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: Justice Design Group,LLC			
Address:			
NAME: FSN-4181		TYPE: LED	WEIGHT: --
SPECIFICATION: --	CCT (K) : 3000	DIMENSION: --	SERIAL No.: 01

UNIT: cd

C (DEG) γ (DEG)	0	90	180	270
0.0	393	390	393	390
5.0	394	388	393	393
10.0	391	382	385	389
15.0	383	371	374	381
20.0	371	356	360	371
25.0	355	338	342	355
30.0	336	316	320	337
35.0	314	293	296	315
40.0	289	267	270	291
45.0	263	238	241	264
50.0	233	207	208	235
55.0	201	174	175	202
60.0	168	139	140	168
65.0	133	103	104	133
70.0	96.4	66.3	66.9	96.8
75.0	59.6	30.1	29.8	59.7
80.0	23.9	0.00	0.00	23.8
85.0	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00
95.0	0.00	0.00	0.00	0.00
100.0	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00
110.0	0.00	0.00	0.00	0.00
115.0	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00
125.0	0.00	0.00	0.00	0.00
130.0	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00
140.0	0.00	0.00	0.00	0.00
145.0	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00
175.0	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00

Test System:HOPOO HPG2000
Temperature:25.3DEG
Operators:
Test Date:July 01 2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 01