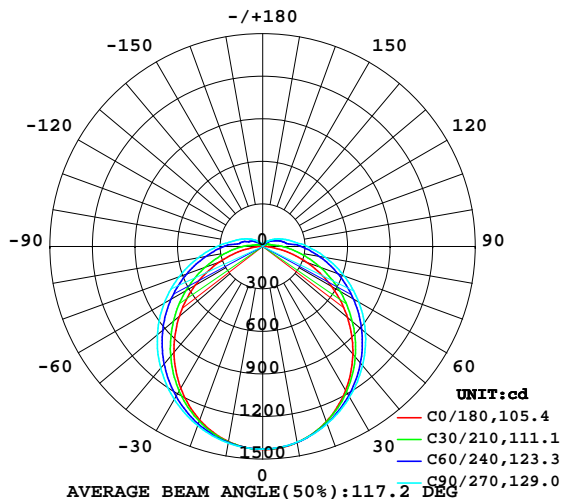


## LUMINAIRE PHOTOMETRIC TEST REPORT

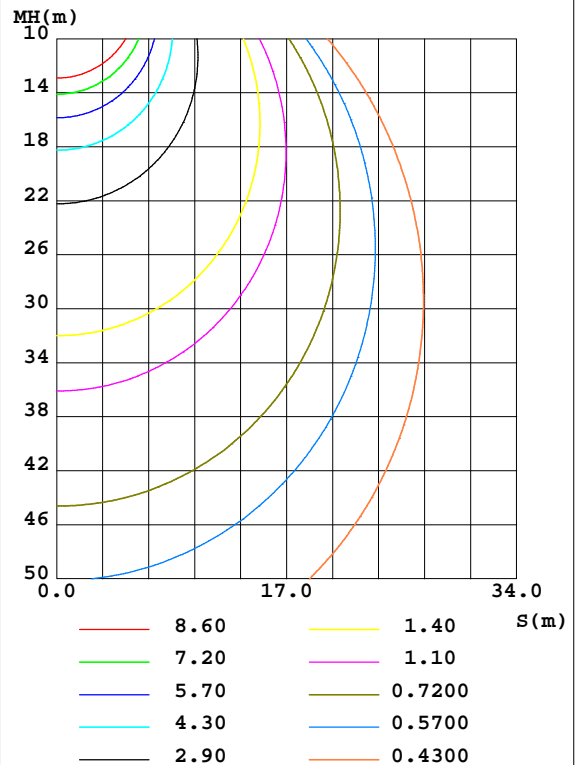
Test:U:220.0V I:0.1834A P:39.56W PF:0.9809 Lamp Flux:4928.13x1 lm		
NAME: 레이스웨이 주차장등-40W-(1)	TYPE:LED	WEIGHT:
SPEC.:40W	DIM.:	SERIAL No.:1
MFR.: ICEPIPE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 124.56 lm/W			
MODEL	GRW-40	I <sub>max</sub> (cd)	1433	S/MH(C0/180)	1.21
NOMINAL POWER(W)	40	LOR(%)	100.0	S/MH(C90/270)	1.30
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	4928.1	η UP,DN(C0-180)	4.2,45.5
NOMINAL FLUX(lm)	4928.13	CIE CLASS	DIRECT	η UP,DN(C180-360)	4.2,46.1
LAMPS INSIDE	1	η up(%)	8.4	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220	η down(%)	91.6	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:OHS  
Test Date:20 October 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: Z-WPL-40eS

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	1404	1403	1401	1397	1397	1401	1408	1406	0- 10	135.1	135.1	2.74,2.74
20	1315	1323	1331	1311	1301	1321	1344	1330	10- 20	385.9	521.0	10.6,10.6
30	1172	1201	1226	1184	1156	1199	1245	1209	20- 30	582.9	1104	22.4,22.4
40	989.7	1046	1096	1027	973.5	1045	1119	1056	30- 40	703.7	1808	36.7,36.7
50	782.0	871.2	946.6	851.6	768.3	870.9	970.4	881.0	40- 50	739.2	2547	51.7,51.7
60	560.0	687.9	781.6	668.9	550.2	688.1	803.2	694.9	50- 60	692.7	3240	65.7,65.7
70	332.5	507.3	612.1	489.5	328.4	507.3	628.3	510.3	60- 70	579.0	3819	77.5,77.5
80	121.8	342.6	450.3	327.1	122.3	341.6	461.3	341.6	70- 80	424.0	4243	86.1,86.1
90	8.065	216.5	315.2	203.4	7.013	214.7	321.9	212.9	80- 90	270.4	4513	91.6,91.6
100	8.808	117.7	214.5	106.5	7.434	112.3	219.3	113.3	90-100	159.1	4672	94.8,94.8
110	10.11	84.12	153.0	69.47	8.683	74.52	155.4	79.52	100-110	99.25	4771	96.8,96.8
120	11.39	58.63	106.5	42.77	9.919	47.79	106.6	53.41	110-120	65.19	4837	98.1,98.1
130	12.59	39.88	71.15	28.80	11.14	30.20	70.49	36.17	120-130	40.17	4877	99,99
140	13.91	27.19	45.81	20.83	12.54	20.09	43.75	24.28	130-140	23.97	4901	99.4,99.4
150	15.09	18.54	28.00	16.23	13.96	15.08	22.70	16.20	140-150	13.67	4914	99.7,99.7
160	16.10	16.01	16.66	15.73	15.32	14.97	15.12	15.24	150-160	7.727	4922	99.9,99.9
170	16.90	16.58	16.42	16.40	16.53	16.05	16.01	16.20	160-170	4.509	4927	100,100
180	17.18	16.72	16.64	16.70	17.20	16.71	16.63	16.70	170-180	1.579	4928	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 2178.2 lm

%lum = 44.2%

%lamp = 44.2%

Conical surface Flux(120deg): 3239.6 lm

%lum = 65.7%

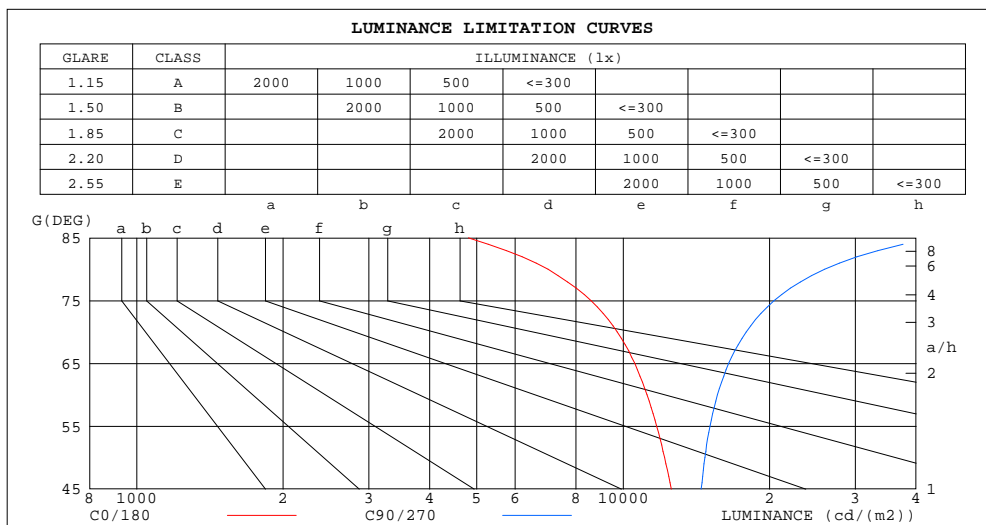
%lamp = 65.7%

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:OHS  
 Test Date:20 October 2022

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.351  
 Humidity:65.0%  
 Test Distance:8.100m [K=1.0000]  
 Remarks: Z-WPL-40eS

## LUMINANCE LIMITATION CURVES

Test:U:220.0V I:0.1834A P:39.56W PF:0.9809 Lamp Flux:4928.13x1 lm		
NAME: 레이스웨이 주차장등-40W-(1)	TYPE:LED	WEIGHT:
SPEC.:40W	DIM.:	SERIAL No.:1
MFR.: ICEPIPE	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	4807	43603
80	7013	25934
75	8582	20432
70	9723	17896
65	10562	16481
60	11200	15632
55	11719	15081
50	12165	14727
45	12559	14469

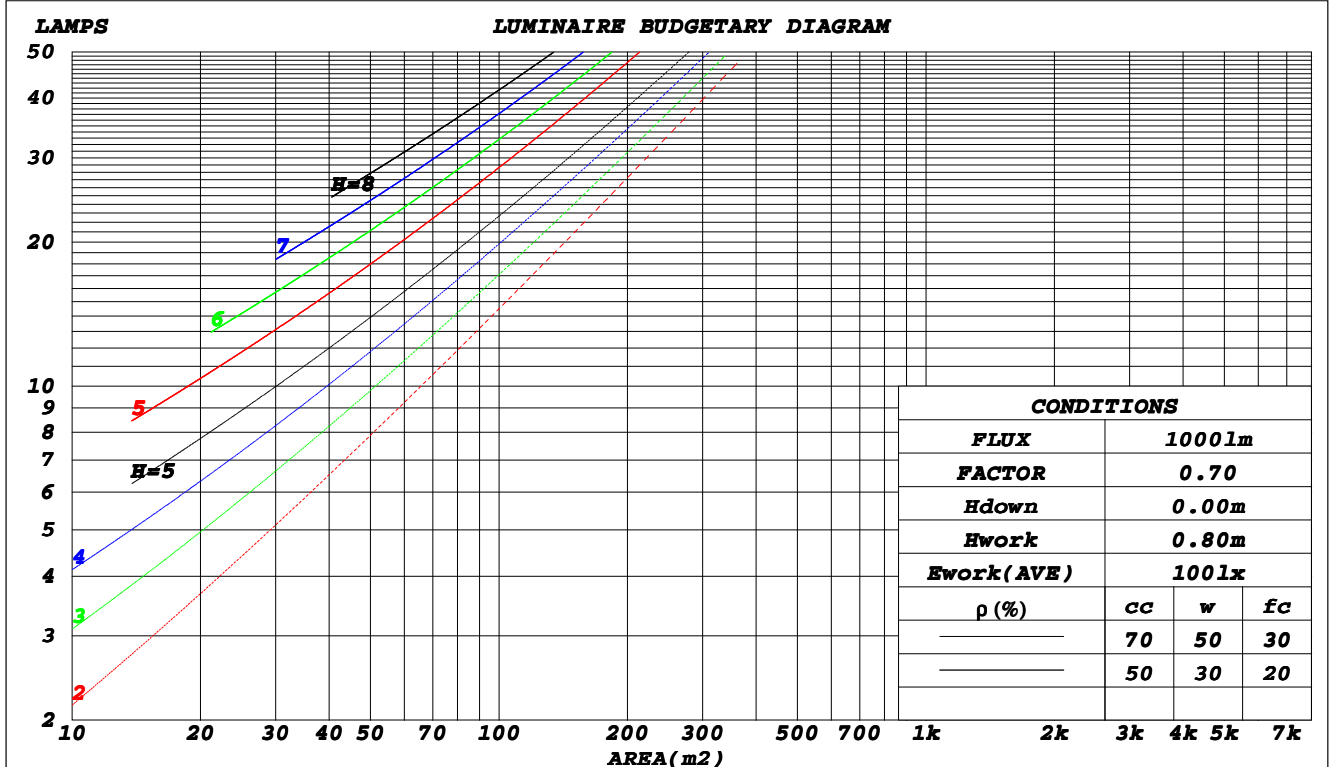
**C Range: 0 - 360DEG**  
**C Interval: 15.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:OHS**  
**Test Date:20 October 2022**

**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: Z-WPL-40eS**

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.0V I:0.1834A P:39.56W PF:0.9809 Lamp Flux:4928.13x1 lm		
NAME: 레이스웨이 주차장등-40W-(1)	TYPE:LED	WEIGHT:
SPEC.:40W	DIM.:	SERIAL No.:1
MFR.: ICEPIPE	SUR.:	Shielding Angle:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.17	1.17	1.17	1.13	1.13	1.13	1.06	1.06	1.06	1.00	1.00	1.00	.94	.94	.94	.92
1.0	.99	.94	.90	.96	.92	.88	.90	.87	.83	.85	.82	.79	.80	.78	.75	.73
2.0	.86	.78	.72	.83	.76	.70	.78	.72	.67	.74	.69	.65	.69	.65	.62	.59
3.0	.75	.66	.59	.73	.65	.58	.68	.62	.56	.64	.59	.54	.61	.56	.52	.49
4.0	.66	.57	.50	.64	.56	.49	.60	.53	.47	.57	.51	.46	.54	.49	.44	.42
5.0	.59	.49	.43	.57	.48	.42	.54	.46	.41	.51	.45	.39	.48	.43	.38	.36
6.0	.53	.44	.37	.51	.43	.36	.49	.41	.35	.46	.40	.34	.44	.38	.34	.31
7.0	.48	.39	.33	.47	.38	.32	.44	.37	.31	.42	.35	.30	.40	.34	.30	.28
8.0	.44	.35	.29	.42	.34	.29	.40	.33	.28	.39	.32	.27	.37	.31	.27	.24
9.0	.40	.32	.26	.39	.31	.26	.37	.30	.25	.35	.29	.24	.34	.28	.24	.22
10.0	.37	.29	.23	.36	.28	.23	.34	.27	.23	.33	.27	.22	.31	.26	.22	.20



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:OHS  
 Test Date:20 October 2022

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.351  
 Humidity:65.0%  
 Test Distance:8.100m [K=1.0000]  
 Remarks: Z-WPL-40eS

**WEC AND CCEC**

Test:U:220.0V I:0.1834A P:39.56W PF:0.9809 Lamp Flux:4928.13x1 lm		
NAME: 레이스웨이 주차장등-40W-(1)	TYPE:LED	WEIGHT:
SPEC.:40W	DIM.:	SERIAL No.:1
MFR.: ICEPIPE	SUR.:	Shielding Angle:

$\rho_{cc}$	80%			70%			50%			30%			10%			0	
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
$\rho_{fc}$	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.357	.203	.064	.347	.198	.063	.329	.189	.060	.312	.180	.058	.296	.172	.055		
2.0	.317	.174	.053	.309	.170	.052	.292	.163	.050	.277	.156	.049	.263	.149	.047		
3.0	.286	.152	.046	.278	.149	.045	.264	.143	.043	.250	.137	.042	.237	.131	.041		
4.0	.260	.135	.040	.253	.132	.039	.240	.127	.038	.227	.122	.037	.216	.117	.036		
5.0	.238	.121	.035	.231	.119	.035	.220	.114	.034	.208	.110	.033	.198	.106	.032		
6.0	.219	.110	.031	.213	.108	.031	.202	.104	.030	.192	.100	.029	.183	.096	.029		
7.0	.202	.100	.028	.197	.098	.028	.188	.095	.027	.179	.092	.027	.170	.088	.026		
8.0	.188	.092	.026	.184	.090	.026	.175	.087	.025	.167	.084	.024	.159	.081	.024		
9.0	.176	.085	.024	.172	.084	.023	.164	.081	.023	.156	.078	.022	.149	.076	.022		
10.0	.165	.079	.022	.161	.078	.022	.154	.075	.021	.147	.073	.021	.140	.070	.020		

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.255	.255	.255	.218	.218	.218	.149	.149	.149	.085	.085	.085	.027	.027	.027	
1.0	.248	.220	.195	.212	.189	.168	.145	.130	.116	.084	.075	.068	.027	.024	.022	
2.0	.241	.197	.160	.206	.170	.138	.141	.117	.097	.082	.068	.057	.026	.022	.018	
3.0	.233	.180	.138	.200	.155	.119	.137	.108	.084	.079	.063	.049	.025	.020	.016	
4.0	.225	.167	.123	.193	.144	.106	.133	.101	.075	.077	.059	.044	.025	.019	.015	
5.0	.218	.157	.112	.187	.136	.098	.129	.095	.069	.075	.056	.041	.024	.018	.013	
6.0	.210	.149	.105	.181	.129	.091	.125	.090	.064	.072	.053	.038	.023	.017	.013	
7.0	.203	.142	.099	.175	.123	.086	.121	.086	.061	.070	.051	.036	.023	.017	.012	
8.0	.197	.136	.095	.169	.118	.083	.117	.083	.059	.068	.049	.035	.022	.016	.012	
9.0	.190	.131	.092	.164	.114	.080	.114	.080	.057	.066	.047	.034	.021	.016	.011	
10.0	.185	.127	.089	.159	.110	.078	.110	.078	.055	.064	.046	.033	.021	.015	.011	

**C Range: 0 - 360DEG**  
**C Interval: 15.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:OHS**  
**Test Date:20 October 2022**

**$\gamma$  Range: 0 - 180DEG**  
 **$\gamma$  Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.351**  
**Humidity:65.0%**  
**Test Distance:8.100m [K=1.0000]**  
**Remarks: Z-WPL-40eS**

UGR(Unified Glare Rating) Table

Test:U:220.0V I:0.1834A P:39.56W PF:0.9809 Lamp Flux:4928.13x1 lm										
NAME: 레이스웨이 주차장등-40W-(1)					TYPE:LED			WEIGHT:		
SPEC.:40W					DIM.:			SERIAL No.:1		
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	20.6	22.1	21.0	22.4	22.8	22.0	23.5	22.4	23.8	24.2
3H	22.0	23.4	22.4	23.7	24.2	24.2	25.6	24.6	26.0	26.4
4H	22.5	23.8	23.0	24.2	24.7	25.4	26.7	25.8	27.1	27.5
6H	22.9	24.1	23.3	24.5	25.0	26.6	27.9	27.1	28.3	28.7
8H	23.0	24.1	23.4	24.6	25.1	27.3	28.5	27.8	28.9	29.4
12H	23.0	24.1	23.5	24.6	25.1	28.1	29.2	28.6	29.7	30.1
4H 2H	21.5	22.8	21.9	23.2	23.6	22.6	23.8	23.0	24.2	24.7
3H	23.2	24.3	23.6	24.7	25.2	25.0	26.2	25.5	26.6	27.1
4H	23.9	24.9	24.4	25.4	25.9	26.4	27.4	26.9	27.9	28.4
6H	24.4	25.3	24.9	25.8	26.3	27.8	28.8	28.4	29.3	29.8
8H	24.5	25.4	25.1	25.9	26.5	28.6	29.5	29.2	30.0	30.6
12H	24.6	25.4	25.2	25.9	26.5	29.6	30.4	30.1	30.9	31.5
8H 4H	24.6	25.5	25.1	26.0	26.6	26.7	27.6	27.2	28.1	28.6
6H	25.4	26.2	26.0	26.7	27.3	28.4	29.2	29.0	29.7	30.3
8H	25.8	26.4	26.3	27.0	27.6	29.4	30.1	30.0	30.7	31.3
12H	26.0	26.6	26.6	27.2	27.8	30.6	31.2	31.2	31.8	32.4
12H 4H	24.8	25.6	25.4	26.1	26.7	26.7	27.5	27.3	28.0	28.6
6H	25.8	26.5	26.4	27.0	27.7	28.5	29.2	29.1	29.8	30.4
8H	26.3	26.9	26.9	27.5	28.1	29.7	30.2	30.3	30.8	31.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117 Corrected 4928 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.5)

C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:OHS  
Test Date:20 October 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: Z-WPL-40eS

## UTILIZATION FACTORS TABLE

Test:U:220.0V I:0.1834A P:39.56W PF:0.9809 Lamp Flux:4928.13x1 lm		
NAME: 레이스웨이 주차장등-40W-(1)	TYPE:LED	WEIGHT:
SPEC.:40W	DIM.:	SERIAL No.:1
MFR.: ICEPIPE	SUR.:	Shielding Angle:

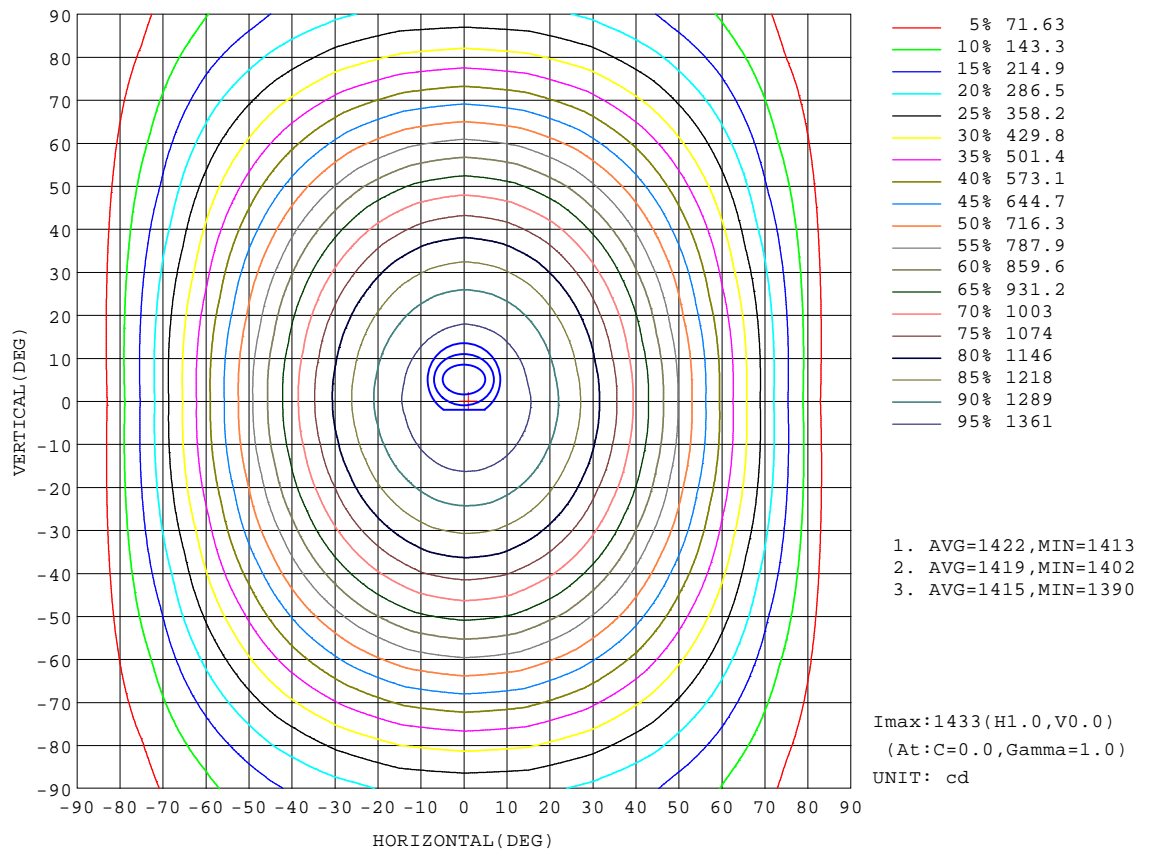
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	53	41	34	52	40	33	50	40	33	27
0.80	62	50	42	61	49	42	59	48	41	34
1.00	70	58	50	69	57	50	66	58	49	41
1.25	77	65	58	75	64	57	72	63	56	47
1.50	82	71	63	80	70	62	76	67	61	52
2.00	89	79	72	87	78	71	82	75	69	59
2.50	93	84	77	91	82	76	86	79	73	63
3.00	97	89	82	94	87	81	89	83	78	67
4.00	101	94	89	98	92	87	93	87	83	72
5.00	104	98	93	101	95	91	95	91	87	75
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:OHS  
Test Date:20 October 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: Z-WPL-40eS

## ISOCANDELA DIAGRAM

Test:U:220.0V I:0.1834A P:39.56W PF:0.9809 Lamp Flux:4928.13x1 lm		
NAME: 레이스웨이 주차장등-40W-(1)	TYPE:LED	WEIGHT:
SPEC.:40W	DIM.:	SERIAL No.:1
MFR.: ICEPIPE	SUR.:	Shielding Angle:



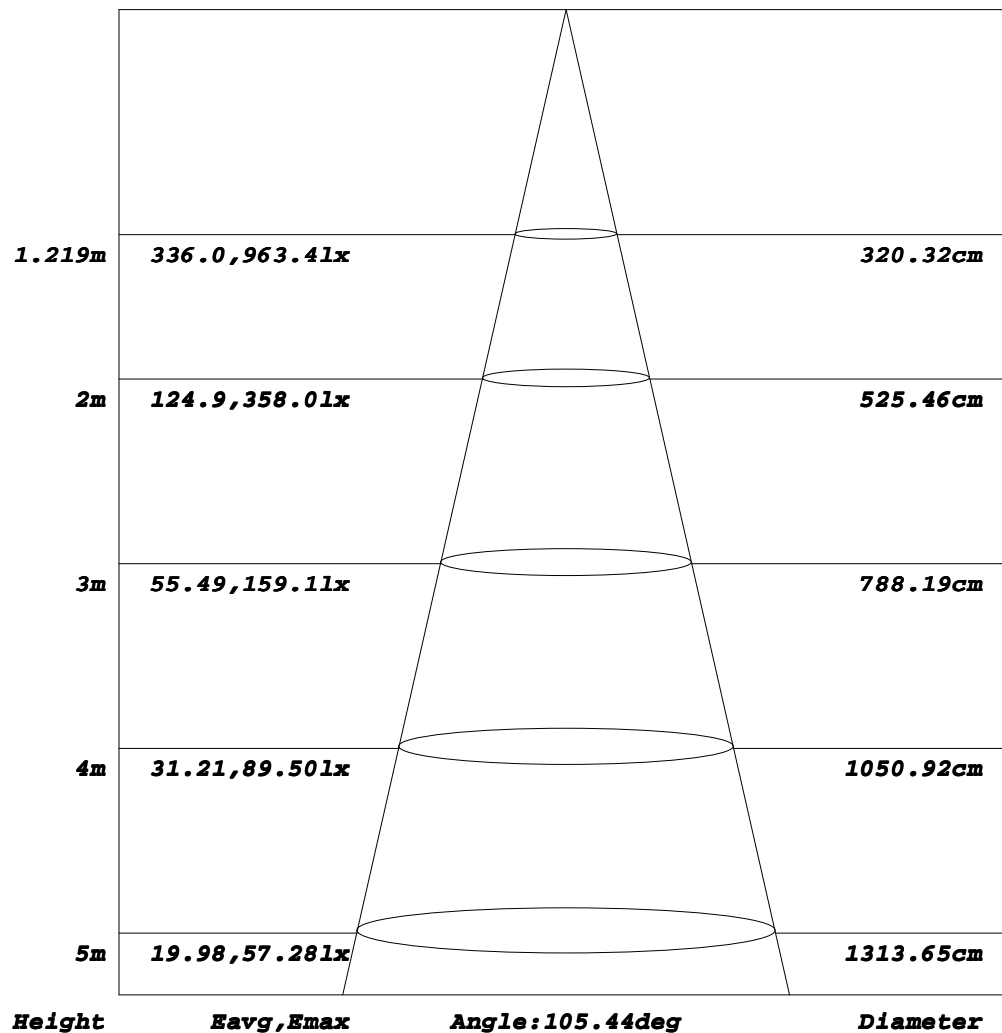
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:OHS  
Test Date:20 October 2022

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: Z-WPL-40eS



**AAI Figure**

Test:U:220.0V I:0.1834A P:39.56W PF:0.9809 Lamp Flux:4928.13x1 lm		
NAME: 레이스웨이 주차장등-40W-(1)	TYPE:LED	WEIGHT:
SPEC.:40W	DIM.:	SERIAL No.:1
MFR.: ICEPIPE	SUR.:	Shielding Angle:

**Flux out:2763 lm**


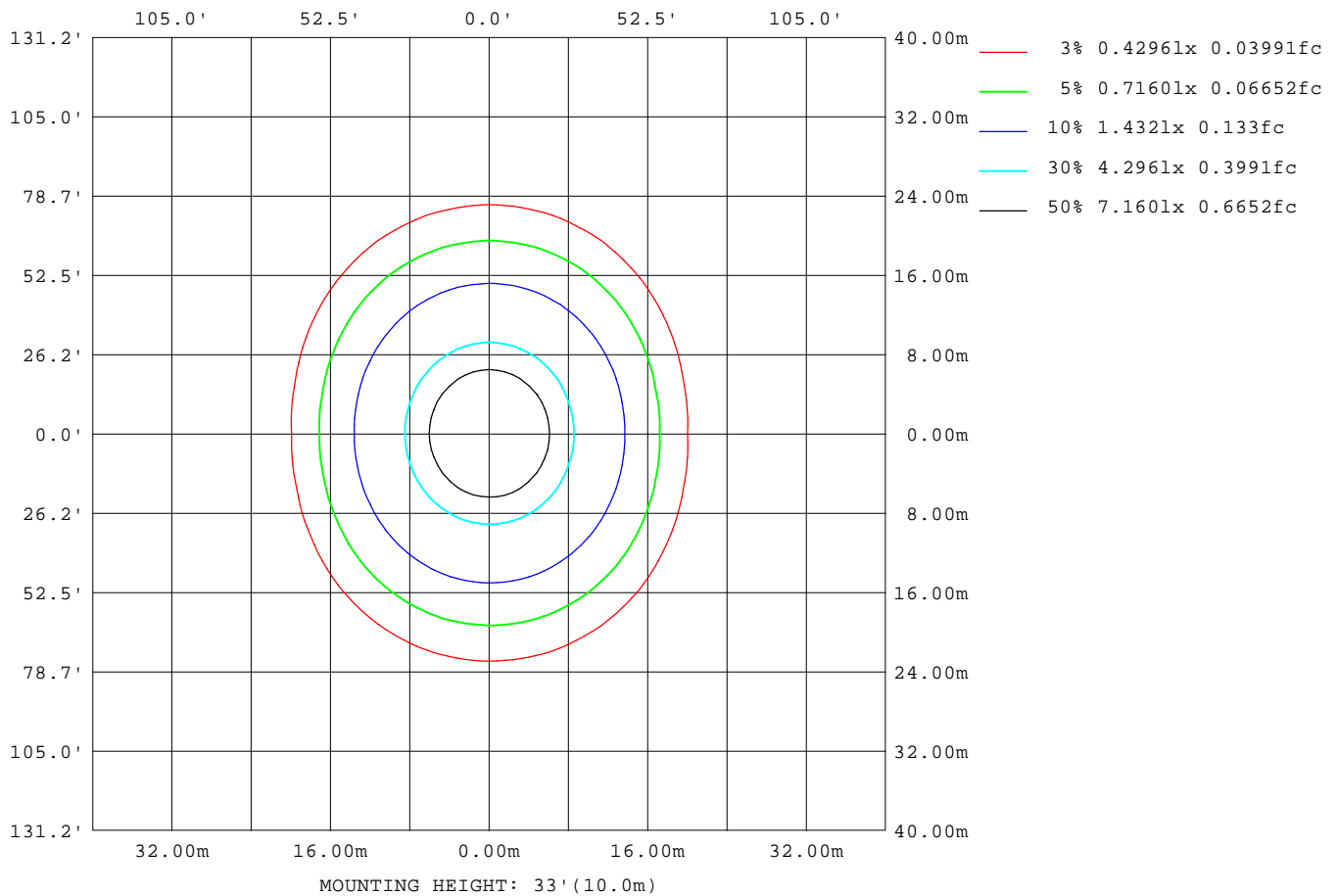
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

**C Range: 0 - 360DEG**  
**C Interval: 15.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: OHS**  
**Test Date: 20 October 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: Z-WPL-40eS**

## ISOLUX DIAGRAM

Test:U:220.0V I:0.1834A P:39.56W PF:0.9809 Lamp Flux:4928.13x1 lm		
NAME: 레이스웨이 주차장등-40W-(1)	TYPE:LED	WEIGHT:
SPEC.:40W	DIM.:	SERIAL No.:1
MFR.: ICEPIPE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: OHS  
 Test Date: 20 October 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: Z-WPL-40eS

## LED Avg.L Report

Test:U:220.0V I:0.1834A P:39.56W PF:0.9809 Lamp Flux:4928.13x1 lm		
NAME: 레이스웨이 주차장등-40W-(1)	TYPE:LED	WEIGHT:
SPEC.:40W	DIM.:	SERIAL No.:1
MFR.: ICEPIPE	SUR.:	Shielding Angle:

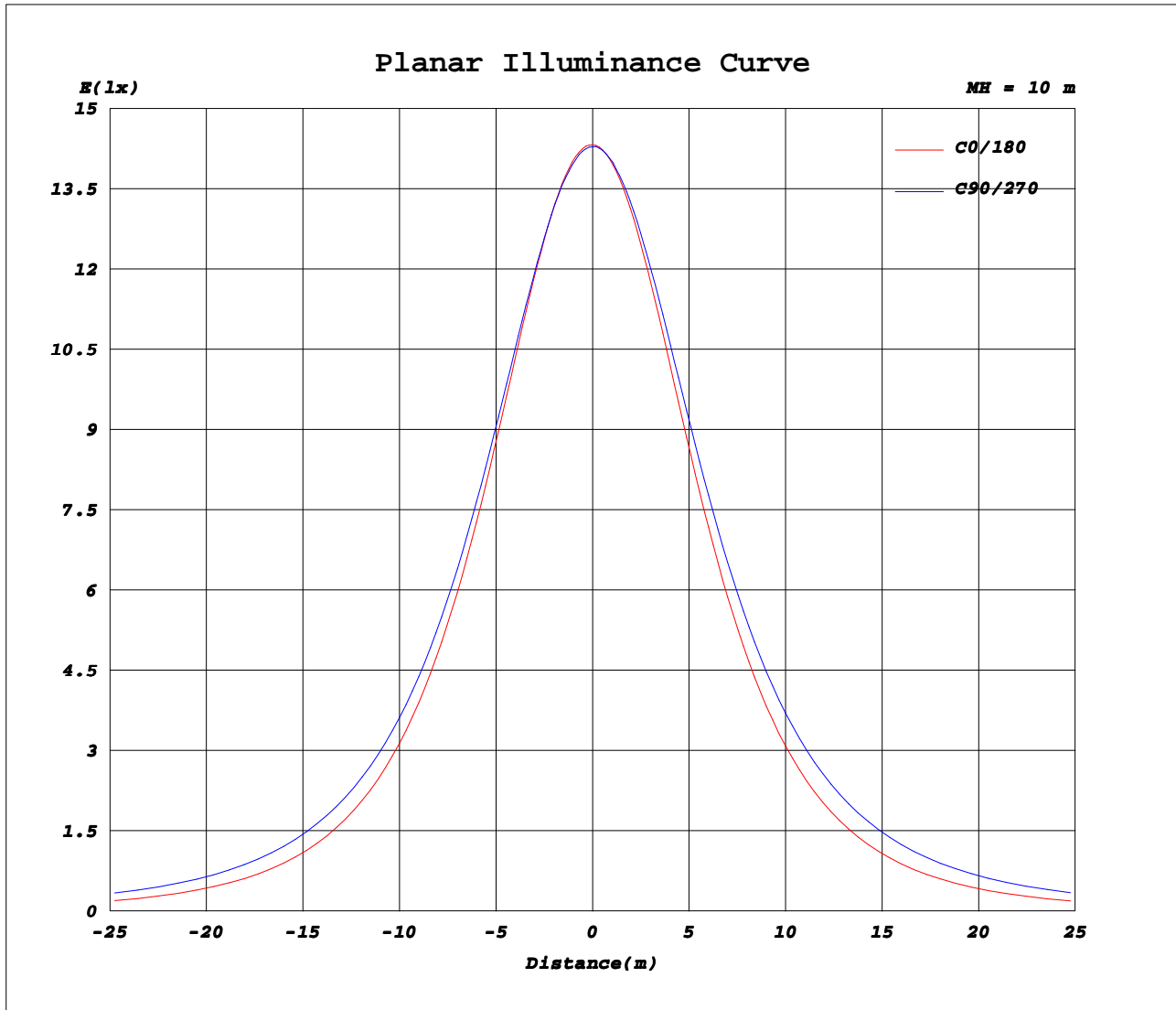
AvgL	cd/m2
L_0~180(65)av	10475
L_0~180(75)av	8565
L_0~180(85)av	4884
L_90~270(65)av	16712
L_90~270(75)av	20695
L_90~270(85)av	44081
L_45(65)av	14035
L_45(75)av	16141
L_45(85)av	30840

Standard: GB/T 29293-2012

**C Range: 0 - 360DEG**  
**C Interval: 15.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:OHS**  
**Test Date:20 October 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: Z-WPL-40eS**

**Planar Illuminance Curve**



**C Range:** 0 - 360DEG  
**C Interval:** 15.0DEG  
**Test Speed:** HIGH  
**Temperature:** 25.3DEG  
**Operators:** OHS  
**Test Date:** 20 October 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:** Z-WPL-40eS

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.0V I:0.1834A P:39.56W PF:0.9809 Lamp Flux:4928.13x1 lm																		
NAME: 레이스웨이 주차장등-40W-(1)									TYPE:LED					WEIGHT:				
SPEC.:40W									DIM.:					SERIAL No.:1				
MFR.: ICEPIPE									SUR.:					Shielding Angle:				

Table--1

UNIT: cd

$\gamma$ (DEG) \ C (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1432	1431	1430	1430	1428	1429	1428	1429	1429	1429	1429	1430	1432	1431	1430	1430	1428	1429	1428
5	1427	1425	1424	1423	1423	1421	1421	1421	1420	1420	1419	1420	1423	1422	1423	1423	1424	1424	1424
10	1404	1403	1402	1403	1402	1403	1401	1400	1398	1397	1395	1393	1397	1397	1399	1401	1404	1406	1408
15	1366	1366	1366	1369	1370	1371	1371	1370	1364	1360	1355	1353	1356	1357	1362	1367	1374	1377	1381
20	1315	1314	1317	1323	1328	1332	1331	1328	1320	1311	1303	1298	1301	1304	1312	1321	1332	1340	1344
25	1248	1250	1256	1266	1275	1283	1282	1278	1265	1253	1240	1232	1234	1238	1249	1264	1280	1293	1299
30	1172	1175	1183	1201	1215	1226	1226	1220	1203	1184	1165	1155	1156	1161	1178	1199	1222	1238	1245
35	1085	1089	1103	1126	1147	1162	1165	1156	1135	1109	1084	1069	1069	1076	1099	1126	1154	1176	1186
40	990	996	1016	1046	1073	1093	1096	1085	1059	1027	996	976	974	983	1010	1045	1081	1107	1119
45	888	897	923	960	994	1019	1023	1011	979	941	902	878	873	885	918	960	1003	1034	1048
50	782	794	826	871	912	940	947	932	896	852	806	775	768	783	823	871	921	956	970
55	672	688	728	780	827	858	865	850	810	761	707	670	660	678	725	780	836	872	888
60	560	581	629	688	739	774	782	766	724	669	608	564	550	573	627	688	748	787	803
65	446	473	530	597	651	688	697	680	637	578	511	458	439	467	529	597	659	699	716
70	333	368	434	507	565	603	612	595	551	489	417	354	328	363	434	507	571	612	628
75	222	268	344	422	482	520	529	513	469	405	327	255	221	265	344	421	487	527	542
80	122	178	262	343	403	441	450	435	391	327	246	166	122	176	263	342	407	446	461
85	41.9	106	192	274	333	370	380	365	322	259	177	94.6	43.2	105	193	272	336	374	388
90	8.06	60.2	141	217	273	307	315	302	262	203	128	50.4	7.01	58.6	140	215	275	310	322
95	8.17	36.7	98.7	152	200	242	258	235	187	142	88.9	29.6	6.84	34.8	98.5	148	197	239	264
100	8.81	23.0	66.9	118	161	199	215	190	152	107	57.4	18.4	7.43	20.3	59.6	112	159	197	219
105	9.45	19.3	55.2	101	140	172	182	164	133	90.4	45.0	15.3	8.07	16.5	48.0	87.0	138	171	185
110	10.1	17.1	45.5	84.1	120	146	153	139	112	69.5	35.1	13.6	8.68	14.1	39.7	74.5	104	144	155
115	10.8	15.5	38.2	70.5	101	122	128	117	88.3	56.8	28.3	12.7	9.27	12.3	31.5	62.5	89.7	121	129
120	11.4	14.2	32.3	58.6	83.6	101	106	97.3	73.3	42.8	23.2	12.2	9.92	11.3	25.8	47.8	75.3	81.1	107
125	12.0	13.3	27.5	48.3	68.6	83.0	87.5	80.3	55.7	34.5	20.1	12.1	10.5	10.8	21.0	36.9	61.2	71.3	87.1
130	12.6	12.8	23.4	39.9	56.0	67.6	71.2	61.3	43.3	28.8	18.0	12.7	11.1	11.0	17.7	30.2	46.4	61.3	70.5
135	13.3	13.4	20.2	33.0	45.5	54.6	57.3	51.1	34.4	24.2	16.3	13.3	11.8	11.7	15.4	24.5	36.1	47.6	55.2
140	13.9	14.0	17.6	27.2	36.8	43.7	45.8	38.9	28.0	20.8	15.2	13.9	12.5	12.4	14.0	20.1	27.8	40.0	43.8
145	14.5	14.6	15.6	22.4	29.4	34.5	36.0	30.0	23.1	18.2	14.5	14.5	13.2	13.1	13.2	17.1	22.6	30.1	29.7
150	15.1	15.2	15.3	18.5	23.4	27.0	28.0	23.0	19.4	16.2	15.0	15.0	14.0	13.8	13.8	15.1	18.4	22.4	22.7
155	15.6	15.7	15.7	15.7	18.5	20.9	19.6	18.6	16.7	15.4	15.4	15.5	14.6	14.5	14.4	14.4	15.7	17.7	18.7
160	16.1	16.2	16.1	16.0	15.8	16.3	16.7	15.9	15.7	15.7	15.8	15.9	15.3	15.1	15.0	15.0	15.0	15.1	15.1
165	16.6	16.6	16.5	16.4	16.2	16.0	16.1	16.1	16.1	16.1	16.2	16.3	16.0	15.7	15.6	15.6	15.5	15.6	15.5
170	16.9	16.9	16.7	16.6	16.4	16.3	16.4	16.4	16.4	16.4	16.5	16.7	16.5	16.3	16.1	16.0	16.0	16.0	16.0
175	17.1	17.0	16.9	16.7	16.6	16.5	16.6	16.5	16.5	16.6	16.7	16.9	17.0	16.7	16.6	16.5	16.4	16.4	16.4
180	17.2	17.0	16.8	16.7	16.6	16.6	16.6	16.6	16.6	16.7	16.8	16.9	17.2	17.0	16.9	16.7	16.6	16.6	16.6

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:OHS

Test Date:20 October 2022

 $\gamma$  Range: 0 - 180DEG $\gamma$  Interval: 1.0DEG

Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.351

Humidity:65.0%

Test Distance:8.100m [K=1.0000]

Remarks: Z-WPL-40eS

**LUMINOUS DISTRIBUTION INTENSITY DATA**

Test:U:220.0V I:0.1834A P:39.56W PF:0.9809 Lamp Flux:4928.13x1 lm		
NAME: 레이스웨이 주차장등-40W-(1)	TYPE:LED	WEIGHT:
SPEC.:40W	DIM.:	SERIAL No.:1
MFR.: ICEPIPE	SUR.:	Shielding Angle:

Table--2

UNIT: cd

<div> <div>C (DEG)</div> <div>γ (DEG)</div> </div>	285	300	315	330	345														
0	1429	1429	1429	1429	1430														
5	1425	1424	1424	1424	1423														
10	1407	1407	1406	1403	1402														
15	1380	1378	1373	1369	1364														
20	1343	1337	1330	1321	1313														
25	1296	1288	1274	1261	1249														
30	1241	1229	1209	1190	1174														
35	1180	1162	1136	1110	1090														
40	1112	1090	1056	1023	996														
45	1038	1012	970	929	898														
50	959	927	881	832	794														
55	876	841	788	733	687														
60	790	753	695	633	579														
65	702	664	601	532	471														
70	614	575	510	435	364														
75	529	489	423	343	262														
80	448	408	342	260	170														
85	375	336	270	189	98.1														
90	310	275	213	135	52.6														
95	239	199	148	94.0	30.2														
100	195	160	113	61.6	18.6														
105	167	138	96.0	50.6	15.2														
110	140	115	79.5	40.9	13.5														
115	118	95.6	65.3	33.3	12.2														
120	98.0	79.1	53.4	27.9	11.4														
125	80.3	64.9	44.0	23.7	10.8														
130	65.2	52.9	36.2	20.1	11.3														
135	52.4	42.8	29.8	17.2	12.0														
140	41.6	34.3	24.3	14.9	12.7														
145	32.5	27.1	19.8	13.6	13.3														
150	24.9	21.2	16.2	14.1	14.0														
155	18.9	16.6	14.7	14.7	14.7														
160	15.0	15.1	15.2	15.3	15.3														
165	15.5	15.6	15.8	15.8	15.9														
170	15.9	16.0	16.2	16.3	16.4														
175	16.3	16.4	16.5	16.6	16.7														
180	16.5	16.6	16.7	16.8	16.9														

**C Range: 0 - 360DEG**
**C Interval: 15.0DEG**
**Test Speed: HIGH**
**Temperature:25.3DEG**
**Operators:OHS**
**Test Date:20 October 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: Z-WPL-40eS**

## 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	1432	1431	1430	1430	1428	1429	1428	1429	1429	1429
3.0	1431	1429	1428	1427	1427	1427	1426	1427	1425	1426
6.0	1424	1422	1420	1420	1419	1419	1418	1417	1417	1417
9.0	1410	1409	1408	1408	1407	1407	1408	1406	1404	1403
12.0	1391	1390	1390	1391	1391	1392	1391	1390	1386	1385
15.0	1366	1366	1366	1369	1370	1371	1371	1370	1364	1360
18.0	1337	1337	1339	1342	1346	1348	1347	1345	1339	1332
21.0	1302	1303	1307	1312	1318	1322	1322	1318	1309	1301
24.0	1264	1264	1269	1278	1286	1293	1293	1288	1278	1265
27.0	1219	1221	1229	1241	1252	1260	1261	1255	1241	1226
30.0	1172	1175	1183	1201	1215	1226	1226	1220	1203	1184
33.0	1121	1124	1136	1157	1175	1189	1190	1182	1163	1139
36.0	1067	1072	1086	1111	1133	1149	1151	1143	1119	1093
39.0	1009	1015	1034	1062	1089	1108	1110	1100	1074	1044
42.0	950.1	957.4	979.5	1012	1042	1064	1068	1056	1028	993.1
45.0	888.1	897.2	922.8	960.5	994.3	1019	1023	1011	979.4	941.1
48.0	825.0	836.4	865.2	907.2	945.4	972.3	977.5	963.9	929.8	887.2
51.0	760.5	773.2	806.6	853.3	895.1	924.0	930.4	915.5	879.3	833.6
54.0	694.6	709.4	747.2	798.6	843.8	874.8	881.4	866.3	827.8	778.8
57.0	627.7	645.3	688.1	743.4	791.3	824.9	832.3	816.2	776.0	723.9
60.0	560.0	580.8	628.6	687.9	739.1	774.1	781.6	765.5	723.8	668.9
63.0	491.9	516.3	568.8	633.0	686.6	722.6	730.8	714.3	671.5	614.1
66.0	423.4	451.6	510.4	578.5	634.2	671.0	679.3	663.3	619.2	560.0
69.0	355.4	388.3	453.1	525.1	582.6	619.9	628.9	612.3	568.0	507.1
72.0	287.8	326.7	397.7	472.7	531.5	569.4	578.3	562.0	517.5	455.3
75.0	222.1	268.2	344.2	421.6	482.0	519.8	528.8	512.7	468.6	405.5
78.0	159.8	212.4	293.6	373.1	433.9	472.0	481.0	465.3	421.4	357.6
81.0	103.6	162.1	246.9	327.7	388.5	426.5	435.4	420.0	376.2	312.1
84.0	55.19	118.8	204.8	286.0	346.4	384.0	393.4	378.1	334.8	271.8
87.0	20.93	83.86	168.0	248.7	306.7	342.4	349.6	336.8	296.3	234.8
90.0	8.065	60.21	140.8	216.5	272.7	307.0	315.2	301.5	262.5	203.4
93.0	7.914	45.82	120.3	191.5	246.2	277.4	287.1	272.1	236.3	179.8
96.0	8.300	31.98	87.88	136.8	185.0	228.2	245.5	220.8	171.2	127.2
99.0	8.681	24.04	69.22	120.4	165.1	203.6	221.4	195.1	154.5	108.6
102.0	9.057	21.36	62.22	111.2	153.3	188.6	201.1	180.2	144.2	101.1
105.0	9.453	19.30	55.24	100.6	140.3	172.0	181.9	164.2	132.6	90.36
108.0	9.847	17.81	49.07	90.38	128.6	155.9	164.1	149.0	120.0	76.55
111.0	10.24	16.70	43.87	81.19	116.5	140.5	147.7	134.6	107.7	67.04
114.0	10.63	15.75	39.54	73.08	104.8	126.3	133.2	121.1	91.39	58.66
117.0	10.99	14.91	35.67	65.56	93.80	113.1	119.3	108.6	83.09	51.10
120.0	11.39	14.24	32.27	58.63	83.60	101.0	106.5	97.32	73.34	42.77
123.0	11.75	13.66	29.30	52.25	74.32	89.93	94.71	86.86	63.72	37.96
126.0	12.10	13.18	26.63	46.49	65.91	79.68	83.97	76.17	52.55	33.14
129.0	12.46	12.78	24.18	41.43	58.31	70.46	74.24	62.11	45.61	29.70
132.0	12.86	13.06	22.05	36.98	51.53	62.10	65.34	57.84	39.50	26.98
135.0	13.25	13.43	20.19	32.99	45.50	54.61	57.32	51.08	34.41	24.17
138.0	13.65	13.81	18.60	29.38	40.11	47.84	50.17	42.93	30.32	22.10
141.0	14.04	14.16	17.16	26.15	35.19	41.78	43.76	37.67	26.90	20.25
144.0	14.41	14.52	15.93	23.28	30.76	36.29	37.90	31.86	23.96	18.65
147.0	14.76	14.87	15.03	20.77	26.83	31.31	32.57	26.52	21.48	17.34
150.0	15.09	15.20	15.27	18.54	23.37	26.95	28.00	22.96	19.35	16.23
153.0	15.39	15.52	15.55	16.66	20.33	23.11	23.40	20.14	17.62	15.44
156.0	15.71	15.82	15.81	15.71	17.74	19.83	18.95	18.00	16.29	15.43
159.0	16.01	16.11	16.07	15.94	15.79	17.09	17.39	16.36	15.65	15.65
162.0	16.30	16.36	16.30	16.15	15.96	15.81	15.85	15.87	15.88	15.88
165.0	16.57	16.58	16.48	16.35	16.15	16.01	16.09	16.09	16.08	16.10
168.0	16.78	16.78	16.64	16.50	16.33	16.19	16.30	16.28	16.27	16.30
171.0	16.96	16.92	16.76	16.62	16.44	16.34	16.46	16.43	16.40	16.45
174.0	17.09	17.01	16.86	16.70	16.54	16.45	16.57	16.52	16.51	16.57
177.0	17.17	17.03	16.88	16.74	16.59	16.52	16.63	16.56	16.57	16.68
180.0	17.18	17.01	16.85	16.72	16.60	16.58	16.64	16.55	16.59	16.70
G/C	150.0	165.0	180.0	195.0	210.0	225.0	240.0	255.0	270.0	285.0
0.0	1429	1430	1432	1431	1430	1430	1428	1429	1428	1429
3.0	1425	1425	1428	1428	1428	1427	1427	1427	1428	1427
6.0	1415	1415	1419	1418	1419	1420	1420	1421	1422	1422
9.0	1400	1400	1404	1403	1405	1407	1409	1411	1412	1412
12.0	1381	1379	1383	1383	1386	1389	1394	1398	1398	1398
15.0	1355	1353	1356	1357	1362	1367	1374	1377	1381	1380
18.0	1325	1322	1325	1327	1333	1341	1349	1356	1361	1359
21.0	1291	1287	1289	1291	1300	1311	1322	1331	1335	1334
24.0	1253	1246	1248	1252	1263	1277	1292	1303	1309	1307
27.0	1211	1203	1204	1208	1222	1239	1258	1272	1278	1275
30.0	1165	1155	1156	1161	1178	1199	1222	1238	1245	1241

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.3DEG

Operators: OHS

Test Date: 20 October 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: Z-WPL-40eS

## Photometric Data Table [cd]

33.0	1117	1104	1105	1110	1131	1155	1182	1201	1211	1205
36.0	1066	1051	1050	1057	1081	1109	1141	1163	1173	1167
39.0	1014	995.0	993.1	1002	1029	1062	1096	1122	1133	1126
42.0	958.8	937.1	934.2	944.5	974.2	1012	1052	1079	1091	1083
45.0	902.2	877.5	873.0	884.9	918.2	959.9	1003	1034	1048	1038
48.0	844.2	816.3	810.5	824.2	861.7	907.0	954.1	987.1	1002	991.3
51.0	786.1	754.1	746.9	762.2	803.3	853.2	904.1	939.5	954.2	943.4
54.0	727.3	691.1	682.1	699.8	744.9	798.8	853.2	889.2	904.7	893.2
57.0	667.9	627.9	617.0	636.0	685.6	743.5	800.5	838.5	854.4	842.5
60.0	608.4	564.3	550.2	572.7	626.6	688.1	747.8	787.0	803.2	790.0
63.0	549.7	500.2	483.6	509.0	568.0	633.3	694.4	734.7	751.1	737.6
66.0	491.8	437.0	417.1	446.0	509.7	578.5	641.4	681.8	698.7	684.8
69.0	435.2	374.3	350.6	383.8	452.9	525.1	588.4	629.5	645.7	631.9
72.0	380.0	313.5	285.0	323.1	397.2	472.3	537.2	577.4	593.4	579.7
75.0	327.3	255.3	221.3	264.6	344.3	421.2	486.6	526.5	542.5	528.5
78.0	277.4	200.2	160.2	209.7	294.1	372.8	437.6	477.7	492.6	479.1
81.0	231.3	150.1	104.3	159.7	247.6	326.7	391.7	431.1	446.0	432.6
84.0	189.8	107.1	56.49	117.3	205.5	284.9	349.1	388.2	401.8	388.5
87.0	154.0	72.97	21.93	82.35	168.6	247.1	309.7	345.5	357.3	345.9
90.0	127.6	50.39	7.013	58.64	140.1	214.7	275.2	309.7	321.9	309.8
93.0	107.9	37.30	6.601	43.97	119.0	189.6	247.6	281.2	292.8	281.5
96.0	78.14	25.62	6.959	29.82	86.30	134.6	181.1	226.2	251.3	226.3
99.0	59.48	19.27	7.316	21.56	64.13	114.4	161.6	201.5	226.4	200.0
102.0	52.92	16.60	7.689	18.34	55.15	100.6	151.0	187.0	205.2	183.6
105.0	45.04	15.31	8.070	16.48	47.95	87.04	138.4	170.8	185.2	166.6
108.0	38.87	14.47	8.446	14.97	44.42	78.96	109.7	154.5	166.8	150.6
111.0	33.73	13.36	8.804	13.66	37.47	71.28	103.3	139.3	149.8	136.3
114.0	29.45	12.82	9.147	12.61	32.70	64.63	92.10	125.3	134.2	122.6
117.0	26.00	12.47	9.529	11.84	29.35	56.68	85.71	107.5	119.8	109.9
120.0	23.22	12.24	9.919	11.30	25.75	47.79	75.30	81.07	106.6	97.98
123.0	21.25	12.13	10.29	10.96	22.79	41.28	65.95	76.39	94.52	87.05
126.0	19.60	12.17	10.64	10.72	20.19	35.26	58.27	68.60	83.53	77.11
129.0	18.39	12.55	11.01	10.93	18.24	31.49	49.30	62.98	73.56	68.06
132.0	17.28	12.93	11.41	11.30	16.66	27.75	41.61	56.81	64.44	59.84
135.0	16.34	13.29	11.83	11.71	15.43	24.50	36.13	47.56	55.24	52.43
138.0	15.58	13.67	12.26	12.13	14.48	21.69	30.39	43.43	48.14	45.71
141.0	14.98	14.03	12.69	12.55	13.76	19.40	26.69	38.32	41.54	39.67
144.0	14.53	14.38	13.11	12.97	13.21	17.64	23.58	32.04	32.33	34.15
147.0	14.70	14.71	13.54	13.38	13.39	16.20	20.72	26.42	26.26	29.28
150.0	14.97	15.03	13.96	13.77	13.75	15.08	18.38	22.45	22.70	24.94
153.0	15.24	15.31	14.37	14.18	14.13	14.29	16.59	19.31	20.44	21.06
156.0	15.50	15.59	14.78	14.59	14.51	14.49	15.27	16.97	18.03	17.89
159.0	15.74	15.86	15.18	14.99	14.87	14.84	14.86	15.24	15.83	15.27
162.0	15.98	16.10	15.59	15.37	15.25	15.21	15.20	15.25	15.12	15.14
165.0	16.21	16.34	15.98	15.74	15.61	15.56	15.54	15.58	15.49	15.47
168.0	16.40	16.54	16.32	16.08	15.94	15.86	15.83	15.88	15.82	15.76
171.0	16.57	16.70	16.63	16.39	16.23	16.14	16.10	16.14	16.10	16.02
174.0	16.69	16.83	16.88	16.64	16.51	16.39	16.31	16.35	16.34	16.24
177.0	16.77	16.91	17.08	16.87	16.73	16.61	16.50	16.49	16.53	16.43
180.0	16.81	16.93	17.20	16.99	16.85	16.71	16.60	16.57	16.63	16.54
G/C	300.0	315.0	330.0	345.0						
0.0	1429	1429	1429	1430						
3.0	1427	1428	1428	1427						
6.0	1423	1421	1421	1420						
9.0	1412	1410	1409	1407						
12.0	1397	1394	1391	1388						
15.0	1378	1373	1369	1364						
18.0	1356	1348	1343	1336						
21.0	1328	1319	1310	1302						
24.0	1298	1286	1273	1263						
27.0	1266	1249	1233	1221						
30.0	1229	1209	1190	1174						
33.0	1190	1166	1143	1124						
36.0	1149	1120	1093	1071						
39.0	1105	1072	1040	1015						
42.0	1059	1022	986.3	957.6						
45.0	1012	969.8	929.0	897.7						
48.0	961.4	916.0	871.9	835.8						
51.0	910.9	862.2	812.8	772.6						
54.0	859.0	806.4	753.6	709.0						
57.0	806.4	750.8	692.7	644.6						
60.0	752.9	694.9	632.9	579.4						
63.0	699.5	638.5	572.6	514.2						
66.0	645.4	583.0	512.8	449.0						

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature: 25.3DEG

Operators: OHS

Test Date: 20 October 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: Z-WPL-40eS



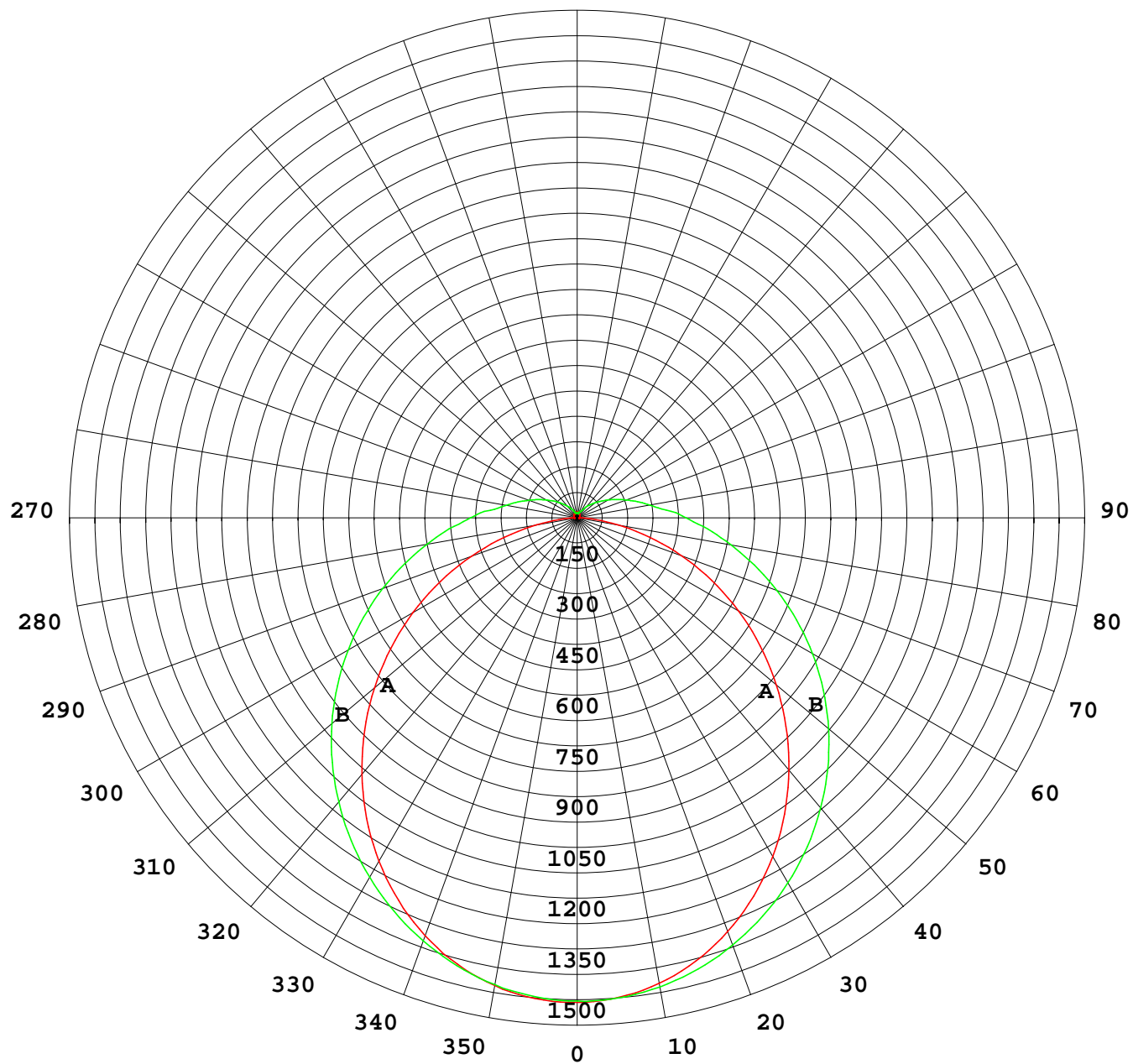
**Photometric Data Table [cd]**

69.0	592.3	528.2	454.7	384.9
72.0	540.1	474.8	398.0	322.2
75.0	488.9	422.8	343.4	262.0
78.0	439.6	373.2	291.8	205.1
81.0	392.8	326.2	244.4	154.0
84.0	349.3	283.5	201.5	110.9
87.0	309.2	245.3	164.0	75.78
90.0	274.8	212.9	135.5	52.58
93.0	247.0	187.3	114.5	38.68
96.0	183.2	135.4	83.26	26.22
99.0	163.5	116.2	64.08	19.56
102.0	151.4	106.7	57.07	16.90
105.0	137.7	96.05	50.58	15.22
108.0	123.9	85.87	44.59	14.12
111.0	111.1	76.49	39.21	13.22
114.0	99.29	67.89	34.65	12.45
117.0	88.70	60.22	31.00	11.84
120.0	79.12	53.41	27.92	11.35
123.0	70.39	47.53	25.25	10.90
126.0	62.41	42.28	22.90	10.88
129.0	55.15	37.61	20.73	11.23
132.0	48.61	33.48	18.87	11.61
135.0	42.77	29.75	17.24	12.00
138.0	37.52	26.34	15.80	12.40
141.0	32.74	23.30	14.52	12.80
144.0	28.44	20.63	13.51	13.22
147.0	24.60	18.25	13.79	13.62
150.0	21.20	16.20	14.15	14.01
153.0	18.29	14.58	14.50	14.40
156.0	15.80	14.82	14.84	14.78
159.0	14.95	15.12	15.18	15.15
162.0	15.28	15.45	15.50	15.52
165.0	15.59	15.75	15.83	15.86
168.0	15.87	16.03	16.11	16.18
171.0	16.11	16.27	16.36	16.47
174.0	16.34	16.48	16.56	16.69
177.0	16.51	16.65	16.72	16.85
180.0	16.58	16.70	16.80	16.92

**C Range: 0 - 360DEG**  
**C Interval: 15.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: OHS**  
**Test Date: 20 October 2022**

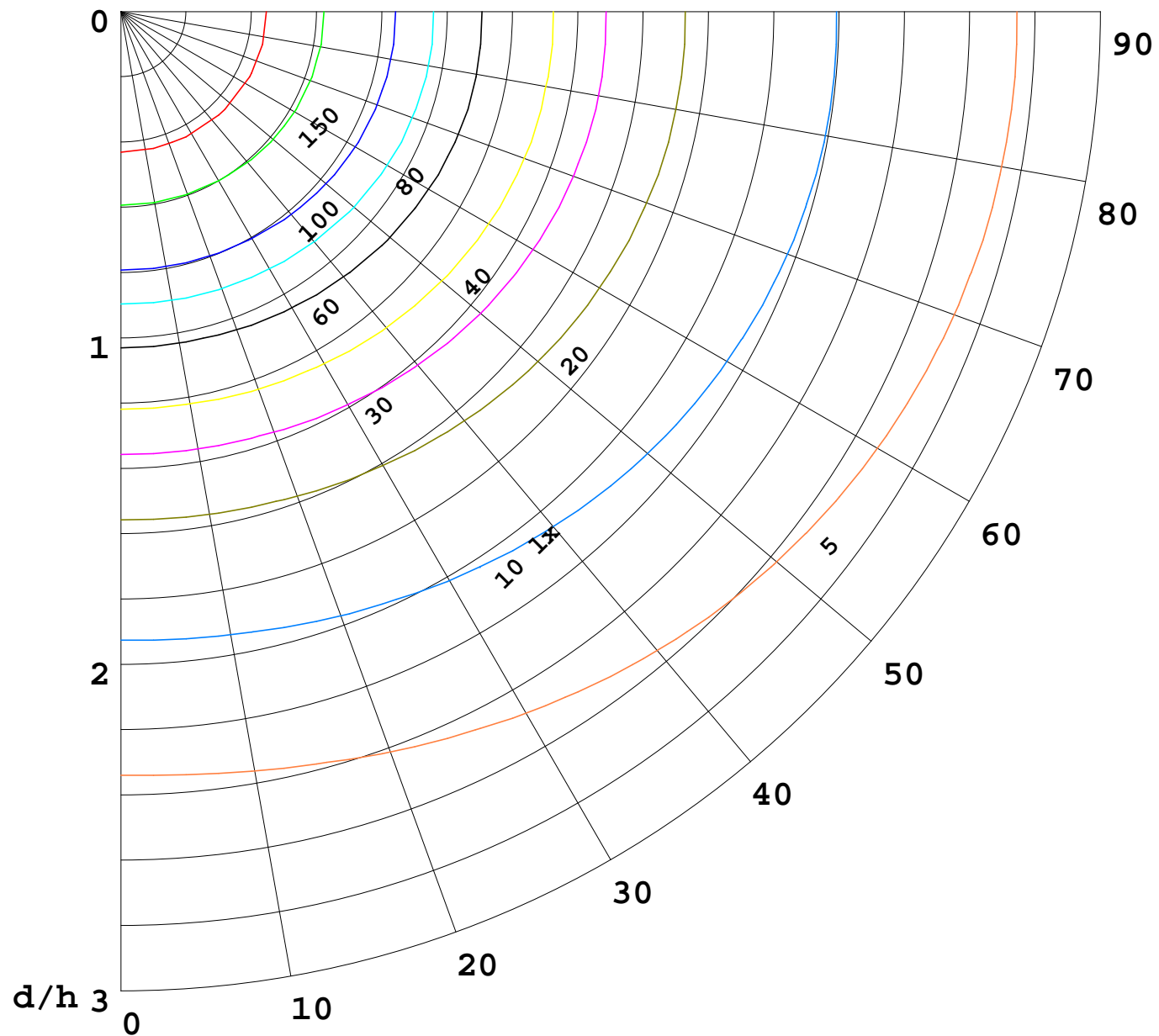
**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.351**  
**Humidity: 65.0%**  
**Test Distance: 8.100m [K=1.0000]**  
**Remarks: Z-WPL-40eS**

I(cd)



1000 lm

$\kappa = 1$



**F** = 1000 lm  
**K** = 0.7  
**Hcc** = 0.8 m  
**Hfc** = 0.0 m  
**Eave** = 100 lx

	<b>Pcc</b>	<b>Pw</b>	<b>Pfc</b>
—————	70	50	30
—————	50	30	20

