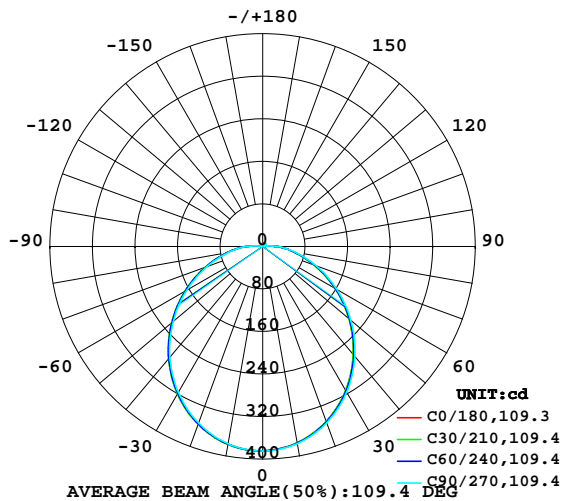


LUMINAIRE PHOTOMETRIC TEST REPORT

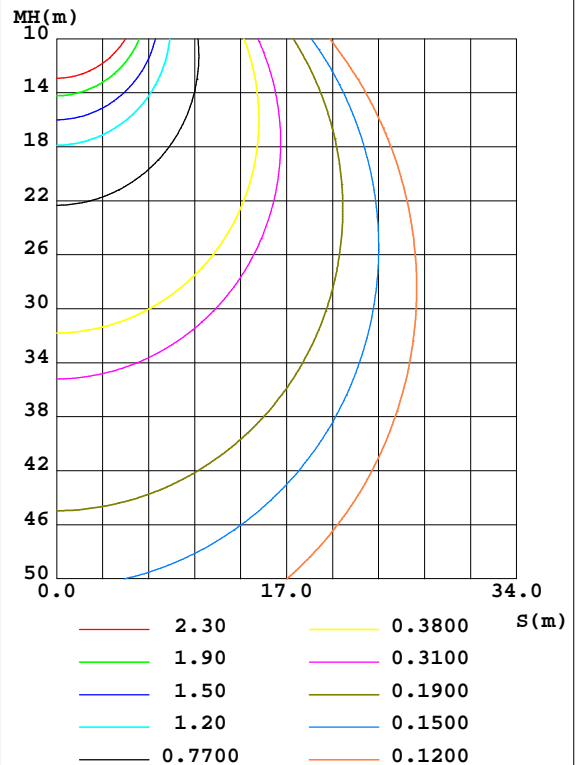
Test:U:220.0V I:0.0504A P:10.28W PF:0.9263 Lamp Flux:1145.42x1 lm		
NAME: 원형센서 / Z-CLS-10e	TYPE:LED	WEIGHT:
SPEC.:10W	DIM.:	SERIAL No.:
MFR.: ICEPIPE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 111.47 lm/W			
MODEL	GCL-10S	Imax(cd)	384.6	S/MH(C0/180)	1.24
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	1.23
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	1145.4	η UP,DN(C0-180)	1.5,48.2
NOMINAL FLUX(lm)	1145.42	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.4,48.8
LAMPS INSIDE	1	η up(%)	2.9	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220	η down(%)	97.1	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ARK
 Test Date:28 September 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:8.100m [K=1.0000]
 Remarks: GCL-S10 / Z-CLS-10e

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	374.9	375.1	376.3	377.6	377.7	377.5	376.6	375.1	0- 10	36.31	36.31	3.17,3.17
20	350.0	350.7	352.7	355.5	355.8	355.3	353.3	350.5	10- 20	103.4	139.7	12.2,12.2
30	312.6	313.5	316.1	319.9	320.4	320.0	317.2	313.2	20- 30	154.9	294.6	25.7,25.7
40	265.3	266.8	269.6	274.5	275.3	274.4	271.8	266.3	30- 40	184.2	478.8	41.8,41.8
50	212.2	213.5	216.6	222.2	223.5	222.7	219.7	213.6	40- 50	188.9	667.6	58.3,58.3
60	156.6	157.8	160.7	166.8	168.4	167.9	165.0	158.5	50- 60	170.3	838.0	73.2,73.2
70	103.5	103.9	107.2	112.5	114.2	114.9	111.5	105.8	60- 70	134.3	972.3	84.9,84.9
80	59.73	59.48	61.28	65.94	67.38	68.21	65.23	61.18	70- 80	90.16	1062	92.8,92.8
90	26.56	25.44	27.07	28.93	30.24	31.34	29.89	26.31	80- 90	49.40	1112	97.1,97.1
100	2.637	2.335	5.824	2.311	2.306	1.837	2.420	1.796	90-100	13.03	1125	98.2,98.2
110	2.803	2.605	2.725	2.788	2.064	2.245	1.933	1.850	100-110	2.691	1128	98.4,98.4
120	4.279	4.199	3.915	4.501	3.093	3.411	3.640	3.300	110-120	2.970	1131	98.7,98.7
130	5.237	5.930	5.998	6.354	4.476	4.372	4.894	4.280	120-130	3.852	1134	99,99
140	5.439	5.021	7.984	5.316	5.241	3.510	6.536	3.342	130-140	4.189	1139	99.4,99.4
150	7.004	4.282	5.568	4.624	5.442	3.750	4.635	5.075	140-150	3.039	1142	99.7,99.7
160	4.727	4.595	4.881	4.391	5.545	4.580	4.264	4.006	150-160	2.017	1144	99.8,99.8
170	4.519	4.583	4.829	4.415	4.624	4.011	4.053	4.547	160-170	1.343	1145	100,100
180	4.225	4.234	4.225	4.243	4.225	4.234	4.225	4.243	170-180	0.4141	1145	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 574.17 lm

%lum = 50.1%

%lamp = 50.1%

Conical surface Flux(120deg): 838 lm

%lum = 73.2%

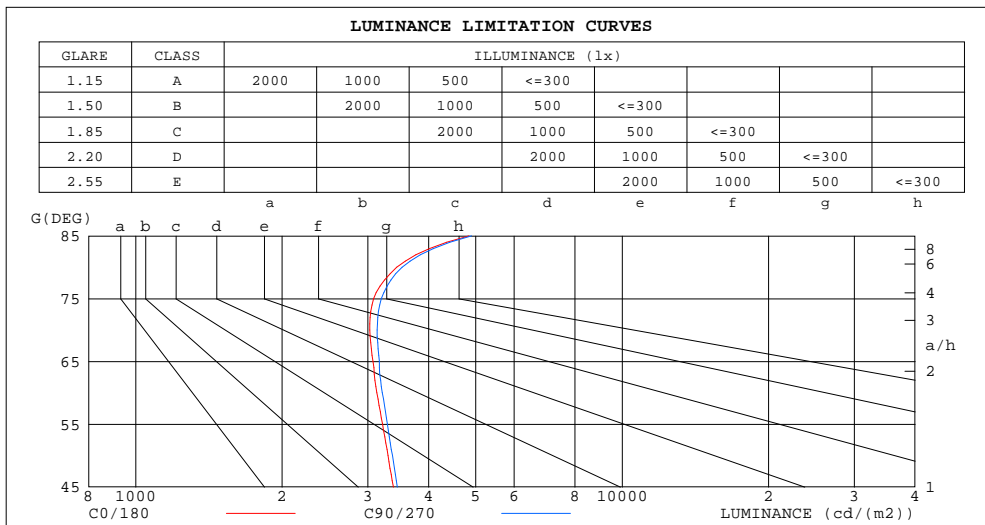
%lamp = 73.2%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ARK
Test Date:28 September 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:8.100m [K=1.0000]
Remarks: GCL-S10 / Z-CLS-10e

LUMINANCE LIMITATION CURVES

Test:U:220.0V I:0.0504A P:10.28W PF:0.9263 Lamp Flux:1145.42x1 lm		
NAME: 원형센서 / Z-CLS-10e	TYPE:LED	WEIGHT:
SPEC.:10W	DIM.:	SERIAL No.:
MFR.: ICEPIPE	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	4846	4904
80	3440	3529
75	3084	3198
70	3027	3135
65	3074	3167
60	3132	3214
55	3215	3293
50	3302	3369
45	3385	3447

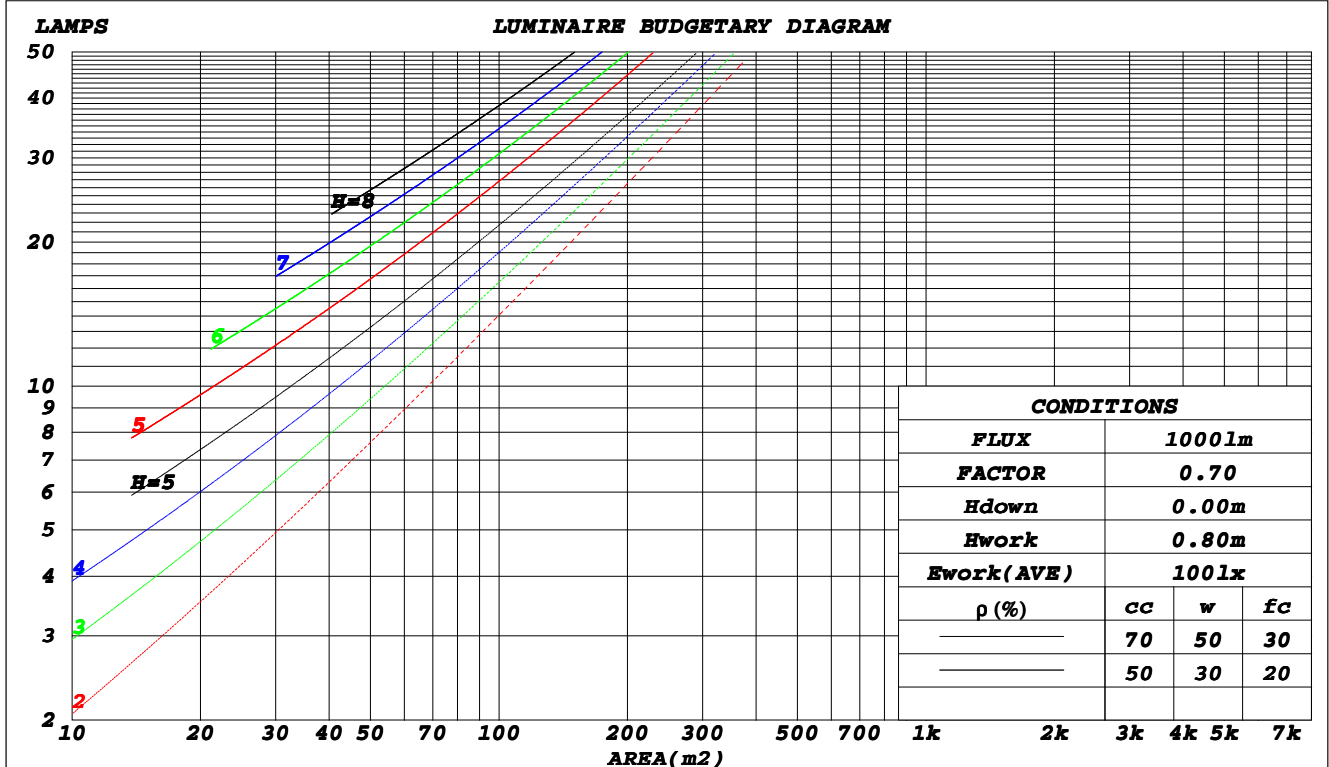
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ARK
Test Date: 28 September 2022

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 8.100m [K=1.0000]
Remarks: GCL-S10 / Z-CLS-10e

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.0V I:0.0504A P:10.28W PF:0.9263 Lamp Flux:1145.42x1 lm		
NAME: 원형센서 / Z-CLS-10e	TYPE:LED	WEIGHT:
SPEC.:10W	DIM.:	SERIAL No.:
MFR.: ICEPIPE	SUR.:	Shielding Angle:

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	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.97
1.0	1.02	.97	.93	.99	.95	.91	.94	.91	.88	.90	.87	.84	.86	.83	.81	.79
2.0	.88	.81	.75	.86	.79	.74	.82	.76	.72	.78	.74	.70	.75	.71	.68	.65
3.0	.77	.69	.62	.75	.68	.61	.72	.65	.60	.69	.63	.58	.66	.61	.57	.55
4.0	.68	.59	.52	.67	.58	.52	.64	.57	.51	.61	.55	.50	.59	.53	.49	.47
5.0	.61	.52	.45	.60	.51	.45	.57	.50	.44	.55	.48	.43	.53	.47	.42	.40
6.0	.55	.46	.39	.54	.45	.39	.52	.44	.38	.50	.43	.38	.48	.42	.37	.35
7.0	.50	.41	.35	.49	.40	.35	.47	.40	.34	.45	.39	.34	.44	.38	.33	.31
8.0	.45	.37	.31	.45	.36	.31	.43	.36	.30	.42	.35	.30	.40	.34	.30	.28
9.0	.42	.33	.28	.41	.33	.28	.40	.32	.27	.38	.32	.27	.37	.31	.27	.25
10.0	.39	.31	.25	.38	.30	.25	.37	.30	.25	.36	.29	.25	.34	.29	.24	.23



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: ARK
 Test Date: 28 September 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.351
 Humidity: 65.0%
 Test Distance: 8.100m [K=1.0000]
 Remarks: GCL-S10 / Z-CLS-10e

WEC AND CCEC

Test:U:220.0V I:0.0504A P:10.28W PF:0.9263 Lamp Flux:1145.42x1 lm		
NAME: 원형센서 / Z-CLS-10e	TYPE:LED	WEIGHT:
SPEC.:10W	DIM.:	SERIAL No.:
MFR.: ICEPIPE	SUR.:	Shielding Angle:

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						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.338	.192	.061	.330	.188	.060	.315	.181	.058	.301	.174	.056	.288	.167	.054		
2.0	.306	.168	.051	.299	.165	.051	.286	.159	.049	.273	.153	.048	.262	.148	.047		
3.0	.279	.148	.044	.272	.146	.044	.260	.141	.043	.249	.137	.042	.239	.132	.041		
4.0	.255	.132	.039	.249	.130	.039	.238	.126	.038	.229	.123	.037	.219	.119	.036		
5.0	.234	.119	.035	.229	.118	.034	.220	.114	.034	.211	.111	.033	.202	.108	.033		
6.0	.216	.108	.031	.212	.107	.031	.203	.104	.030	.195	.101	.030	.188	.099	.029		
7.0	.200	.099	.028	.196	.098	.028	.189	.095	.028	.182	.093	.027	.175	.091	.027		
8.0	.187	.091	.026	.183	.090	.025	.176	.088	.025	.170	.086	.025	.164	.084	.025		
9.0	.175	.085	.024	.172	.084	.023	.165	.082	.023	.160	.080	.023	.154	.078	.023		
10.0	.164	.079	.022	.161	.078	.022	.156	.076	.021	.150	.075	.021	.145	.073	.021		

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.213	.213	.213	.182	.182	.182	.124	.124	.124	.071	.071	.071	.023	.023	.023	
1.0	.205	.178	.155	.175	.153	.133	.120	.105	.092	.069	.061	.054	.022	.020	.017	
2.0	.197	.154	.119	.169	.133	.103	.116	.092	.072	.067	.054	.042	.021	.017	.014	
3.0	.189	.137	.096	.162	.118	.083	.111	.082	.058	.064	.048	.034	.021	.016	.011	
4.0	.181	.124	.080	.155	.107	.070	.107	.075	.049	.062	.044	.029	.020	.014	.010	
5.0	.173	.114	.070	.149	.098	.061	.103	.069	.043	.059	.040	.025	.019	.013	.008	
6.0	.166	.105	.062	.143	.091	.054	.098	.064	.038	.057	.038	.023	.018	.012	.007	
7.0	.159	.099	.056	.137	.085	.049	.095	.060	.035	.055	.035	.021	.018	.012	.007	
8.0	.153	.093	.052	.131	.080	.045	.091	.056	.032	.053	.033	.019	.017	.011	.006	
9.0	.146	.088	.048	.126	.076	.042	.087	.054	.030	.051	.032	.018	.016	.010	.006	
10.0	.141	.084	.046	.121	.073	.040	.084	.051	.028	.049	.030	.017	.016	.010	.006	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ARK
Test Date:28 September 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:8.100m [K=1.0000]
Remarks: GCL-S10 / Z-CLS-10e

UGR(Unified Glare Rating) Table

Test:U:220.0V I:0.0504A P:10.28W PF:0.9263 Lamp Flux:1145.42x1 lm										
NAME: 원형센서 / Z-CLS-10e						TYPE:LED			WEIGHT:	
SPEC.:10W						DIM.:			SERIAL No.:	
MFR.: ICEPIPE						SUR.:			Shielding Angle:	
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	16.5	18.0	16.8	18.3	18.5	16.6	18.1	16.9	18.4	18.6
3H	18.1	19.5	18.5	19.8	20.1	18.3	19.7	18.6	19.9	20.2
4H	18.9	20.2	19.2	20.5	20.8	19.0	20.4	19.4	20.7	21.0
6H	19.6	20.9	20.0	21.2	21.5	19.8	21.0	20.1	21.3	21.7
8H	20.0	21.2	20.3	21.5	21.9	20.1	21.3	20.5	21.7	22.0
12H	20.3	21.5	20.7	21.9	22.2	20.5	21.7	20.9	22.0	22.4
4H 2H	17.1	18.5	17.5	18.8	19.1	17.2	18.5	17.6	18.8	19.2
3H	18.9	20.1	19.3	20.5	20.8	19.1	20.2	19.5	20.6	20.9
4H	19.8	20.9	20.3	21.3	21.7	20.0	21.0	20.4	21.4	21.8
6H	20.7	21.7	21.2	22.1	22.5	20.9	21.8	21.3	22.2	22.7
8H	21.2	22.1	21.7	22.5	23.0	21.3	22.2	21.8	22.6	23.1
12H	21.7	22.5	22.2	22.9	23.4	21.8	22.6	22.3	23.1	23.5
8H 4H	20.2	21.1	20.7	21.5	22.0	20.3	21.2	20.8	21.6	22.1
6H	21.3	22.1	21.8	22.5	23.0	21.4	22.2	21.9	22.6	23.1
8H	21.9	22.6	22.4	23.1	23.6	22.0	22.7	22.5	23.2	23.7
12H	22.6	23.2	23.1	23.7	24.2	22.7	23.3	23.2	23.8	24.3
12H 4H	20.3	21.1	20.7	21.5	22.0	20.4	21.2	20.8	21.6	22.1
6H	21.5	22.1	22.0	22.6	23.1	21.6	22.2	22.1	22.7	23.2
8H	22.1	22.7	22.7	23.2	23.8	22.2	22.8	22.8	23.3	23.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117 Corrected 1145 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.5)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ARK
Test Date:28 September 2022

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:8.100m [K=1.0000]
Remarks: GCL-S10 / Z-CLS-10e

UTILIZATION FACTORS TABLE

Test:U:220.0V I:0.0504A P:10.28W PF:0.9263 Lamp Flux:1145.42x1 lm		
NAME: 원형센서 / Z-CLS-10e	TYPE:LED	WEIGHT:
SPEC.:10W	DIM.:	SERIAL No.:
MFR.: ICEPIPE	SUR.:	Shielding Angle:

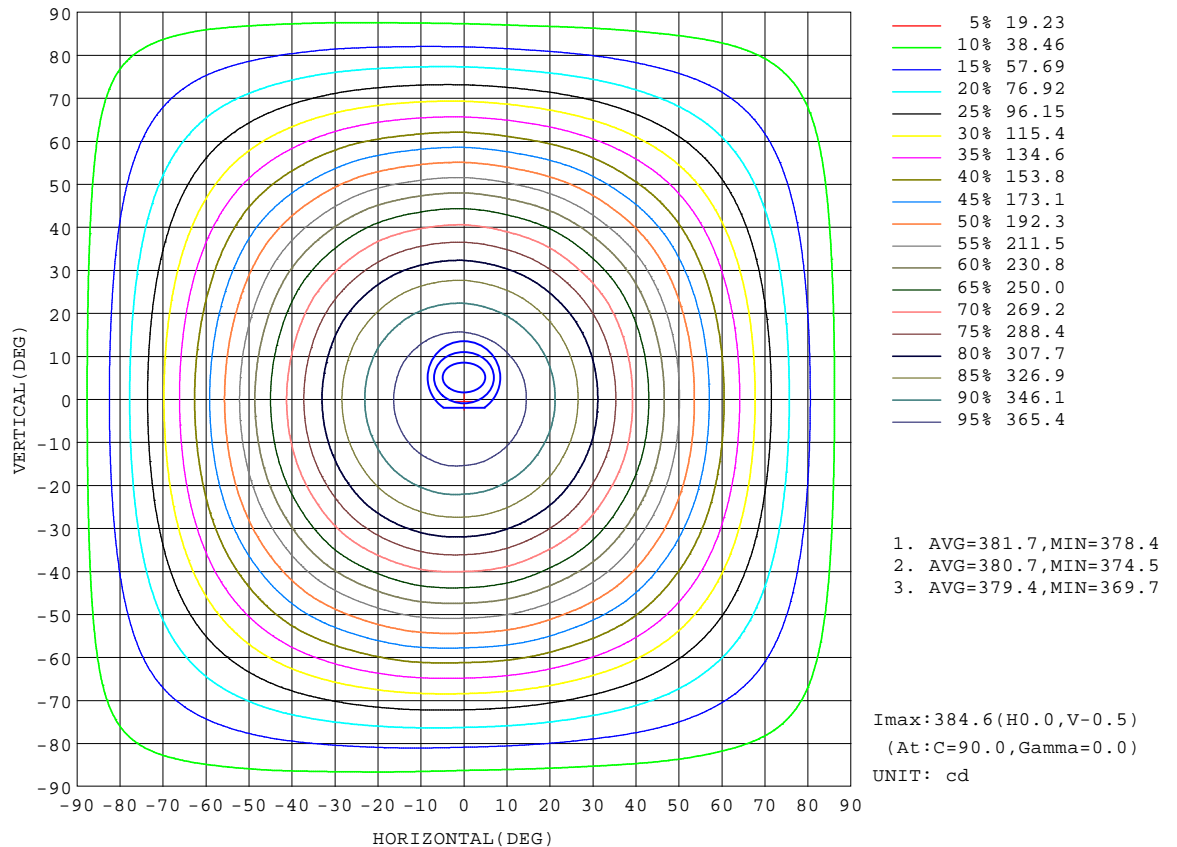
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	43	37	30
0.80	66	54	46	65	53	46	63	52	46	38
1.00	74	62	55	72	62	54	70	63	54	46
1.25	81	70	62	79	69	62	76	67	61	53
1.50	86	75	68	84	74	67	80	72	66	58
2.00	93	83	76	90	82	76	87	79	74	65
2.50	97	88	82	94	87	81	90	84	78	69
3.00	100	92	86	97	91	85	93	87	83	73
4.00	104	98	93	101	96	91	97	92	88	78
5.00	107	101	97	104	99	95	99	95	91	81
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ARK
 Test Date:28 September 2022

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:8.100m [K=1.0000]
 Remarks: GCL-S10 / Z-CLS-10e

ISOCANDELA DIAGRAM

Test:U:220.0V I:0.0504A P:10.28W PF:0.9263 Lamp Flux:1145.42x1 lm		
NAME: 원형센서 / Z-CLS-10e	TYPE:LED	WEIGHT:
SPEC.:10W	DIM.:	SERIAL No.:
MFR.: ICEPIPE	SUR.:	Shielding Angle:

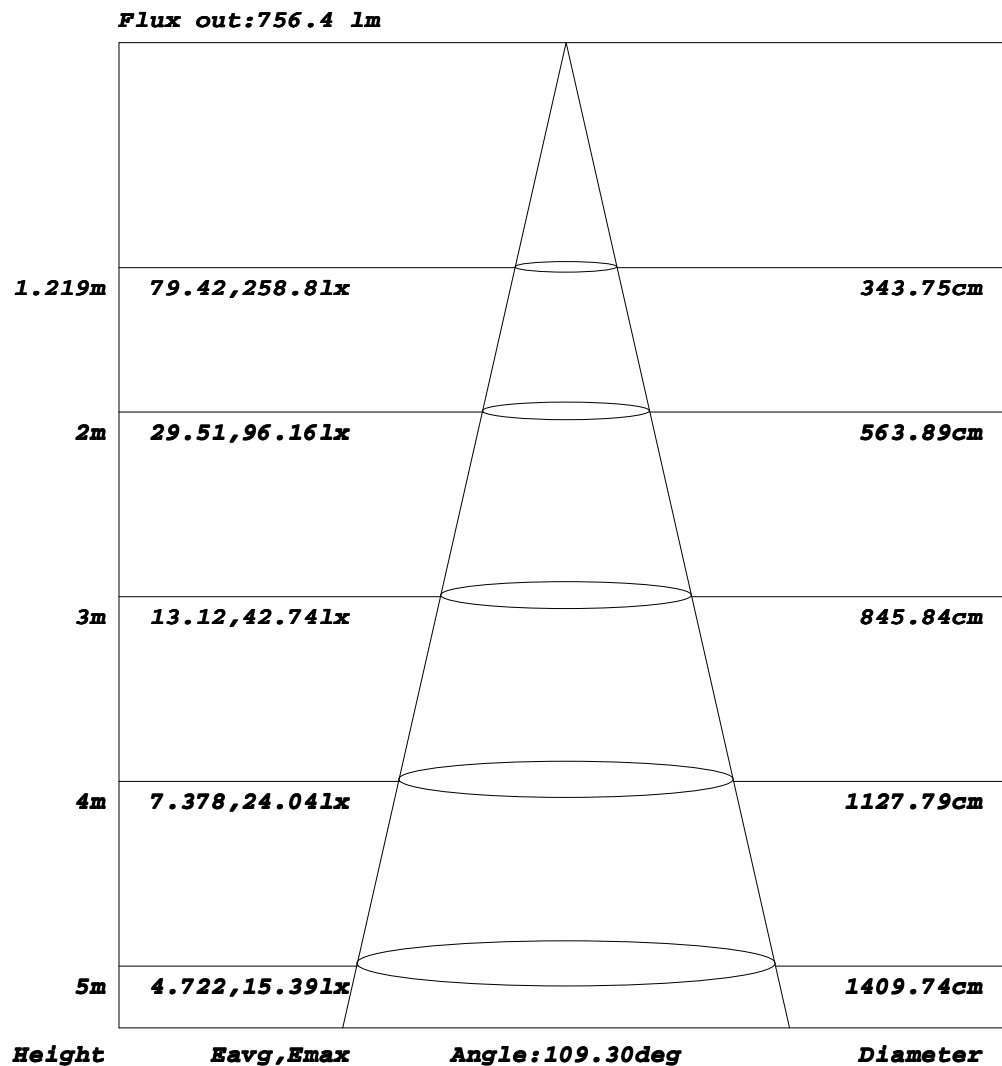


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ARK
Test Date: 28 September 2022

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 8.100m [K=1.0000]
Remarks: GCL-S10 / Z-CLS-10e

AAI Figure

Test:U:220.0V I:0.0504A P:10.28W PF:0.9263 Lamp Flux:1145.42x1 lm		
NAME: 원형센서 / Z-CLS-10e	TYPE:LED	WEIGHT:
SPEC.:10W	DIM.:	SERIAL No.:
MFR.: ICEPIPE	SUR.:	Shielding Angle:



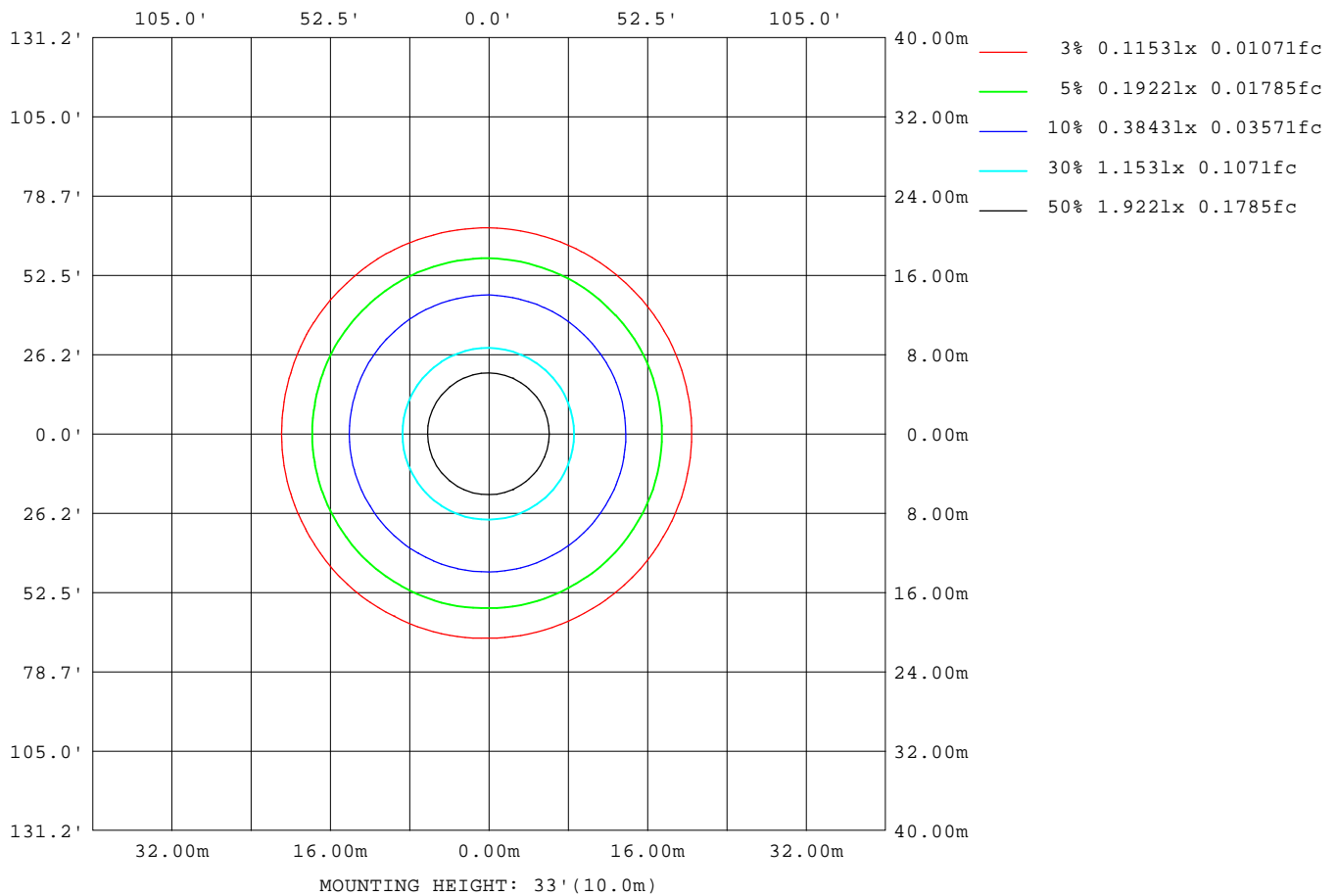
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ARK
Test Date: 28 September 2022

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 8.100m [K=1.0000]
Remarks: GCL-S10 / Z-CLS-10e

ISOLUX DIAGRAM

Test:U:220.0V I:0.0504A P:10.28W PF:0.9263 Lamp Flux:1145.42x1 lm		
NAME: 원형센서 / Z-CLS-10e	TYPE:LED	WEIGHT:
SPEC.:10W	DIM.:	SERIAL No.:
MFR.: ICEPIPE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ARK
Test Date: 28 September 2022

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 8.100m [K=1.0000]
Remarks: GCL-S10 / Z-CLS-10e

LED Avg.L Report

Test:U:220.0V I:0.0504A P:10.28W PF:0.9263 Lamp Flux:1145.42x1 lm		
NAME: 원형센서 / Z-CLS-10e	TYPE:LED	WEIGHT:
SPEC.:10W	DIM.:	SERIAL No.:
MFR.: ICEPIPE	SUR.:	Shielding Angle:

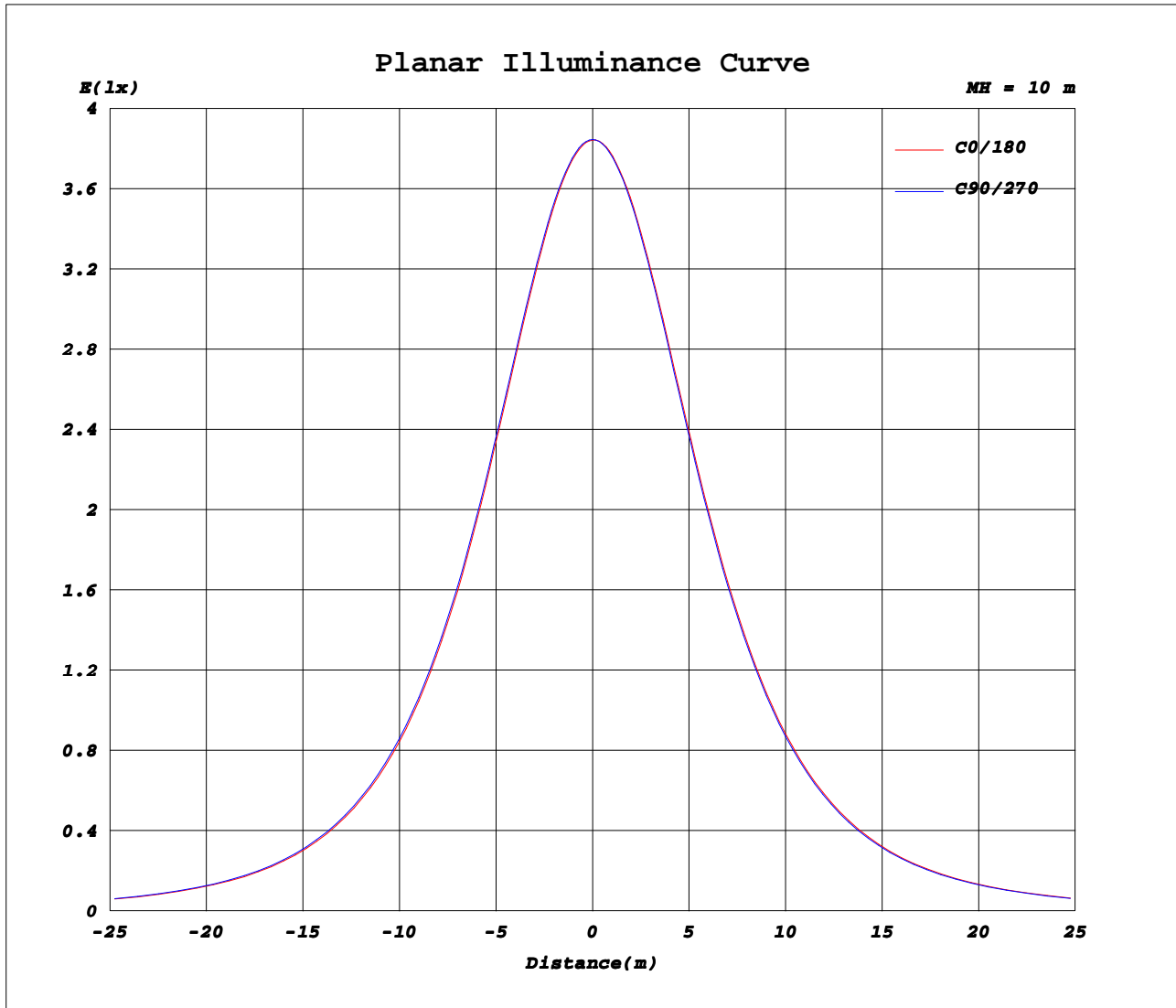
AvgL	cd/m2
L_0~180(65)av	3205
L_0~180(75)av	3268
L_0~180(85)av	5178
L_90~270(65)av	3214
L_90~270(75)av	3281
L_90~270(85)av	5103
L_45(65)av	3208
L_45(75)av	3285
L_45(85)av	5179

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ARK
Test Date: 28 September 2022

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 8.100m [K=1.0000]
Remarks: GCL-S10 / Z-CLS-10e

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ARK
Test Date: 28 September 2022

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 8.100m [K=1.0000]
Remarks: GCL-S10 / Z-CLS-10e

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.0V I:0.0504A P:10.28W PF:0.9263 Lamp Flux:1145.42x1 lm		
NAME: 원형센서 / Z-CLS-10e	TYPE:LED	WEIGHT:
SPEC.:10W	DIM.:	SERIAL No.:
MFR.: ICEPIPE	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	384	384	384	385	384	385	385	384	385	384	384	385	384	384	384	385	384	385	385
5	382	382	381	382	382	382	382	383	383	383	383	383	383	383	383	383	383	383	382
10	375	375	375	375	375	376	376	377	377	378	378	378	378	378	378	377	377	377	377
15	364	364	364	365	365	366	366	367	368	368	368	369	369	369	369	368	368	367	367
20	350	350	350	351	351	352	353	354	355	355	356	356	356	356	356	355	355	354	353
25	333	333	333	333	334	335	336	337	338	339	339	339	340	340	340	339	339	338	337
30	313	313	313	314	314	315	316	318	319	320	320	320	320	320	321	320	319	318	317
35	290	290	290	291	291	293	294	296	297	298	298	299	299	299	299	298	298	296	295
40	265	266	265	267	267	269	270	272	273	274	274	275	275	275	276	274	274	272	272
45	239	240	239	241	241	243	244	247	247	249	248	250	250	249	250	249	249	247	246
50	212	213	212	213	214	216	217	220	220	222	222	223	223	223	224	223	223	221	220
55	184	185	184	186	186	188	189	192	192	195	194	196	196	196	197	195	196	193	192
60	157	157	156	158	158	160	161	164	165	167	166	168	168	168	169	168	168	166	165
65	130	130	129	130	131	133	134	136	138	139	139	140	141	141	142	141	141	139	138
70	104	103	103	104	104	106	107	109	111	112	113	114	114	115	115	115	114	113	112
75	79.8	79.7	79.4	80.0	80.5	81.7	82.8	84.8	86.3	87.8	88.3	88.9	89.4	89.8	90.4	90.2	89.9	88.4	87.1
80	59.7	59.5	59.3	59.5	59.5	60.3	61.3	63.1	64.5	65.9	66.5	67.1	67.4	67.8	68.4	68.2	67.9	66.4	65.2
85	42.2	41.8	41.4	41.6	41.5	42.0	42.7	44.4	45.6	46.8	47.3	47.8	48.0	48.4	49.0	48.8	48.5	47.2	46.2
90	26.6	26.1	25.4	25.4	25.5	26.4	27.1	27.8	28.2	28.9	29.3	30.0	30.2	30.7	31.4	31.3	31.3	30.5	29.9
95	10.3	9.06	5.84	3.78	9.10	13.2	15.2	13.2	9.20	3.91	6.62	9.39	10.3	10.0	8.41	5.06	11.1	14.8	16.6
100	2.64	2.53	2.62	2.33	2.96	5.34	5.82	5.39	2.66	2.31	3.02	2.83	2.31	2.31	2.70	1.84	1.93	2.03	2.42
105	2.78	3.12	2.78	2.51	2.90	3.24	3.24	3.23	2.60	2.56	3.10	3.09	2.18	2.37	2.50	2.22	2.21	2.52	2.60
110	2.80	2.99	2.90	2.61	2.71	2.74	2.72	2.68	2.58	2.79	3.28	3.11	2.06	2.34	2.51	2.24	1.84	1.86	1.93
115	2.82	3.02	4.09	3.53	3.08	2.74	2.72	2.70	3.02	3.40	4.16	3.46	2.38	2.64	3.04	2.58	2.66	2.34	2.41
120	4.28	3.80	4.16	4.20	4.56	3.98	3.91	4.03	4.44	4.50	3.83	3.24	3.09	2.66	2.88	3.41	3.85	3.64	3.64
125	4.30	3.72	4.32	5.42	5.18	4.99	4.95	5.06	5.21	5.52	4.80	3.66	3.69	2.94	3.53	4.00	4.30	4.28	4.36
130	5.24	4.41	5.45	5.93	6.41	6.07	6.00	6.11	6.68	6.35	5.81	4.34	4.48	3.25	3.63	4.37	4.62	4.85	4.89
135	5.35	4.71	4.63	5.89	7.19	7.89	7.28	8.92	7.27	6.14	5.87	5.34	5.16	5.16	3.44	4.65	4.78	5.16	5.74
140	5.44	5.12	4.49	5.02	6.39	7.32	7.98	6.97	6.43	5.32	4.78	5.72	5.24	4.27	4.74	3.51	5.18	5.20	6.54
145	5.68	5.83	4.78	3.89	4.98	5.98	6.45	6.06	5.47	3.96	4.29	5.06	6.54	4.67	3.84	3.50	3.48	5.09	5.77
150	7.00	4.33	5.01	4.28	4.29	5.23	5.57	5.55	3.89	4.62	4.41	4.47	5.44	3.89	3.84	3.75	3.83	4.14	4.63
155	4.03	4.14	4.57	4.07	4.33	5.00	3.91	4.13	4.17	4.28	4.29	4.33	4.13	4.21	4.14	3.63	4.58	3.90	3.70
160	4.73	4.66	4.42	4.60	5.15	4.78	4.88	4.75	4.69	4.39	4.32	4.97	5.54	5.01	3.96	4.58	4.94	4.36	4.26
165	5.15	4.95	4.87	4.66	5.05	5.18	5.03	5.07	5.03	4.73	5.71	6.07	5.91	5.72	4.36	4.20	4.61	4.28	3.97
170	4.52	5.15	4.78	4.58	5.50	4.82	4.83	4.49	4.39	4.41	4.96	5.13	4.62	4.43	4.37	4.01	4.08	4.06	4.05
175	4.24	4.25	4.25	4.23	4.24	4.23	4.23	4.22	4.23	4.25	4.25	4.23	4.15	4.16	4.16	4.15	4.14	4.17	4.19
180	4.22	4.22	4.23	4.23	4.23	4.22	4.22	4.23	4.24	4.24	4.23	4.23	4.22	4.22	4.23	4.23	4.23	4.22	4.22

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:ARK

Test Date:28 September 2022

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.351

Humidity:65.0%

Test Distance:8.100m [K=1.0000]

Remarks: GCL-S10 / Z-CLS-10e

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.0V I:0.0504A P:10.28W PF:0.9263 Lamp Flux:1145.42x1 lm		
NAME: 원형센서 / Z-CLS-10e	TYPE:LED	WEIGHT:
SPEC.:10W	DIM.:	SERIAL No.:
MFR.: ICEPIPE	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEC) γ (DEC)	285	300	315	330	345														
0	384	385	384	384	385														
5	382	382	382	382	382														
10	376	375	375	375	375														
15	366	365	365	365	364														
20	352	351	351	351	350														
25	335	334	333	333	333														
30	315	314	313	313	313														
35	293	292	291	291	290														
40	269	268	266	267	266														
45	243	243	240	241	240														
50	217	216	214	214	213														
55	189	188	186	186	185														
60	162	161	158	159	157														
65	135	134	132	131	131														
70	109	108	106	105	104														
75	85.0	83.6	82.0	81.2	80.3														
80	63.5	62.5	61.2	60.7	60.1														
85	44.8	44.2	43.4	43.1	42.5														
90	28.8	27.6	26.3	26.9	26.7														
95	13.2	8.35	4.16	8.60	9.98														
100	2.02	1.92	1.80	2.16	2.01														
105	2.50	2.06	1.86	2.19	2.19														
110	1.86	1.96	1.85	2.30	2.15														
115	2.47	2.86	3.10	3.00	2.05														
120	3.83	3.91	3.30	3.39	2.72														
125	4.42	4.36	3.68	3.31	2.59														
130	4.97	4.71	4.28	3.43	3.58														
135	5.71	5.16	4.23	3.60	4.21														
140	5.52	4.77	3.34	3.53	3.67														
145	4.19	3.89	3.44	4.36	4.26														
150	4.54	3.99	5.07	4.27	4.92														
155	4.56	3.80	4.07	3.73	4.19														
160	3.95	3.75	4.01	3.85	3.86														
165	3.98	3.98	4.58	4.60	4.93														
170	4.07	4.42	4.55	4.75	4.91														
175	4.20	4.16	4.15	4.16	4.18														
180	4.23	4.23	4.24	4.23	4.23														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ARK
Test Date:28 September 2022

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:8.100m [K=1.0000]
Remarks: GCL-S10 / Z-CLS-10e

Photometric Data Table [cd]

G/C	0.0	15.0	30.0	45.0	60.0	75.0	90.0	105.0	120.0	135.0
0.0	384.3	384.2	384.2	384.5	384.4	384.6	384.6	384.4	384.5	384.4
3.0	383.1	383.3	383.2	383.4	383.3	383.8	383.8	383.9	384.1	384.1
6.0	380.4	380.6	380.6	380.9	380.9	381.3	381.4	382.1	382.1	382.2
9.0	376.4	376.3	376.5	376.8	377.2	377.4	377.8	378.6	378.9	379.0
12.0	371.0	371.0	370.9	371.6	371.9	372.3	372.8	373.8	374.2	374.5
15.0	364.1	364.4	364.2	364.6	365.1	365.9	366.4	367.4	368.0	368.4
18.0	356.1	356.2	356.2	356.8	357.2	358.0	358.6	359.9	360.6	361.2
21.0	346.8	346.9	346.9	347.4	347.9	349.0	349.6	351.2	351.8	352.5
24.0	336.4	336.6	336.6	337.0	337.8	338.7	339.6	341.0	341.8	342.7
27.0	325.1	325.0	324.9	325.7	326.2	327.5	328.5	330.0	330.9	331.7
30.0	312.6	312.7	312.5	313.5	313.9	315.2	316.1	317.9	318.9	319.9
33.0	299.2	299.4	299.2	300.2	300.7	302.1	303.1	305.0	306.0	307.1
36.0	285.2	285.4	285.2	286.3	286.5	288.2	289.2	291.3	292.3	293.4
39.0	270.4	271.1	270.3	271.7	271.9	273.9	274.6	277.0	277.8	279.4
42.0	255.1	255.8	255.0	256.6	256.5	258.8	259.5	262.1	262.7	264.5
45.0	239.4	240.0	239.1	240.7	240.7	243.1	243.8	246.5	247.1	249.1
48.0	223.0	223.9	222.9	224.5	224.5	226.9	227.6	230.5	231.1	233.0
51.0	206.7	207.4	206.5	208.0	208.0	210.4	211.0	214.0	214.6	216.7
54.0	190.0	190.8	189.8	191.3	191.2	193.8	194.4	197.4	198.1	200.2
57.0	173.4	174.1	173.1	174.6	174.5	177.0	177.5	180.6	181.3	183.5
60.0	156.6	157.3	156.4	157.8	157.8	160.1	160.7	163.9	164.6	166.8
63.0	140.5	140.7	140.1	141.2	141.4	143.5	144.1	147.2	148.0	150.2
66.0	124.5	124.4	124.1	124.9	125.5	127.1	128.5	130.7	132.2	133.7
69.0	108.7	108.5	108.2	109.1	109.6	111.1	112.4	114.7	116.2	117.7
72.0	93.67	93.55	93.26	94.01	94.58	95.96	97.13	99.25	100.8	102.2
75.0	79.81	79.69	79.37	80.00	80.53	81.69	82.77	84.80	86.33	87.80
78.0	67.48	67.30	66.96	67.23	67.54	68.54	69.54	71.45	72.91	74.29
81.0	56.02	55.74	55.41	55.73	55.61	56.43	57.33	59.15	60.53	61.90
84.0	45.53	45.10	44.69	44.95	44.89	45.45	46.20	47.91	49.19	50.46
87.0	35.96	35.49	35.05	35.15	35.12	35.56	36.17	37.66	38.64	39.69
90.0	26.56	26.10	25.43	25.44	25.47	26.36	27.07	27.81	28.17	28.93
93.0	16.66	15.89	13.81	13.36	15.80	17.90	19.52	18.39	16.59	14.74
96.0	6.971	5.693	2.986	2.600	6.017	11.51	13.09	11.30	5.764	2.388
99.0	2.449	2.372	2.457	2.306	3.665	6.963	7.518	6.964	3.297	2.407
102.0	2.747	2.872	2.570	2.576	2.747	2.934	3.166	2.943	2.551	2.370
105.0	2.784	3.118	2.778	2.514	2.905	3.240	3.238	3.230	2.599	2.556
108.0	2.770	2.864	2.729	2.440	2.650	2.886	2.966	2.830	2.584	2.580
111.0	2.830	2.997	3.331	2.771	2.645	2.807	2.779	2.738	2.635	3.051
114.0	2.660	3.007	3.940	3.472	2.899	2.770	2.858	2.700	2.681	3.549
117.0	3.345	3.565	4.539	3.937	3.720	3.111	3.061	3.110	3.536	3.493
120.0	4.279	3.801	4.164	4.199	4.558	3.981	3.915	4.032	4.435	4.501
123.0	4.416	3.496	4.372	5.002	4.829	4.750	4.768	4.825	4.783	5.202
126.0	4.350	3.830	4.313	5.451	5.492	5.141	5.078	5.193	5.416	5.662
129.0	5.130	4.365	4.661	5.921	6.288	5.867	5.662	5.887	6.313	6.006
132.0	4.748	5.396	5.282	5.832	6.854	7.164	7.405	7.488	8.157	7.491
135.0	5.349	4.713	4.626	5.894	7.195	7.890	7.281	8.921	7.266	6.141
138.0	5.452	5.057	4.466	5.126	7.144	7.692	7.612	7.764	6.821	5.494
141.0	5.396	5.079	4.416	5.151	6.094	7.132	7.667	6.789	6.460	4.759
144.0	5.228	5.355	4.447	4.236	5.065	6.418	6.796	6.295	5.215	3.992
147.0	6.035	5.489	4.258	3.702	5.487	5.038	5.439	5.401	4.962	4.069
150.0	7.004	4.327	5.015	4.282	4.290	5.231	5.568	5.550	3.891	4.624
153.0	6.072	3.928	4.810	4.182	4.457	4.262	4.203	3.904	4.223	4.272
156.0	3.942	4.378	4.371	4.180	4.281	5.038	4.009	4.348	4.081	4.310
159.0	4.661	4.573	4.238	4.541	4.696	4.467	5.024	4.640	4.522	4.429
162.0	4.699	5.308	4.504	4.227	4.981	5.187	4.330	5.369	5.175	4.203
165.0	5.154	4.949	4.874	4.657	5.053	5.178	5.034	5.073	5.025	4.727
168.0	4.919	5.191	4.876	4.638	5.559	4.972	4.834	4.771	4.755	4.610
171.0	4.486	5.152	4.672	4.578	5.202	4.754	4.797	4.378	4.378	4.290
174.0	4.239	4.239	4.250	4.253	4.239	4.225	4.221	4.220	4.225	4.230
177.0	4.243	4.239	4.239	4.243	4.234	4.234	4.239	4.234	4.253	4.257
180.0	4.225	4.225	4.234	4.234	4.230	4.225	4.225	4.230	4.239	4.243
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	384.4	384.5	384.3	384.2	384.2	384.5	384.4	384.6	384.6	384.4
3.0	384.0	384.0	384.1	384.1	384.0	384.0	384.0	384.1	383.9	383.6
6.0	382.3	382.2	382.3	382.2	382.4	382.1	382.2	381.9	381.7	381.3
9.0	379.1	379.2	379.0	378.9	379.3	378.9	378.8	378.5	378.3	377.6
12.0	374.4	374.7	374.6	374.5	374.6	374.2	374.2	373.7	373.2	372.2
15.0	368.5	368.7	368.6	368.5	368.5	368.3	368.0	367.3	366.6	365.7
18.0	361.1	361.4	361.3	361.2	361.3	360.9	360.6	359.9	359.2	357.9
21.0	352.4	352.6	352.8	352.6	352.7	352.4	351.9	351.2	350.3	349.0
24.0	342.8	343.0	343.1	342.9	343.1	342.7	342.2	341.2	340.3	338.8
27.0	331.9	332.0	332.2	332.2	332.4	331.7	331.2	330.3	329.2	327.6
30.0	319.8	320.2	320.4	320.2	320.6	320.0	319.4	318.3	317.2	315.2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ARK
Test Date: 28 September 2022

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 8.100m [K=1.0000]
Remarks: GCL-S10 / Z-CLS-10e

Photometric Data Table [cd]

33.0	307.0	307.4	307.8	307.6	308.1	307.2	306.9	305.5	304.3	302.4
36.0	293.4	294.0	294.2	294.0	294.3	293.6	293.3	291.6	290.7	288.5
39.0	279.0	279.8	280.0	279.7	280.3	279.4	279.3	277.3	276.5	273.9
42.0	264.0	265.2	265.4	264.9	265.9	264.5	264.6	262.6	261.7	258.9
45.0	248.5	249.8	250.0	249.5	250.5	249.2	249.3	247.0	246.3	243.4
48.0	232.6	233.8	234.2	233.6	234.7	233.3	233.4	231.1	230.5	227.4
51.0	216.2	217.6	218.0	217.4	218.7	217.2	217.4	215.0	214.3	211.2
54.0	199.9	201.1	201.6	201.1	202.3	201.0	201.0	198.8	198.0	194.8
57.0	183.1	184.5	185.0	184.7	185.8	184.4	184.6	182.2	181.5	178.3
60.0	166.5	167.9	168.4	168.0	169.2	167.9	168.0	165.8	165.0	161.8
63.0	149.8	151.3	151.9	151.5	152.8	151.4	151.7	149.3	148.6	145.4
66.0	134.1	134.9	135.5	135.8	136.4	135.9	135.5	133.8	132.4	130.0
69.0	118.1	118.9	119.5	119.8	120.5	120.1	119.6	118.0	116.6	114.2
72.0	102.7	103.4	103.9	104.4	105.0	104.7	104.3	102.8	101.4	99.15
75.0	88.27	88.90	89.37	89.77	90.41	90.25	89.90	88.36	87.06	84.97
78.0	74.84	75.45	75.79	76.19	76.87	76.68	76.35	74.84	73.64	71.73
81.0	62.48	63.10	63.36	63.72	64.34	64.07	63.79	62.35	61.23	59.50
84.0	51.00	51.55	51.83	52.23	52.75	52.50	52.12	50.84	49.79	48.34
87.0	40.03	40.51	40.70	41.11	41.74	41.61	41.38	40.29	39.34	38.14
90.0	29.34	29.98	30.24	30.74	31.36	31.34	31.29	30.51	29.89	28.83
93.0	16.10	17.94	18.52	18.62	18.40	17.46	19.33	20.62	21.51	19.49
96.0	3.461	5.683	6.472	5.997	4.298	1.797	6.716	12.09	13.76	10.33
99.0	2.731	2.692	2.204	2.189	2.306	1.929	1.814	3.463	4.484	2.792
102.0	2.766	2.979	2.291	2.438	2.171	1.970	2.185	2.289	2.273	2.298
105.0	3.096	3.091	2.181	2.370	2.501	2.217	2.211	2.520	2.598	2.505
108.0	3.114	3.165	2.073	2.342	2.662	2.212	1.790	2.217	2.304	2.130
111.0	3.452	3.050	2.064	2.102	2.693	2.217	2.024	1.868	1.883	1.905
114.0	4.149	3.537	2.306	2.650	2.998	2.394	2.394	2.248	2.222	2.369
117.0	4.239	3.277	2.626	2.598	3.169	2.872	3.190	2.802	2.727	3.170
120.0	3.835	3.240	3.093	2.659	2.878	3.411	3.849	3.643	3.640	3.832
123.0	4.314	3.465	3.528	2.728	3.079	3.750	4.128	4.289	4.313	4.382
126.0	4.921	3.784	3.826	2.997	3.751	4.052	4.425	4.345	4.431	4.498
129.0	5.399	4.212	4.393	3.159	3.593	4.127	4.652	4.655	4.690	4.873
132.0	6.293	4.577	4.658	3.530	3.569	4.628	4.528	4.908	5.104	5.052
135.0	5.867	5.340	5.158	5.158	3.443	4.648	4.778	5.165	5.735	5.709
138.0	4.760	6.251	5.564	4.466	3.830	3.669	4.854	5.485	5.611	6.257
141.0	4.857	5.572	5.062	4.369	4.164	3.477	4.960	5.275	6.637	5.378
144.0	4.356	5.057	5.949	4.578	3.835	3.379	3.739	5.415	5.453	4.839
147.0	4.373	5.058	6.452	4.977	3.797	3.629	3.780	4.123	4.600	3.752
150.0	4.411	4.468	5.442	3.894	3.836	3.750	3.830	4.141	4.635	4.543
153.0	4.272	4.359	4.726	3.975	3.841	3.504	4.157	4.006	3.834	4.652
156.0	4.424	4.548	3.974	4.662	4.350	3.690	4.628	4.071	3.557	4.739
159.0	4.197	4.857	5.313	5.342	3.978	4.392	4.764	4.360	3.979	4.119
162.0	4.926	5.615	5.295	5.203	4.073	4.514	4.942	5.452	4.283	3.824
165.0	5.712	6.066	5.913	5.716	4.359	4.202	4.609	4.278	3.974	3.983
168.0	5.303	5.822	5.688	5.089	4.309	4.113	4.206	4.132	4.016	4.020
171.0	4.704	4.810	4.549	4.429	4.257	4.043	4.035	4.081	4.076	4.094
174.0	4.234	4.285	4.234	4.165	4.137	4.122	4.118	4.164	4.155	4.164
177.0	4.262	4.243	4.188	4.201	4.197	4.202	4.183	4.178	4.183	4.192
180.0	4.234	4.234	4.225	4.225	4.234	4.234	4.230	4.225	4.225	4.230
G/C	300.0	315.0	330.0	345.0						
0.0	384.5	384.4	384.4	384.5						
3.0	383.5	383.4	383.1	383.3						
6.0	381.0	380.7	380.7	380.6						
9.0	377.1	376.7	376.7	376.6						
12.0	371.8	371.1	371.3	371.2						
15.0	365.2	364.6	364.5	364.4						
18.0	357.4	356.5	356.6	356.3						
21.0	348.1	347.5	347.2	347.1						
24.0	338.0	336.9	337.0	336.8						
27.0	326.7	325.5	325.4	325.3						
30.0	314.4	313.2	313.0	312.9						
33.0	301.2	300.1	300.0	299.7						
36.0	287.5	286.0	286.0	285.6						
39.0	273.3	271.3	271.9	270.8						
42.0	258.1	256.1	256.5	255.4						
45.0	242.6	240.4	240.8	239.7						
48.0	226.7	224.5	224.8	223.5						
51.0	210.4	208.1	208.5	207.2						
54.0	193.9	191.6	191.8	190.5						
57.0	177.4	175.0	175.3	173.9						
60.0	160.9	158.5	158.6	157.2						
63.0	144.5	141.8	142.1	141.0						
66.0	128.3	126.6	126.0	125.1						

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ARK
Test Date: 28 September 2022

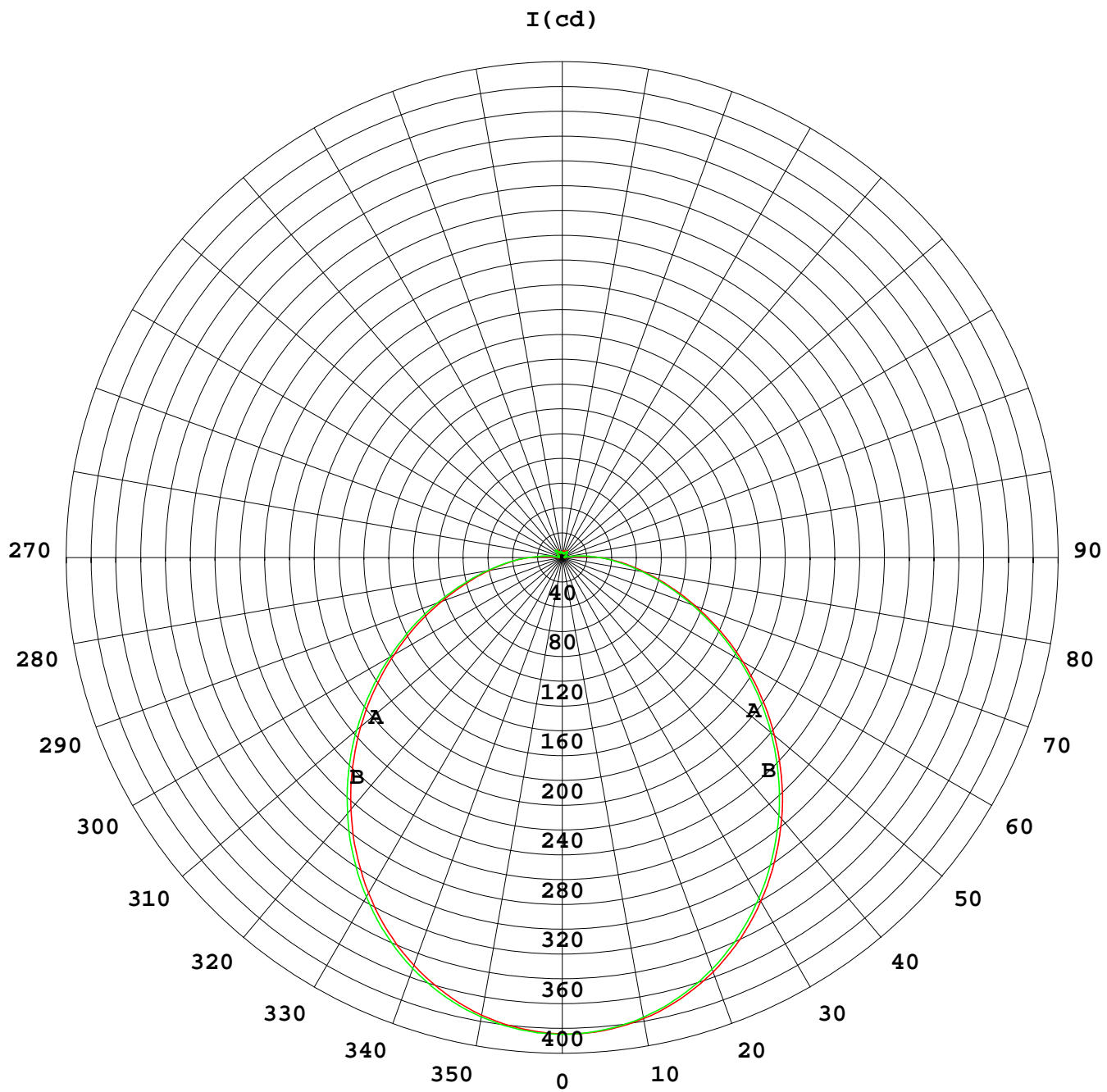
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 8.100m [K=1.0000]
Remarks: GCL-S10 / Z-CLS-10e

Photometric Data Table [cd]

69.0	112.6	110.9	110.2	109.2
72.0	97.67	95.95	95.16	94.26
75.0	83.59	82.00	81.17	80.30
78.0	70.54	69.11	68.45	67.74
81.0	58.55	57.36	57.01	56.28
84.0	47.62	46.79	46.39	45.79
87.0	37.64	36.85	36.58	36.13
90.0	27.56	26.31	26.94	26.68
93.0	16.72	10.99	16.28	16.61
96.0	4.598	1.785	4.923	6.530
99.0	1.813	2.187	1.936	1.865
102.0	1.973	1.813	2.236	2.336
105.0	2.059	1.864	2.193	2.185
108.0	1.776	1.841	2.417	2.147
111.0	2.031	2.274	2.393	2.023
114.0	2.506	2.968	2.800	2.022
117.0	3.226	3.123	3.204	2.277
120.0	3.914	3.300	3.393	2.718
123.0	4.165	3.531	3.328	2.756
126.0	4.559	3.764	3.309	2.735
129.0	4.602	4.145	3.274	3.489
132.0	5.345	4.780	4.161	4.173
135.0	5.162	4.225	3.597	4.215
138.0	4.947	3.661	3.531	4.281
141.0	4.466	3.411	3.532	3.809
144.0	3.538	3.383	4.184	3.941
147.0	4.177	3.776	3.908	4.675
150.0	3.989	5.075	4.275	4.915
153.0	3.718	5.284	3.857	4.919
156.0	3.746	3.783	3.663	3.695
159.0	3.779	4.029	3.876	3.914
162.0	3.871	3.849	3.911	4.200
165.0	3.975	4.577	4.598	4.926
168.0	4.374	4.639	4.954	4.811
171.0	4.434	4.439	4.605	4.954
174.0	4.174	4.203	4.141	4.162
177.0	4.202	4.201	4.202	4.216
180.0	4.234	4.243	4.234	4.234

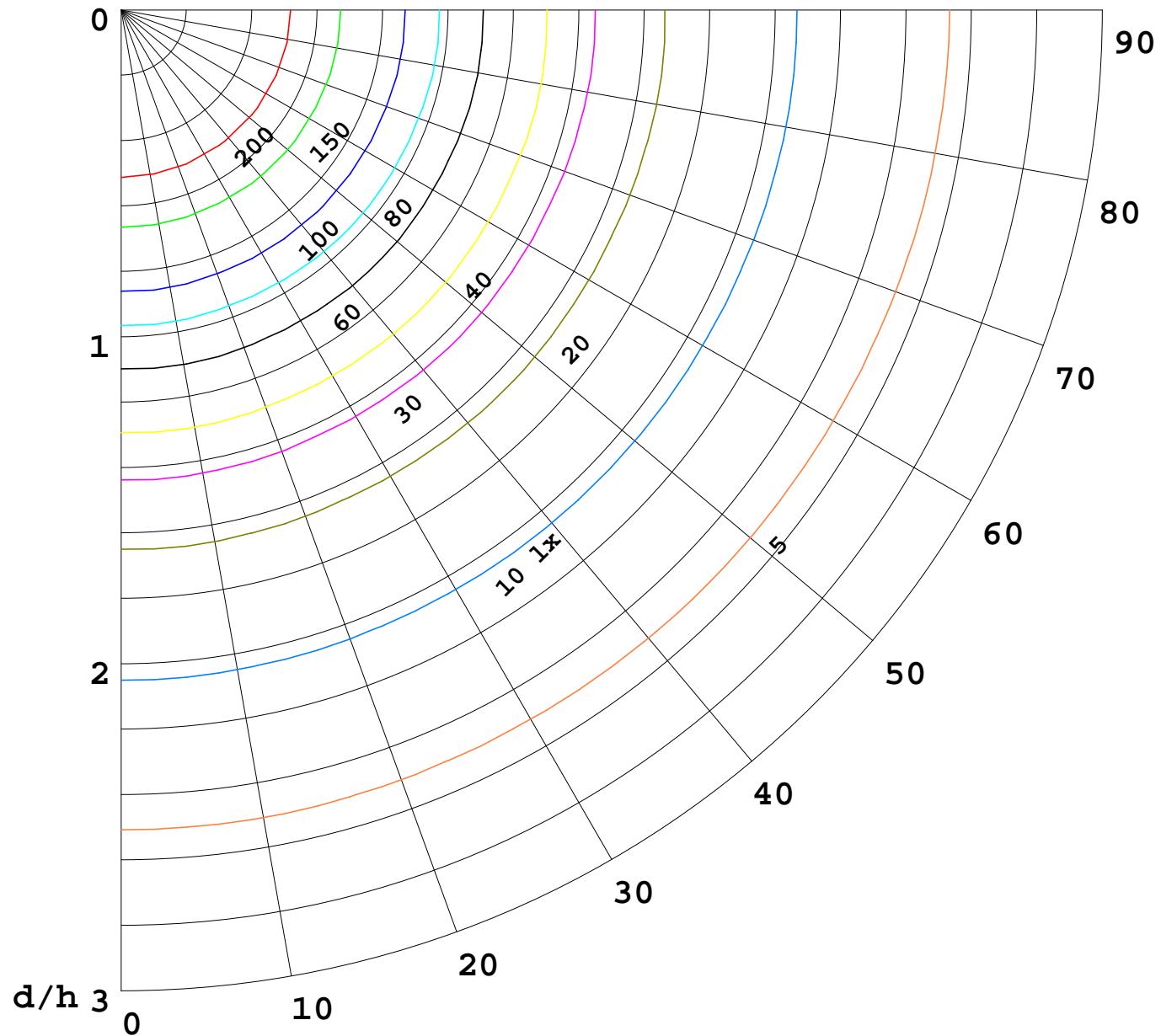
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ARK
Test Date: 28 September 2022

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 8.100m [K=1.0000]
Remarks: GCL-S10 / Z-CLS-10e



1000 lm

$K = 1$



F = 1000 lm
 K = 0.7
 H_{cc} = 0.8 m
 H_{fc} = 0.0 m
 E_{ave} = 100 lx

	P_{cc}	P_w	P_{fc}
—————	70	50	30
—————	50	30	20

