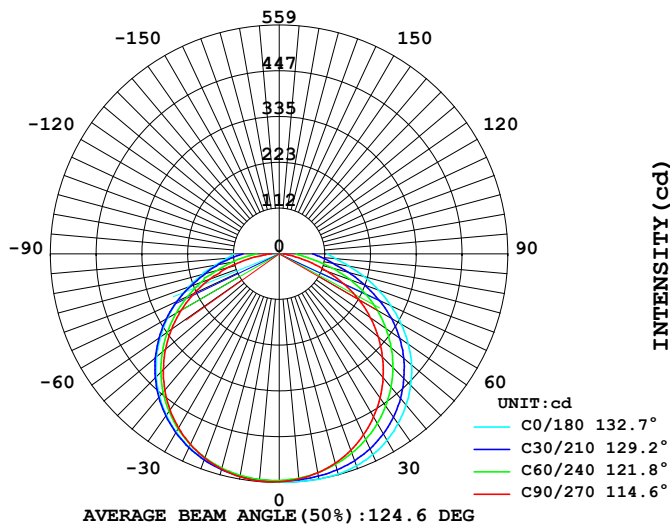
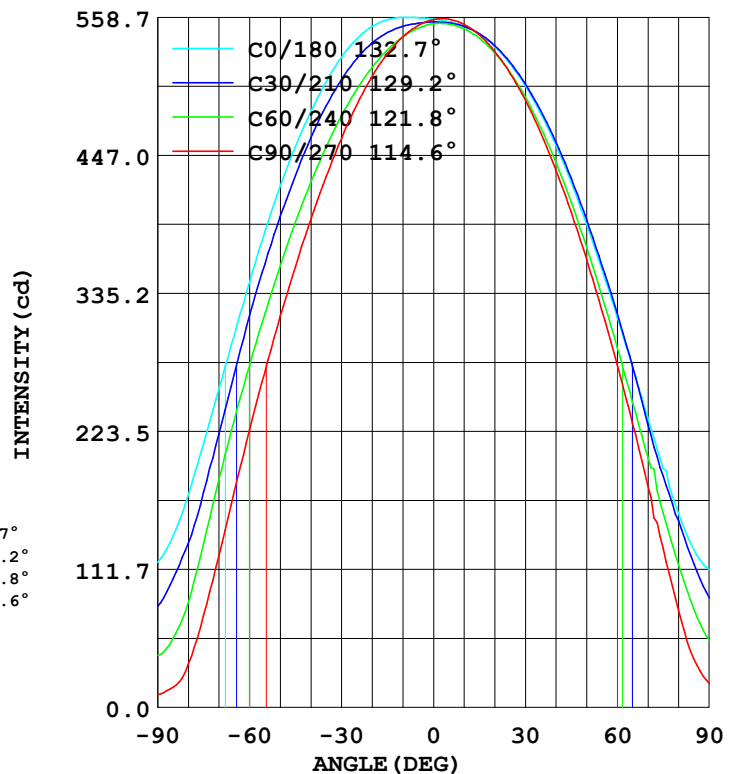


LUMINAIRE PHOTOMETRIC TEST REPORT

MANUFACTURER:ASD LIGHTING CORP		
Address:		
NAME: ASD-LVF28-24D25CC-NK	TYPE:	WEIGHT:
SPECIFICATION: 50000K	DIMENSION: F-602mm	SERIAL No.:

DATA OF LAMP		Imax(cd)	569.1	S/MH(C0/180)	1.40
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.24
NOMINAL POWER(W)	25	TOTAL FLUX(lm)	1874.7	Voltage(V)	119.6
RATED VOLTAGE(V)	120	EFFICIENCY(lm/W)	73.8	Current(A)	0.227
NOMINAL FLUX(lm)	1874.7	η up(%)	0.0	Power(W)	25.41
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.937
TEST VOLTAGE(V)	119.7	Effective Flux(lm)	1861.8	EEL	0.000(E)

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION


Test System:HopooColor HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2026-01-27

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

Color Temperature Data List

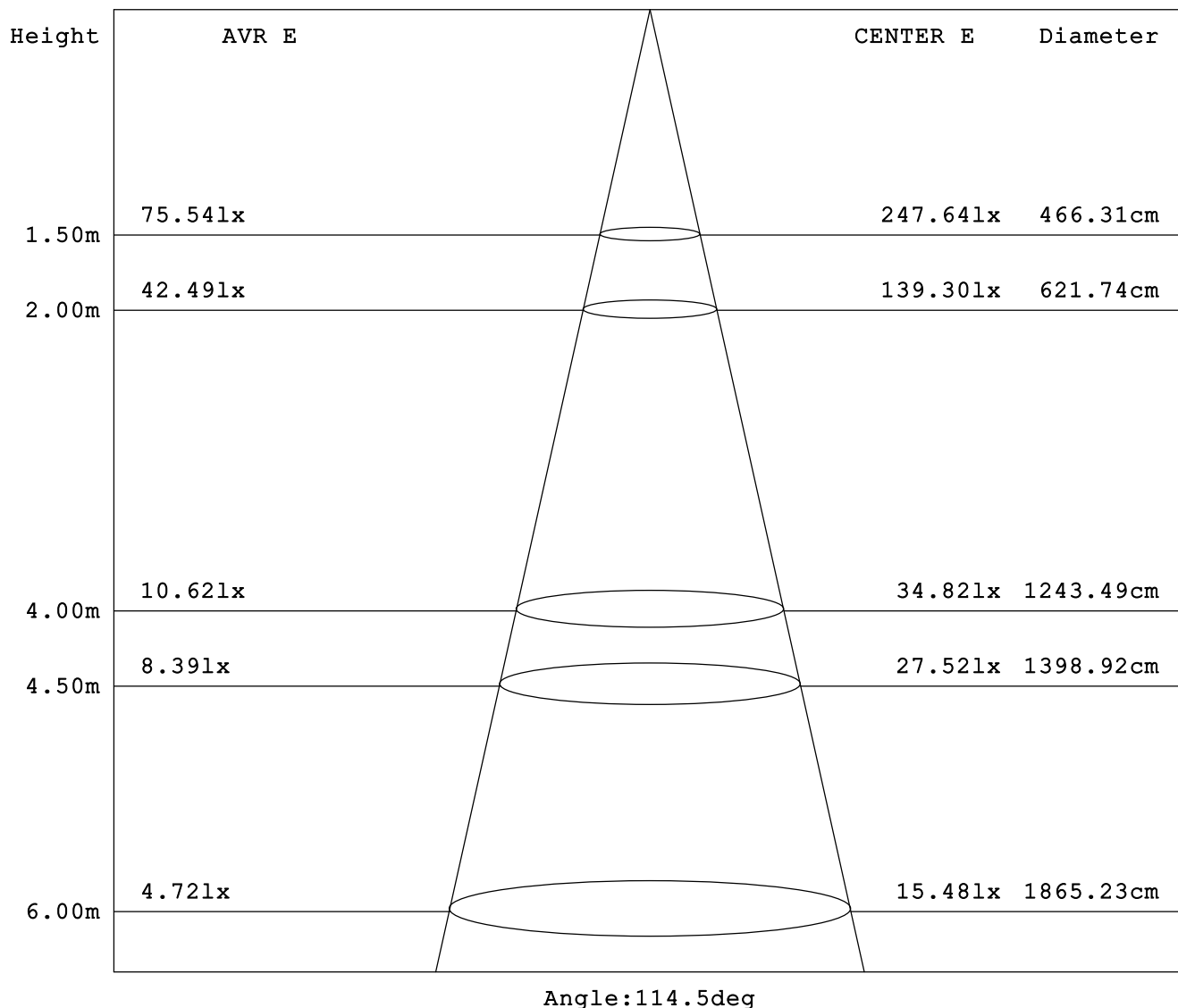
MANUFACTURER:ASD LIGHTING CORP		
Address:		
NAME: ASD-LVF28-24D25CC-NK	TYPE:	WEIGHT:
SPECIFICATION: 5000K	DIMENSION: F-602mm	SERIAL No.:

Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:
Test Date:2026-01-27

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

AVERAGE AND CENTER E Figure

MANUFACTURER:ASD LIGHTING CORP		
Address:		
NAME: NAME: ASD-LVF28-24D25CC-NK	TYPE:	WEIGHT:
SPECIFICATION: 5000K	DIMENSION: F-602mm	SERIAL No.:



Test System:HopooColor HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2026-01-27

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

ZONAL FLUX DIAGRAM

MANUFACTURER:ASD LIGHTING CORP		
Address:		
NAME: ASD-LVF28-24D25CC-NK	TYPE:	WEIGHT:
SPECIFICATION: 5000K	DIMENSION: F-602mm	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	558.3	551.9	551.9	562.3	555.1	553.6	557.2	566.0	0- 5	13.34	13.34
10.0	558.7	547.0	542.8	555.9	551.5	550.3	552.9	563.8	5- 10	39.74	53.08
15.0	556.7	539.2	529.0	546.0	545.0	543.5	544.2	558.9	10- 15	65.21	118.3
20.0	551.1	528.0	511.0	532.2	534.7	532.7	531.1	550.2	15- 20	89.06	207.3
25.0	541.2	512.8	487.9	514.5	521.1	518.2	513.3	537.9	20- 25	110.5	317.9
30.0	526.2	493.4	460.4	492.4	503.0	499.4	491.8	521.1	25- 30	128.9	446.8
35.0	506.2	470.2	429.8	466.5	480.8	476.3	465.3	499.8	30- 35	143.6	590.5
40.0	482.5	443.1	394.9	436.7	455.2	449.4	434.6	474.3	35- 40	154.1	744.6
45.0	454.0	411.7	356.7	402.7	424.9	418.4	400.8	444.3	40- 45	159.9	904.6
50.0	421.7	377.2	316.5	365.6	390.8	383.5	362.6	408.0	45- 50	160.9	1066
55.0	385.3	339.0	271.8	325.7	354.8	345.7	321.1	366.5	50- 55	156.7	1222
60.0	344.4	297.3	225.4	282.5	315.7	305.3	277.7	319.8	55- 60	147.6	1370
65.0	301.2	251.2	174.9	235.8	275.2	261.4	229.6	266.2	60- 65	133.4	1503
70.0	258.2	203.0	122.6	188.7	234.5	215.7	179.5	209.1	65- 70	114.7	1618
75.0	213.7	153.6	74.99	147.7	193.3	172.2	128.6	153.0	70- 75	93.39	1711
80.0	171.7	108.7	35.11	112.0	156.8	133.2	78.46	102.0	75- 80	71.42	1783
85.0	138.5	79.80	16.18	83.23	127.5	97.82	39.08	70.73	80- 85	52.38	1835
90.0	117.5	61.99	10.33	65.67	111.5	71.45	19.43	55.30	85- 90	39.42	1875
95.0									90- 95		
100.0									95-100		
105.0									100-105		
110.0									105-110		
115.0									110-115		
120.0									115-120		
125.0									120-125		
130.0									125-130		
135.0									130-135		
140.0									135-140		
145.0									140-145		
150.0									145-150		
155.0									150-155		
160.0									155-160		
165.0									160-165		
170.0									165-170		
175.0									170-175		
180.0									175-180		
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:Hopoocolor HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2026-01-27

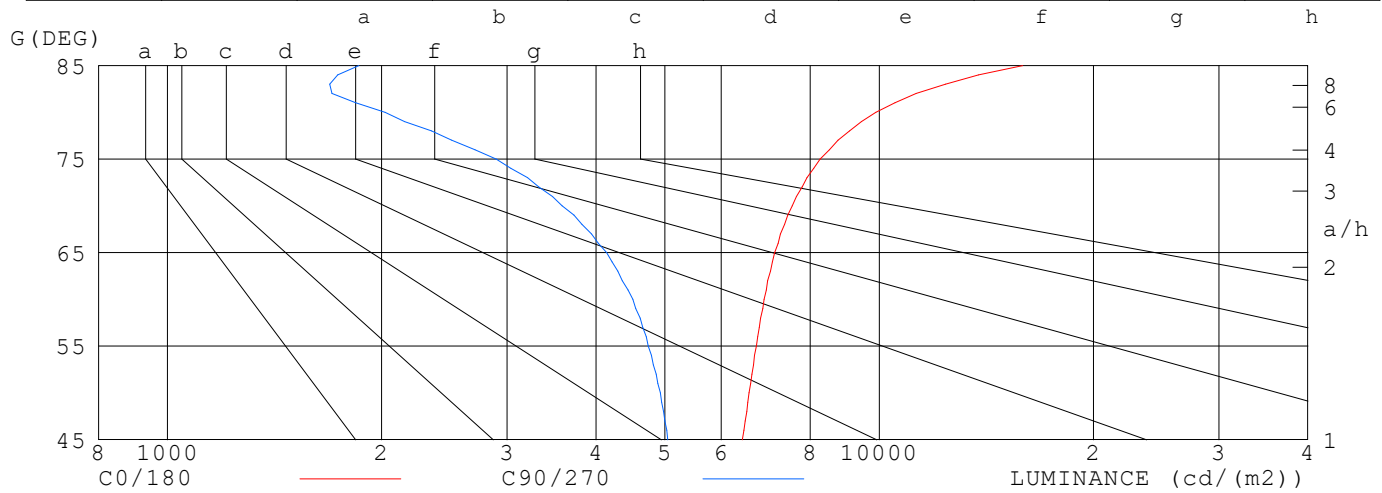
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.500 m
 Remarks:

LUMINANCE LIMITATION CURVES

MANUFACTURER:ASD LIGHTING CORP		
Address:		
NAME: ASD-LVF28-24D25CC-NK	TYPE:	WEIGHT:
SPECIFICATION: 5000K	DIMENSION: F-602mm	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



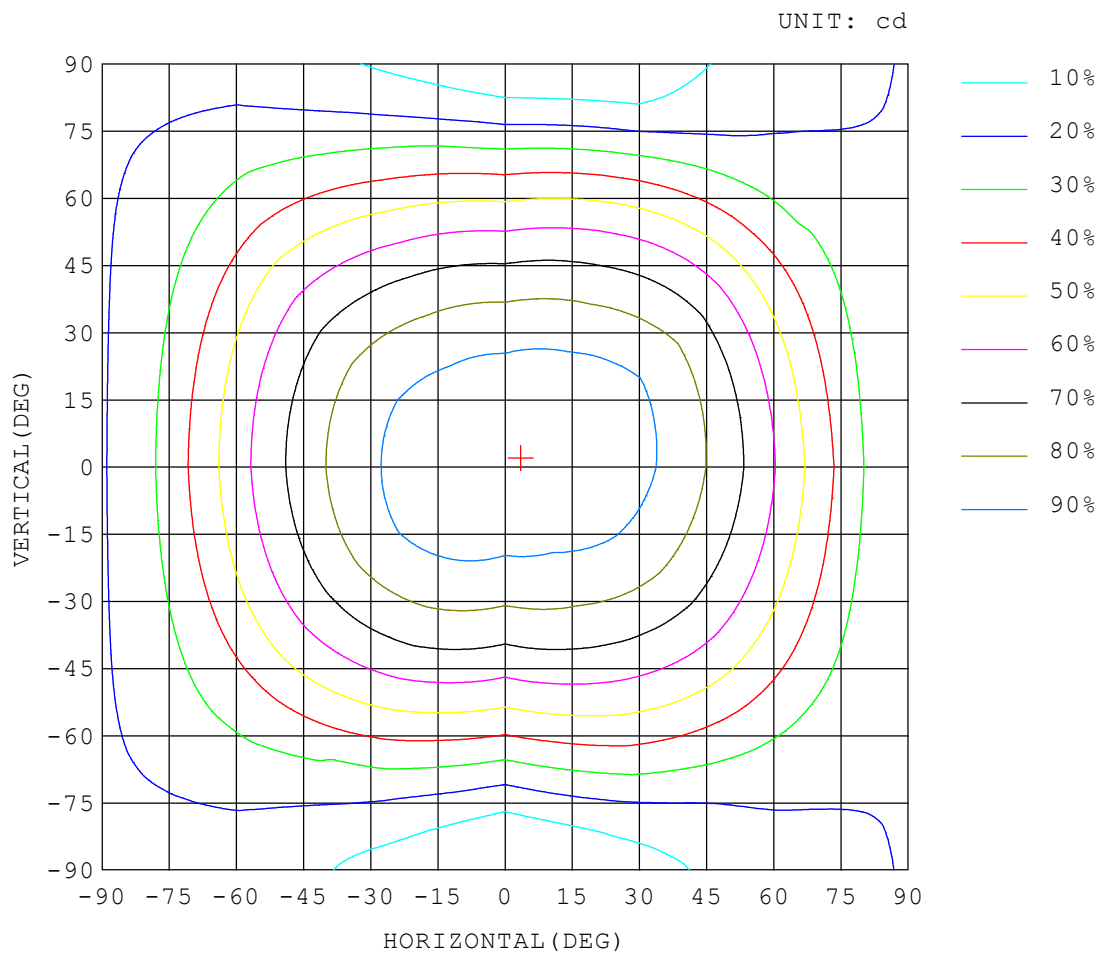
LUMINANCE cd/m2		
G (DEG)	C0/180	C90/270
85	15900	1857
80	9890	2022
75	8260	2898
70	7550	3585
65	7129	4141
60	6890	4508
55	6719	4739
50	6561	4924
45	6422	5045

Test System:HopooColor HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2026-01-27

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

ISOCANDELA DIAGRAM

MANUFACTURER:ASD LIGHTING CORP		
Address:		
NAME: ASD-LVF28-24D25CC-NK	TYPE:	WEIGHT:
SPECIFICATION: 5000K	DIMENSION: F-602mm	SERIAL No.:

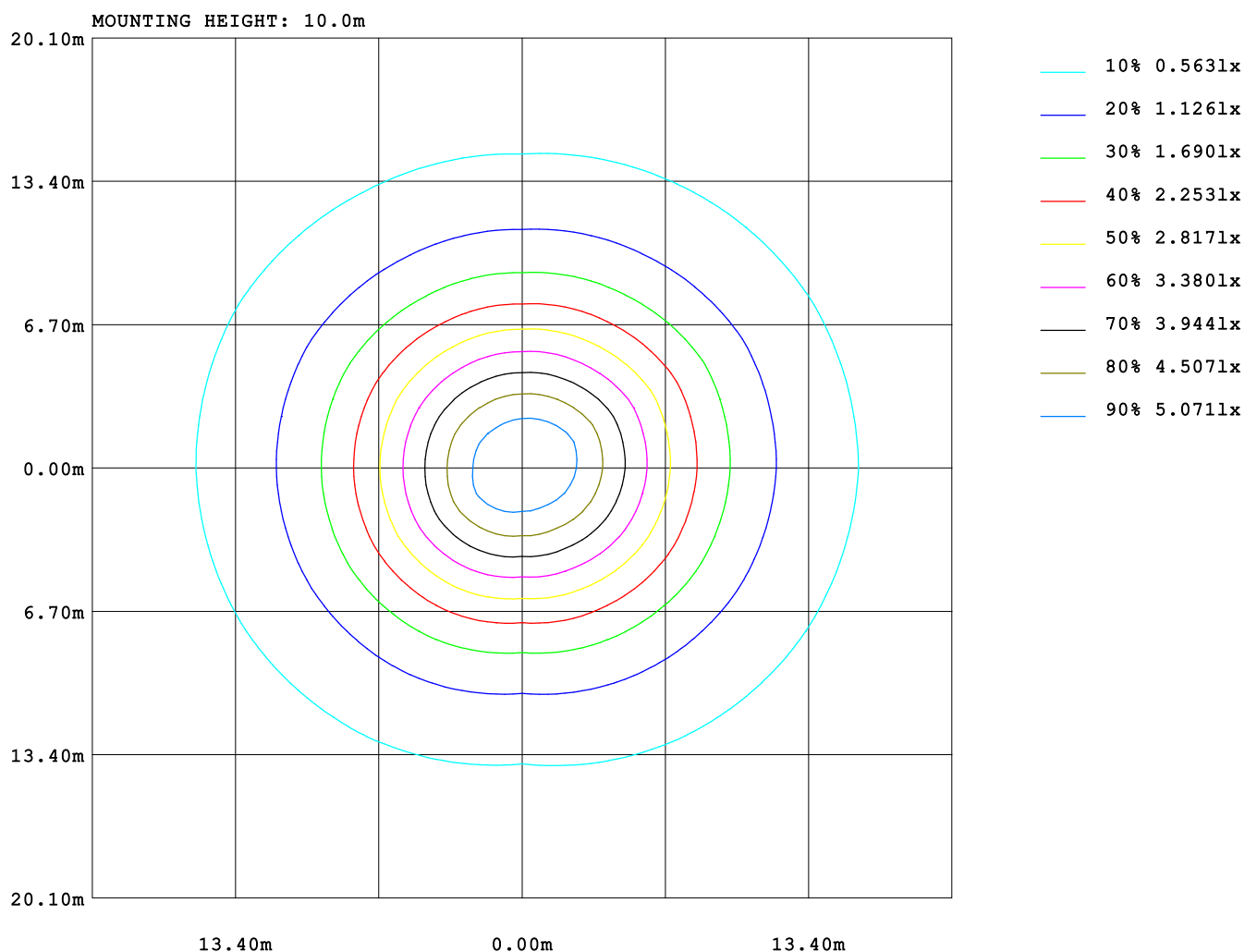


Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:
Test Date:2026-01-27

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

ISOLUX DIAGRAM

MANUFACTURER:ASD LIGHTING CORP		
Address:		
NAME: ASD-LVF28-24D25CC-NK	TYPE:	WEIGHT:
SPECIFICATION: 5000K	DIMENSION: F-602mm	SERIAL No.:



Test System:HopooColor HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2026-01-27

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

AREA LUMINOUS FLUX

MANUFACTURER:ASD LIGHTING CORP																				
Address:																				
NAME: ASD-LVF28-24D25CC-NK										TYPE:					WEIGHT:					
SPECIFICATION: 5000K										DIMENSION: F-602mm					SERIAL No.:					

		AREA FLUX DIAGRAM																		UNIT:lm			Φ t	Φ a			
VERTICAL (DEG)	90																										
	80	0.29	0.82	1.31	1.70	1.93	2.03	1.98	1.79	1.48	1.30	1.26	1.16	1.24	1.42	1.43	1.21	0.81	0.30	23.5	18.0						
	70	0.30	0.92	1.63	2.36	2.98	3.50	3.89	4.08	4.02	3.91	3.73	3.27	2.79	2.36	1.93	1.45	0.90	0.31	44.3	44.3						
	60	0.31	1.03	1.99	3.09	4.21	5.29	6.15	6.77	7.01	7.04	6.84	6.19	5.16	3.93	2.74	1.80	1.01	0.32	70.9	70.9						
	50	0.32	1.15	2.35	3.87	5.53	7.06	8.34	9.30	9.74	9.84	9.58	8.72	7.33	5.56	3.74	2.24	1.14	0.33	96.2	96.2						
	40	0.33	1.27	2.71	4.65	6.75	8.67	10.2	11.5	12.1	12.2	11.8	10.8	9.19	7.06	4.72	2.71	1.28	0.35	119	119						
	30	0.34	1.37	3.03	5.27	7.74	10.0	11.9	13.3	14.0	14.1	13.6	12.5	10.7	8.28	5.54	3.14	1.42	0.36	137	137						
		0.35	1.46	3.29	5.73	8.45	11.0	13.1	14.6	15.4	15.6	15.1	13.8	11.8	9.11	6.14	3.48	1.54	0.38	151	151						
		0.36	1.52	3.47	6.04	8.90	11.6	13.9	15.5	16.3	16.5	16.0	14.7	12.4	9.58	6.52	3.73	1.63	0.39	160	160						
		0.36	1.55	3.55	6.18	9.11	11.9	14.3	15.9	16.7	17.0	16.4	14.9	12.6	9.76	6.70	3.87	1.70	0.39	163	163						
		0.36	1.55	3.53	6.15	9.07	11.9	14.3	16.0	16.8	16.6	16.1	14.7	12.4	9.65	6.65	3.86	1.70	0.39	162	162						
		0.36	1.50	3.40	5.93	8.75	11.5	13.9	15.5	16.1	15.9	15.4	14.0	11.9	9.26	6.38	3.70	1.64	0.39	156	156						
	-30	0.35	1.43	3.17	5.54	8.18	10.7	12.9	14.3	14.8	14.8	14.2	13.0	11.1	8.64	5.95	3.46	1.55	0.38	145	145						
	-40	0.34	1.33	2.88	4.99	7.36	9.62	11.5	12.7	13.1	13.1	12.7	11.6	9.95	7.78	5.36	3.13	1.43	0.36	130	130						
	-50	0.33	1.22	2.54	4.28	6.29	8.17	9.75	10.7	10.9	10.9	10.7	9.92	8.50	6.66	4.60	2.74	1.30	0.35	110	110						
	-60	0.31	1.10	2.19	3.49	4.98	6.45	7.64	8.31	8.41	8.46	8.45	7.90	6.80	5.33	3.74	2.29	1.16	0.34	87.4	87.4						
-70	0.30	0.98	1.82	2.76	3.66	4.55	5.26	5.58	5.49	5.56	5.78	5.58	4.88	3.89	2.83	1.86	1.03	0.32	62.2	62.2							
-80	0.29	0.88	1.49	2.07	2.53	2.86	3.00	2.88	2.54	2.57	2.95	3.06	2.87	2.49	2.05	1.51	0.91	0.31	37.3	36.7							
-90	0.28	0.80	1.23	1.54	1.66	1.64	1.48	1.18	0.78	0.75	1.09	1.35	1.53	1.59	1.50	1.23	0.82	0.30	20.8	14.6							
		-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)										20	30	40	50	60	70	80	90
Φ t	5.89	21.9	45.6	75.7	108	139	164	180	186	187	182	168	143	112	78.6	47.5	23.0	6.25	1875								
Φ a	5.89	21.9	45.6	75.7	108	138	163	179	184	185	180	166	142	112	78.6	47.5	23.0	6.25			1862						

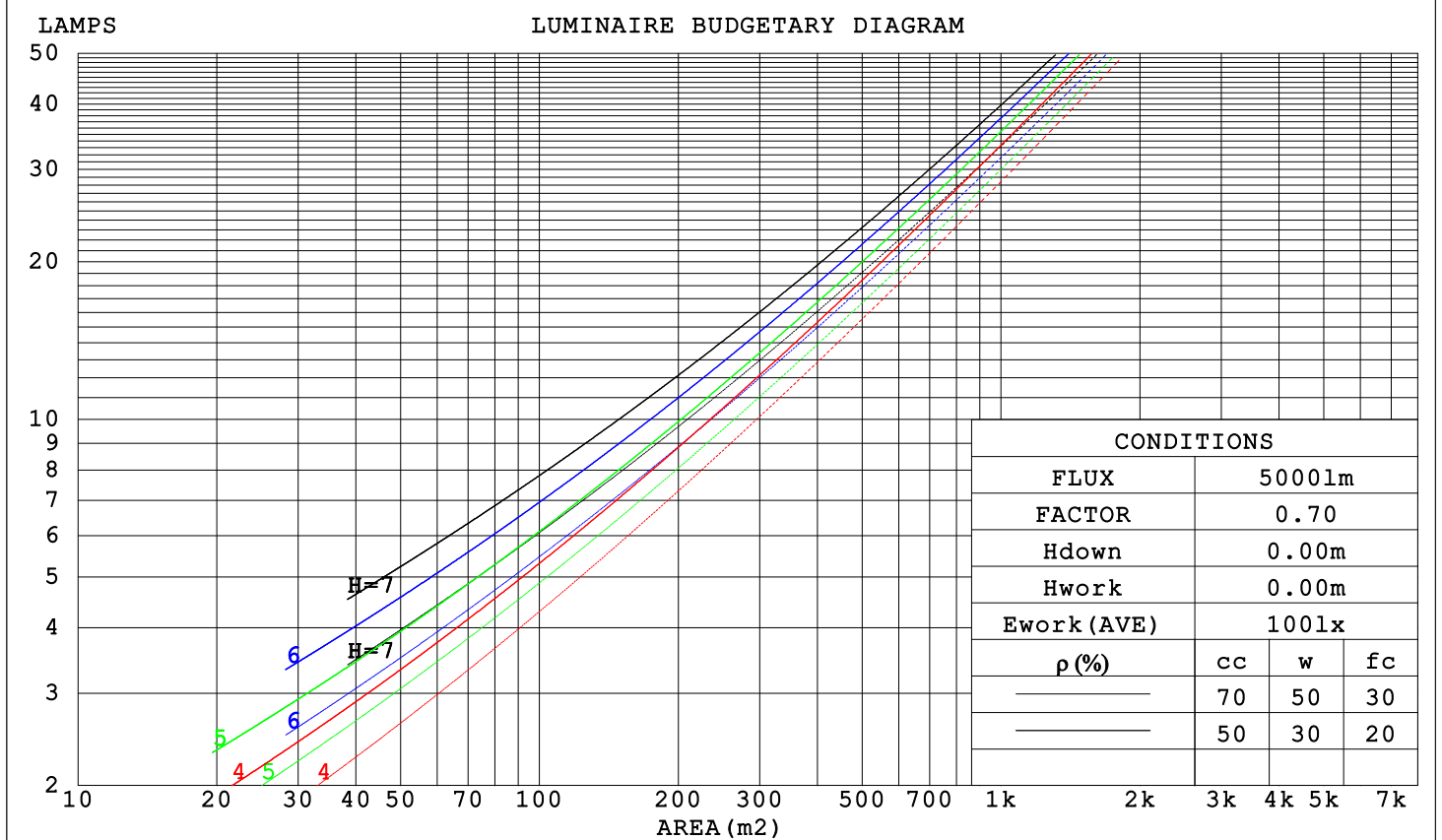
Test System:HopooColor HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2026-01-27

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

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

MANUFACTURER:ASD LIGHTING CORP															
Address:															
NAME: ASD-LVF28-24D25CC-NK								TYPE:				WEIGHT:			
SPECIFICATION: 5000K								DIMENSION: F-602mm				SERIAL No.:			

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	Coefficients of Utilization(CU)															
RCR:Room Cavity Ratio																
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	1.02	.97	.92	.99	.95	.91	.95	.91	.88	.91	.88	.85	.87	.85	.82	.80
2.0	.88	.80	.74	.86	.79	.73	.82	.76	.71	.79	.74	.69	.76	.71	.68	.66
3.0	.76	.67	.60	.75	.67	.60	.72	.65	.59	.69	.63	.58	.66	.61	.57	.54
4.0	.67	.58	.51	.66	.57	.50	.63	.56	.50	.61	.54	.49	.59	.53	.48	.46
5.0	.60	.50	.43	.59	.50	.43	.56	.49	.43	.54	.48	.42	.53	.46	.42	.39
6.0	.54	.44	.38	.53	.44	.37	.51	.43	.37	.49	.42	.37	.47	.41	.36	.34
7.0	.49	.39	.33	.48	.39	.33	.46	.38	.33	.45	.38	.32	.43	.37	.32	.30
8.0	.44	.35	.29	.43	.35	.29	.42	.34	.29	.41	.34	.29	.40	.33	.29	.27
9.0	.40	.32	.26	.40	.32	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.24
10.0	.37	.29	.24	.37	.29	.24	.36	.29	.24	.35	.28	.23	.34	.28	.23	.21



Test System:HopooColor HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2026-01-27

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

WEC AND CCEC

MANUFACTURER:ASD LIGHTING CORP															
Address:															
NAME: ASD-LVF28-24D25CC-NK								TYPE:				WEIGHT:			
SPECIFICATION: 5000K								DIMENSION: F-602mm				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	.354	.201	.064	.347	.198	.063	.333	.191	.061	.321	.185	.059	.310	.179	.058	
2.0	.319	.175	.054	.313	.172	.053	.301	.167	.052	.290	.163	.051	.280	.158	.050	
3.0	.289	.154	.046	.284	.152	.046	.273	.148	.045	.263	.144	.044	.254	.141	.044	
4.0	.264	.137	.040	.259	.135	.040	.249	.132	.039	.241	.129	.039	.233	.126	.038	
5.0	.242	.123	.036	.237	.122	.035	.229	.119	.035	.221	.117	.035	.214	.114	.034	
6.0	.223	.112	.032	.219	.110	.032	.211	.108	.032	.204	.106	.031	.198	.104	.031	
7.0	.206	.102	.029	.203	.101	.029	.196	.099	.029	.190	.097	.028	.184	.096	.028	
8.0	.192	.094	.026	.189	.093	.026	.183	.091	.026	.177	.090	.026	.172	.088	.026	
9.0	.179	.087	.024	.176	.086	.024	.171	.085	.024	.166	.083	.024	.161	.082	.024	
10.0	.168	.081	.022	.165	.080	.022	.161	.079	.022	.156	.078	.022	.152	.076	.022	

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	.183	.156	.131	.157	.134	.113	.107	.092	.078	.062	.053	.045	.020	.017	.015	
2.0	.176	.132	.095	.151	.113	.082	.103	.078	.057	.060	.046	.033	.019	.015	.011	
3.0	.168	.114	.072	.144	.099	.062	.099	.069	.044	.057	.040	.026	.018	.013	.008	
4.0	.160	.101	.056	.138	.088	.049	.095	.061	.034	.055	.036	.020	.018	.012	.007	
5.0	.153	.091	.045	.131	.079	.040	.090	.055	.028	.052	.032	.017	.017	.011	.005	
6.0	.145	.083	.038	.125	.072	.033	.086	.050	.023	.050	.030	.014	.016	.010	.005	
7.0	.138	.076	.032	.119	.066	.028	.082	.046	.020	.048	.027	.012	.015	.009	.004	
8.0	.131	.070	.028	.113	.061	.024	.078	.043	.017	.046	.025	.010	.015	.008	.003	
9.0	.125	.065	.025	.108	.057	.021	.075	.040	.015	.044	.023	.009	.014	.008	.003	
10.0	.119	.061	.022	.103	.053	.019	.071	.037	.014	.042	.022	.008	.013	.007	.003	

Test System:HopooColor HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2026-01-27

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

Uncorrected UGR Table

MANUFACTURER:ASD LIGHTING CORP										
Address:										
NAME: ASD-LVF28-24D25CC-NK					TYPE:			WEIGHT:		
SPECIFICATION: 5000K					DIMENSION: F-602mm			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	19.7	21.3	20.0	21.5	21.7	18.2	19.8	18.5	20.0	20.2
3H	21.8	23.2	22.1	23.5	23.7	19.5	21.0	19.8	21.2	21.5
4H	22.8	24.2	23.1	24.5	24.7	19.9	21.4	20.3	21.6	21.9
6H	23.9	25.2	24.2	25.5	25.8	20.1	21.5	20.5	21.7	22.0
8H	24.4	25.7	24.8	26.0	26.3	20.2	21.5	20.5	21.7	22.0
12H	25.1	26.3	25.4	26.6	26.9	20.2	21.4	20.5	21.7	22.0
4H 2H	20.2	21.7	20.6	21.9	22.2	19.1	20.5	19.5	20.8	21.1
3H	22.5	23.8	22.9	24.1	24.4	20.7	22.0	21.1	22.3	22.6
4H	23.7	24.8	24.1	25.2	25.5	21.3	22.4	21.7	22.8	23.1
6H	24.9	26.0	25.3	26.3	26.7	21.6	22.7	22.0	23.0	23.4
8H	25.6	26.6	26.0	26.9	27.3	21.7	22.7	22.1	23.0	23.4
12H	26.4	27.3	26.8	27.7	28.1	21.8	22.7	22.2	23.0	23.5
8H 4H	23.9	24.9	24.4	25.3	25.7	21.9	22.8	22.3	23.2	23.6
6H	25.4	26.2	25.8	26.6	27.0	22.5	23.3	22.9	23.7	24.1
8H	26.3	27.0	26.7	27.4	27.9	22.7	23.4	23.1	23.8	24.3
12H	27.3	27.9	27.8	28.4	28.8	22.8	23.5	23.3	23.9	24.4
12H 4H	23.9	24.8	24.4	25.2	25.6	22.0	22.9	22.5	23.3	23.7
6H	25.5	26.2	25.9	26.6	27.1	22.7	23.5	23.2	23.9	24.3
8H	26.4	27.0	26.9	27.5	28.0	23.0	23.7	23.5	24.1	24.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.2					+ 0.3 / - 0.4				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.6				

CIE Pub.117 Corrected 1875 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.2)

Test System:HopooColor HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2026-01-27

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

UTILIZATION FACTORS TABLE

MANUFACTURER:ASD LIGHTING CORP		
Address :		
NAME : ASD-LVF28-24D25CC-NK	TYPE :	WEIGHT :
SPECIFICATION : 5000K	DIMENSION : F-602mm	SERIAL No. :

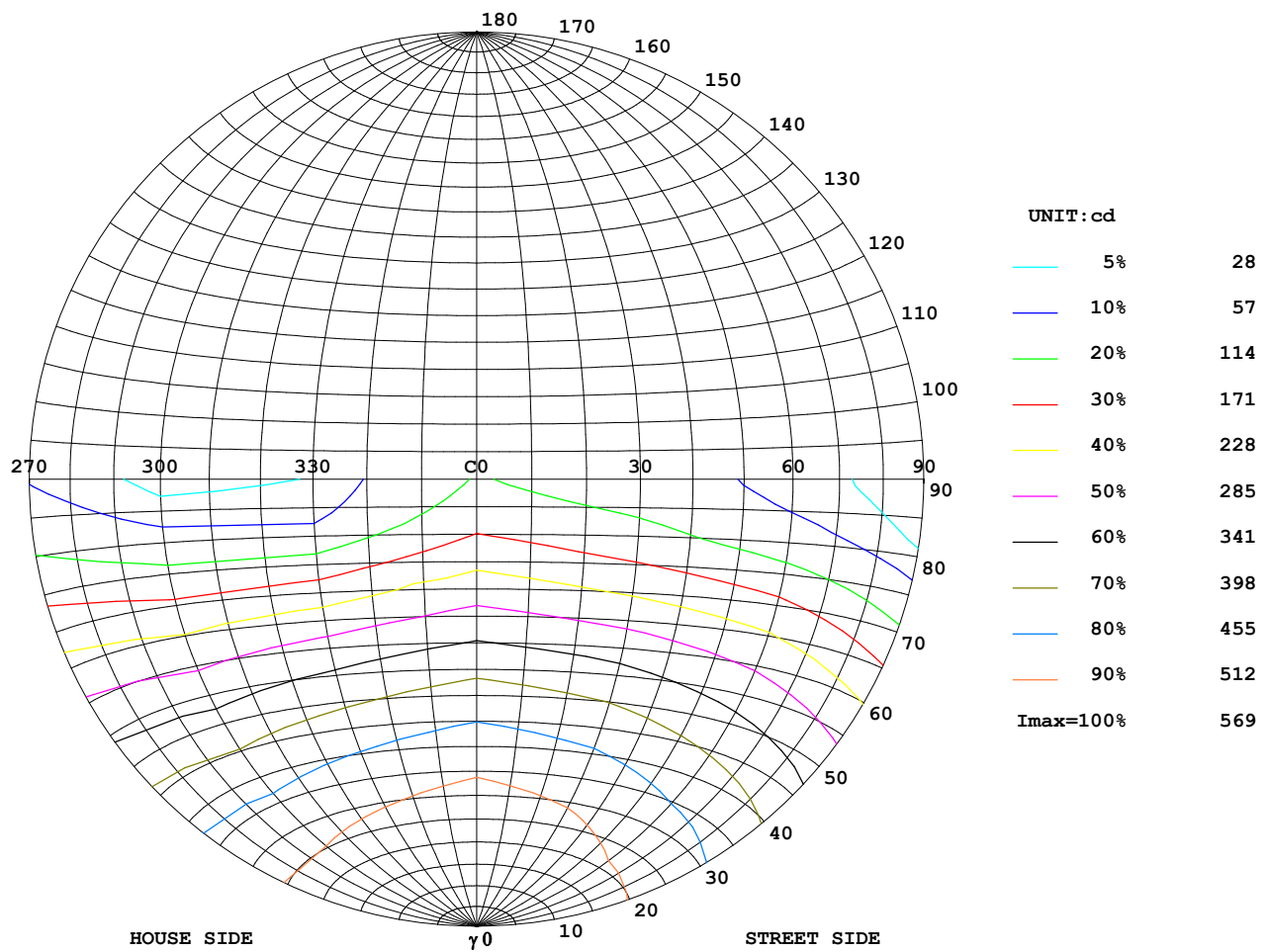
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	55	43	35	54	43	35	53	42	35	28
0.80	65	52	45	64	52	45	62	51	44	37
1.00	73	61	53	72	61	53	69	62	53	45
1.25	80	69	61	79	68	61	76	67	60	52
1.50	85	74	67	83	74	66	80	72	65	57
2.00	92	83	76	90	82	75	87	79	73	65
2.50	96	88	81	94	86	80	90	84	78	70
3.00	100	92	86	98	91	85	93	88	83	74
4.00	104	98	92	102	96	91	97	93	88	79
5.00	107	101	97	104	99	95	100	96	92	82
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004					Suspended			SHR _{NOM} = 1.25		

Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:
Test Date:2026-01-27

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

ISOCANDELA DIAGRAM

MANUFACTURER:ASD LIGHTING CORP		
Address:		
NAME: ASD-LVF28-24D25CC-NK	TYPE:	WEIGHT:
SPECIFICATION: 5000K	DIMENSION: F-602mm	SERIAL No.:



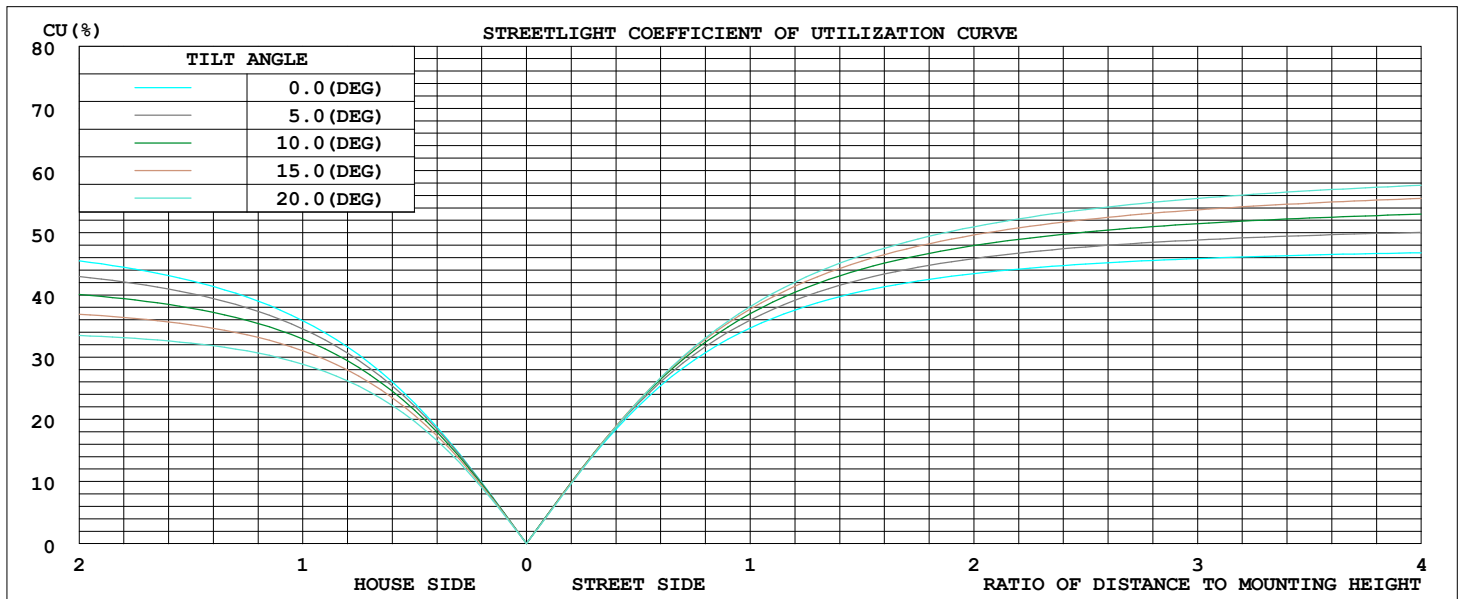
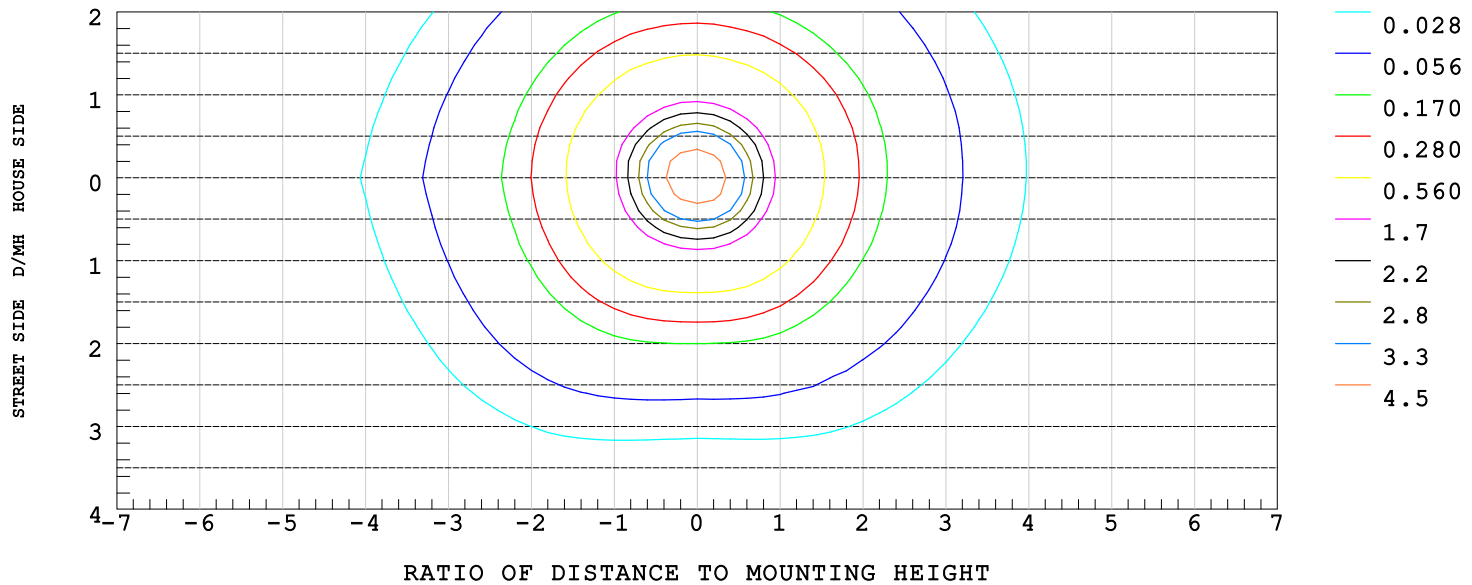
Test System:HopooColor HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2026-01-27

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

ISOLUX DIAGRAM

MANUFACTURER:ASD LIGHTING CORP		
Address:		
NAME: ASD-LVF28-24D25CC-NK	TYPE:	WEIGHT:
SPECIFICATION: 5000K	DIMENSION: F-602mm	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 5.57 lx

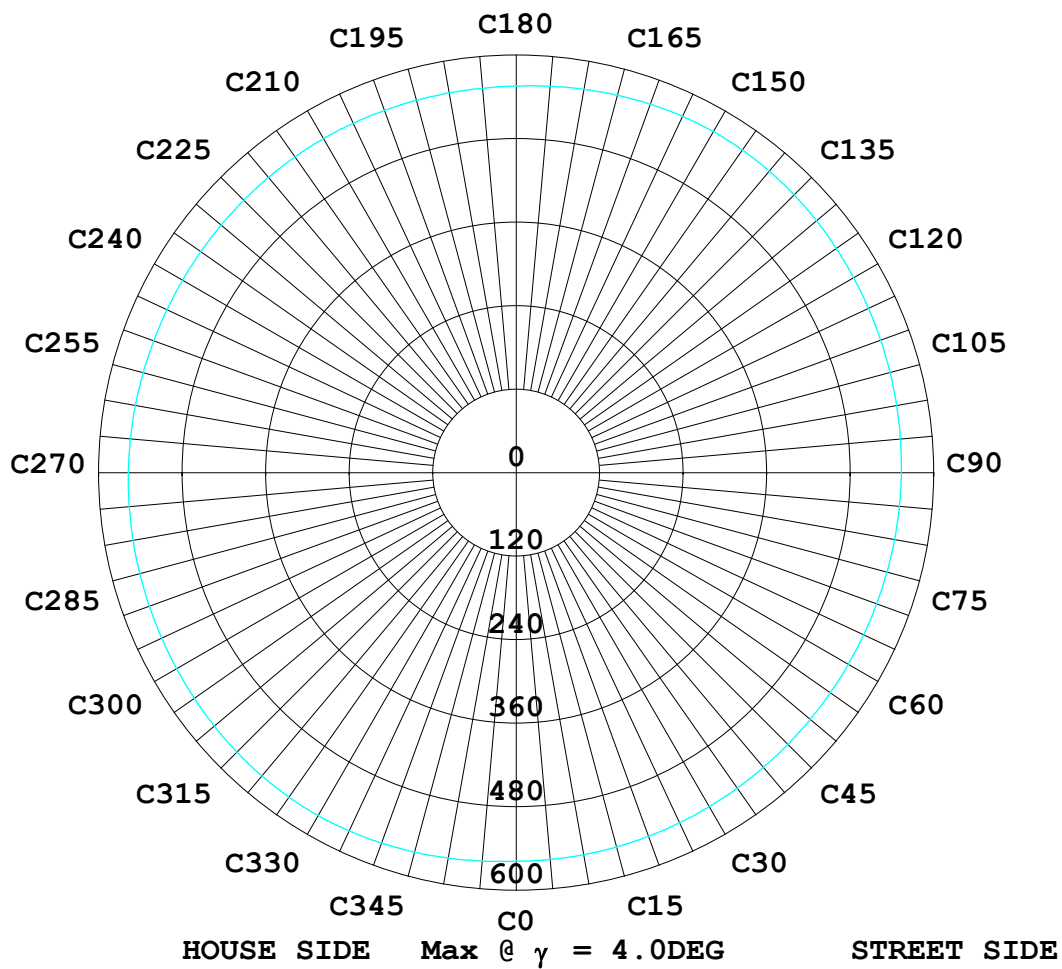


Test System:Hopoocolor HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2026-01-27

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

ISOCANDELA DIAGRAM

MANUFACTURER:ASD LIGHTING CORP		
Address:		
NAME: ASD-LVF28-24D25CC-NK	TYPE:	WEIGHT:
SPECIFICATION: 5000K	DIMENSION: F-602mm	SERIAL No.:



Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:
Test Date:2026-01-27

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

LUMINOUS DISTRIBUTION INTENSITY DATA

MANUFACTURER:ASD LIGHTING CORP		
Address:		
NAME: ASD-LVF28-24D25CC-NK	TYPE:	WEIGHT:
SPECIFICATION: 5000K	DIMENSION: F-602mm	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	557	555	553	557	563	568	557	555	553	557	563	568
5.0	558	554	550	552	559	566	555	554	553	557	563	569
10.0	559	551	543	543	551	560	552	551	549	553	560	568
15.0	557	546	532	529	540	552	545	545	542	544	553	565
20.0	551	538	518	511	525	539	535	536	530	531	542	559
25.0	541	525	500	488	507	523	521	522	514	513	527	549
30.0	526	508	479	460	483	501	503	505	494	492	508	534
35.0	506	487	454	430	456	477	481	483	469	465	485	515
40.0	483	461	425	395	426	447	455	457	441	435	458	491
45.0	454	431	393	357	391	414	425	428	409	401	426	463
50.0	422	398	357	317	353	379	391	395	372	363	390	426
55.0	385	359	319	272	312	340	355	358	334	321	350	383
60.0	344	318	277	225	267	299	316	319	291	278	305	334
65.0	301	270	232	175	220	252	275	276	247	230	254	278
70.0	258	221	185	123	173	205	235	229	203	180	197	221
75.0	214	175	133	74.9	127	169	193	187	157	129	137	169
80.0	172	133	84.5	35.1	89.8	134	157	151	115	78.4	77.5	127
85.0	139	104	55.8	16.1	61.9	105	128	116	79.5	39.0	41.7	99.7
90.0	118	81.9	42.0	10.3	46.0	85.3	112	88.6	54.2	19.4	29.2	81.3

Test System:HopooColor HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2026-01-27

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