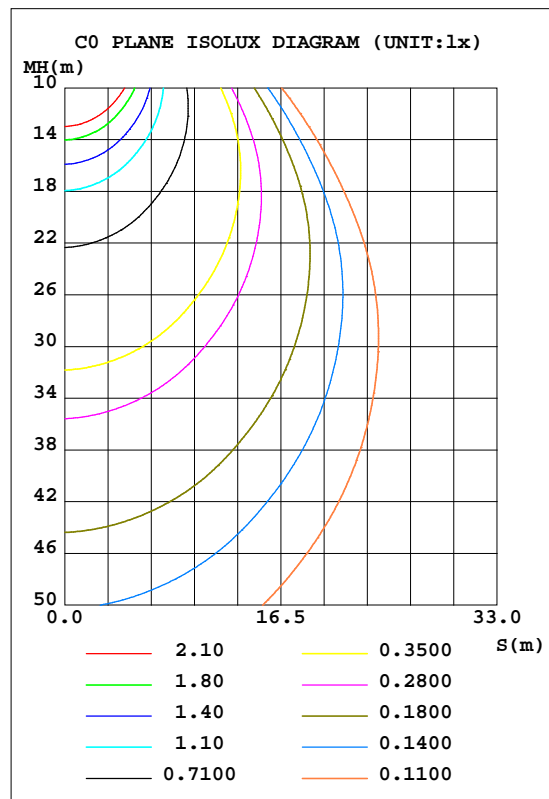
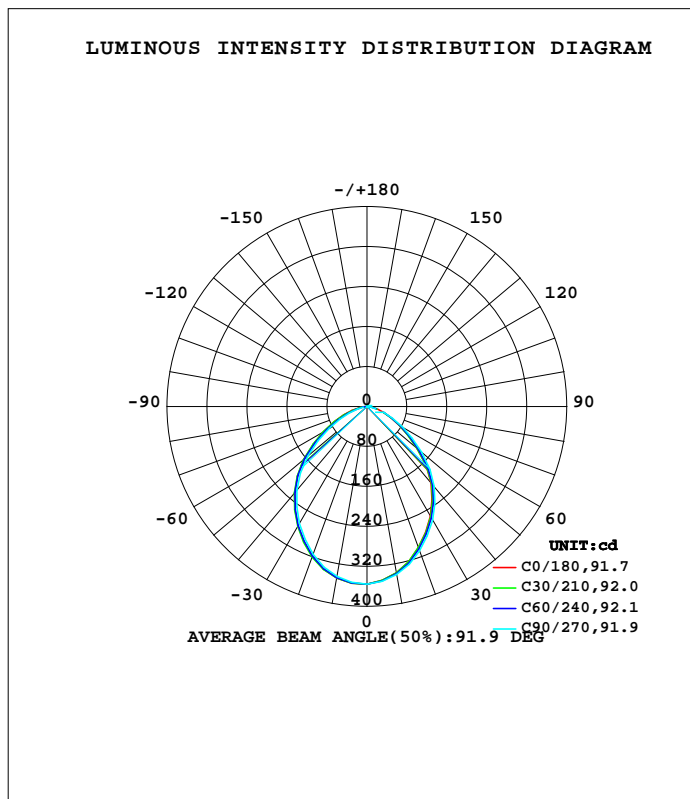


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.16V I:0.0818A P:9.7948W PF:0.9961 Freq:59.98Hz Lamp Flux:752.214x1 lm		
NAME: ASD-LDLRK-GBR-4D1040-WH	TYPE: DOWNLIGHT	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 76.80 lm/W			
MODEL: ASD-LDLRK-GBR-4D1040-WH		I _{max} (cd)	355.3	S/MH(C0/180)	1.17
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	1.15
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	752.21	h UP, DN(C0-180)	0.5, 48.7
NOMINAL FLUX(lm)	752.214	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.4, 50.5
LAMPS INSIDE	1	h up(%)	0.9	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	h down(%)	99.1	CIBSE SHR MAX	1.30



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: L
 Test Date: 2020-10-08

g Range: 0 - 180DEG
 g Interval: 5.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0063]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

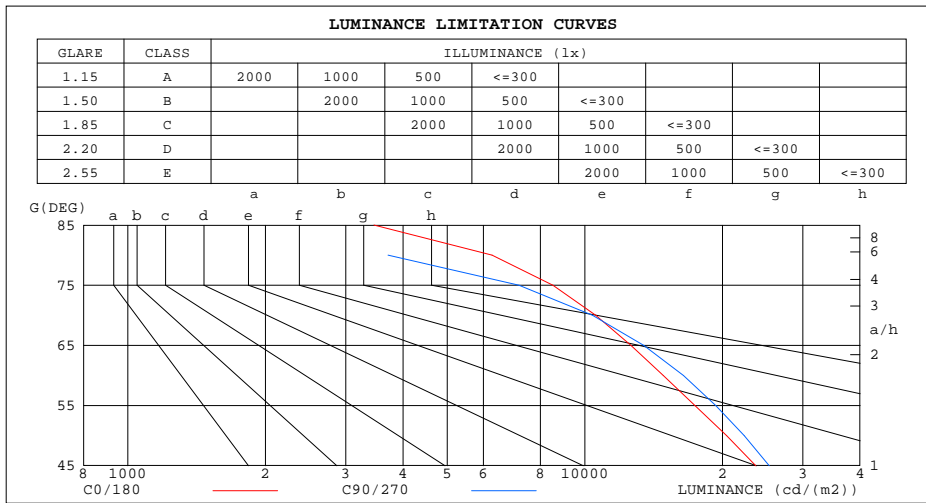
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	338.1	338.9	341.8	345.9	348.4	348.3	345.5	340.8	0- 10	33.34	33.34	4.43,4.43
20	300.4	302.2	307.8	314.9	319.9	319.8	314.9	305.8	10- 20	92.68	126.0	16.8,16.8
30	253.8	257.5	262.4	271.8	276.4	275.7	271.1	258.9	20- 30	133.1	259.1	34.5,34.5
40	199.6	204.1	209.5	220.4	225.7	224.6	218.5	205.2	30- 40	150.3	409.5	54.4,54.4
50	131.7	134.1	143.3	158.4	165.5	164.6	154.7	139.6	40- 50	140.5	550.0	73.1,73.1
60	74.36	75.58	82.10	93.57	100.0	97.72	87.40	80.42	50- 60	104.2	654.1	87,87
70	36.20	36.16	35.53	45.14	49.83	45.47	37.94	38.53	60- 70	61.69	715.8	95.2,95.2
80	10.90	8.655	6.433	10.88	16.17	11.18	7.733	9.637	70- 80	25.72	741.6	98.6,98.6
90	0.1896	0.1735	0.1414	0.1459	0.1098	0.1097	0.0959	0.1460	80- 90	4.044	745.6	99.1,99.1
100	0.4111	0.3881	0.3506	0.3192	0.2699	0.2645	0.2736	0.3324	90-100	0.2437	745.8	99.2,99.2
110	0.7218	0.6894	0.6421	0.6017	0.5168	0.5200	0.5425	0.6103	100-110	0.4859	746.3	99.2,99.2
120	1.074	1.041	1.002	0.9298	0.8368	0.8212	0.8661	0.9338	110-120	0.7614	747.1	99.3,99.3
130	1.435	1.397	1.362	1.290	1.193	1.177	1.226	1.280	120-130	0.9973	748.1	99.5,99.5
140	1.764	1.725	1.699	1.641	1.532	1.515	1.554	1.604	130-140	1.129	749.2	99.6,99.6
150	2.057	2.054	2.032	1.969	1.843	1.834	1.891	1.923	140-150	1.120	750.3	99.7,99.7
160	2.326	2.328	2.319	2.260	2.176	2.154	2.201	2.223	150-160	0.9684	751.3	99.9,99.9
170	2.528	2.524	2.515	2.502	2.460	2.464	2.470	2.474	160-170	0.6703	752.0	100,100
180	2.628	2.638	2.625	2.647	2.633	2.647	2.629	2.647	170-180	0.2441	752.2	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:L
 Test Date:2020-10-08

g Range: 0 - 180DEG
 g Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.000m [K=1.0063]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.16V I:0.0818A P:9.7948W PF:0.9961 Freq:59.98Hz Lamp Flux:752.214x1 lm		
NAME: ASD-LDLRK-GBR-4D1040-WH	TYPE: DOWNLIGHT	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	3457	631
80	6263	3708
75	8520	7170
70	10559	10397
65	12627	13469
60	14838	16435
55	17413	19353
50	20445	22321
45	23663	25305

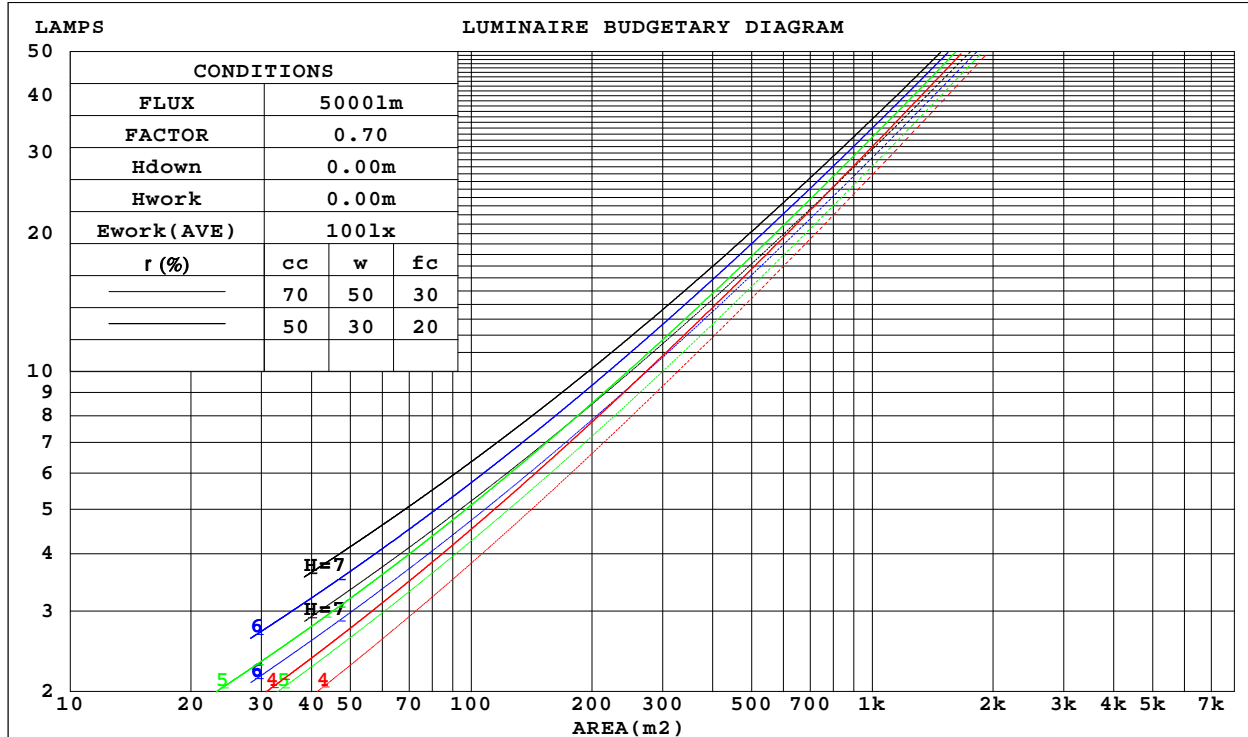
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: L
 Test Date: 2020-10-08

g Range: 0 - 180DEG
 g Interval: 5.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0063]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.16V I:0.0818A P:9.7948W PF:0.9961 Freq:59.98Hz Lamp Flux:752.214x1 lm		
NAME: ASD-LDLRK-GBR-4D1040-WH	TYPE: DOWNLIGHT	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

r cc	80%			70%			50%			30%			10%			0
r w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r 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	1.01	1.01	1.01	.99
1.0	1.06	1.03	.99	1.04	1.01	.98	.90	.97	.94	.96	.93	.91	.92	.90	.88	.86
2.0	.94	.88	.83	.92	.87	.82	.89	.84	.80	.85	.82	.78	.82	.79	.76	.74
3.0	.84	.77	.71	.82	.76	.70	.79	.74	.69	.77	.72	.68	.74	.70	.66	.64
4.0	.75	.67	.61	.74	.67	.61	.71	.65	.60	.69	.64	.59	.67	.62	.58	.56
5.0	.68	.60	.54	.67	.59	.53	.65	.58	.53	.63	.57	.52	.61	.56	.51	.49
6.0	.62	.53	.47	.61	.53	.47	.59	.52	.47	.57	.51	.46	.56	.50	.46	.44
7.0	.56	.48	.42	.55	.48	.42	.54	.47	.42	.52	.46	.41	.51	.45	.41	.39
8.0	.52	.44	.38	.51	.43	.38	.50	.43	.38	.48	.42	.37	.47	.41	.37	.35
9.0	.48	.40	.35	.47	.40	.34	.46	.39	.34	.45	.38	.34	.44	.38	.34	.32
10.0	.44	.37	.32	.44	.36	.31	.42	.36	.31	.42	.35	.31	.41	.35	.31	.29



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:L
 Test Date:2020-10-08

g Range: 0 - 180DEG
 g Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.000m [K=1.0063]
 Remarks:

WEC AND CCEC

Test:U:120.16V I:0.0818A P:9.7948W PF:0.9961 Freq:59.98Hz Lamp Flux:752.214x1 lm		
NAME: ASD-LDLRK-GBR-4D1040-WH	TYPE: DOWNLIGHT	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

r cc	80%			70%			50%			30%			10%			0
r w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.262	.149	.047	.254	.145	.046	.241	.138	.044	.229	.132	.042	.217	.126	.041	
2.0	.253	.139	.043	.247	.136	.042	.235	.131	.041	.224	.126	.039	.214	.121	.038	
3.0	.239	.127	.038	.233	.125	.038	.223	.121	.037	.213	.117	.036	.204	.113	.035	
4.0	.224	.116	.034	.219	.115	.034	.210	.111	.033	.201	.108	.033	.193	.105	.032	
5.0	.210	.107	.031	.205	.105	.031	.197	.103	.030	.189	.100	.030	.182	.097	.029	
6.0	.196	.098	.028	.192	.097	.028	.185	.095	.028	.178	.093	.027	.172	.091	.027	
7.0	.184	.091	.026	.181	.090	.026	.174	.088	.025	.168	.086	.025	.162	.084	.025	
8.0	.173	.085	.024	.170	.084	.024	.164	.082	.023	.159	.080	.023	.154	.079	.023	
9.0	.163	.079	.022	.161	.078	.022	.155	.077	.022	.150	.075	.022	.146	.074	.021	
10.0	.154	.074	.021	.152	.073	.020	.147	.072	.020	.143	.071	.020	.138	.070	.020	

r cc	80%			70%			50%			30%			10%			0
r w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.197	.197	.197	.169	.169	.169	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.184	.163	.145	.157	.140	.125	.108	.096	.086	.062	.056	.050	.020	.018	.016	
2.0	.174	.139	.110	.149	.120	.095	.102	.083	.066	.059	.048	.039	.019	.016	.013	
3.0	.165	.121	.086	.142	.104	.074	.097	.072	.052	.056	.042	.031	.018	.014	.010	
4.0	.157	.107	.069	.135	.093	.060	.093	.065	.042	.054	.038	.025	.017	.012	.008	
5.0	.150	.097	.057	.129	.084	.050	.089	.058	.035	.051	.034	.021	.017	.011	.007	
6.0	.143	.088	.049	.123	.076	.042	.085	.053	.030	.049	.031	.018	.016	.010	.006	
7.0	.137	.081	.042	.118	.070	.037	.081	.049	.026	.047	.029	.015	.015	.010	.005	
8.0	.131	.075	.037	.113	.065	.032	.078	.046	.023	.045	.027	.014	.015	.009	.005	
9.0	.125	.070	.033	.108	.061	.029	.075	.043	.021	.044	.025	.012	.014	.008	.004	
10.0	.120	.066	.030	.103	.057	.027	.072	.040	.019	.042	.024	.011	.014	.008	.004	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:L
 Test Date:2020-10-08

g Range: 0 - 180DEG
 g Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.000m [K=1.0063]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.16V I:0.0818A P:9.7948W PF:0.9961 Freq:59.98Hz Lamp Flux:752.214x1 lm										
NAME: ASD-LDLRK-GBR-4D1040-WH					TYPE: DOWNLIGHT			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: ASD Lighting Corp					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	22.5	22.8	21.8	23.2	22.1	23.6	23.9
3H	21.8	23.1	22.2	23.4	23.8	22.7	24.0	23.1	24.3	24.7
4H	22.1	23.4	22.5	23.7	24.1	22.9	24.1	23.3	24.5	24.9
6H	22.3	23.4	22.7	23.8	24.2	22.9	24.0	23.3	24.4	24.8
8H	22.3	23.4	22.8	23.8	24.2	22.9	24.0	23.3	24.4	24.8
12H	22.3	23.4	22.8	23.8	24.2	22.8	23.9	23.3	24.3	24.7
4H 2H	21.1	22.3	21.5	22.7	23.1	22.3	23.5	22.7	23.9	24.3
3H	22.4	23.4	22.8	23.8	24.2	23.3	24.4	23.8	24.8	25.2
4H	22.8	23.7	23.2	24.1	24.6	23.6	24.5	24.0	24.9	25.4
6H	23.1	23.8	23.5	24.3	24.8	23.7	24.5	24.1	24.9	25.4
8H	23.1	23.8	23.6	24.3	24.8	23.6	24.4	24.1	24.8	25.3
12H	23.1	23.8	23.6	24.3	24.7	23.6	24.3	24.1	24.8	25.3
8H 4H	22.9	23.6	23.4	24.1	24.6	23.7	24.5	24.2	24.9	25.4
6H	23.2	23.8	23.7	24.3	24.8	23.8	24.4	24.4	25.0	25.5
8H	23.3	23.8	23.8	24.3	24.8	23.8	24.4	24.3	24.9	25.4
12H	23.3	23.8	23.8	24.3	24.9	23.8	24.3	24.3	24.8	25.4
12H 4H	22.9	23.5	23.4	24.0	24.5	23.7	24.4	24.2	24.9	25.4
6H	23.2	23.7	23.7	24.2	24.8	23.8	24.4	24.4	24.9	25.4
8H	23.2	23.7	23.8	24.2	24.8	23.8	24.3	24.4	24.8	25.4
CIE190: 2010										

CIE190: 2010
Area: 0.01 m2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:L
Test Date:2020-10-08

g Range: 0 - 180DEG
g Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
Humidity:65.0%
Test Distance:8.000m [K=1.0063]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.16V I:0.0818A P:9.7948W PF:0.9961 Freq:59.98Hz Lamp Flux:752.214x1 lm		
NAME: ASD-LDLRK-GBR-4D1040-WH	TYPE: DOWNLIGHT	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

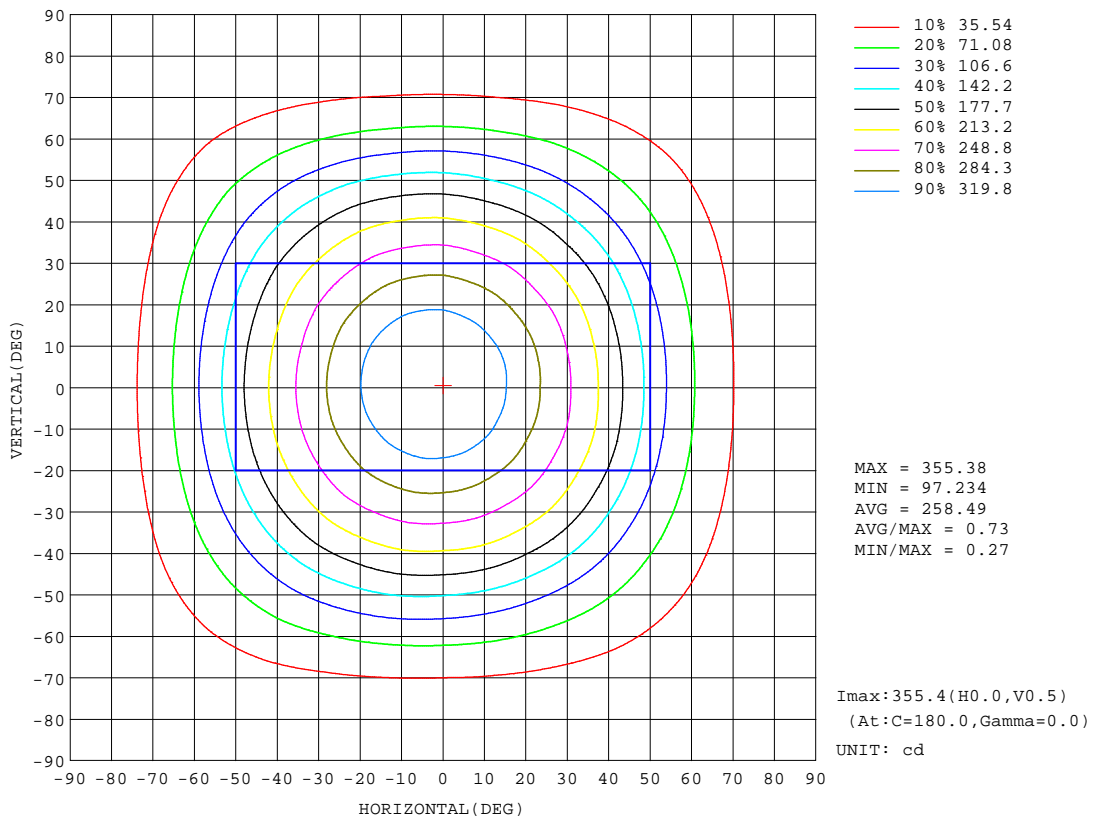
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	63	52	46	62	52	46	61	52	46	40
0.80	73	63	56	72	62	56	70	61	56	49
1.00	81	72	65	80	71	65	78	72	64	58
1.25	88	79	73	87	78	72	84	77	71	65
1.50	93	84	78	91	83	78	88	82	77	70
2.00	99	92	86	97	90	85	94	88	84	76
2.50	102	95	90	100	94	89	96	91	87	80
3.00	105	99	94	103	98	93	99	95	91	83
4.00	108	104	100	106	102	98	102	98	95	87
5.00	110	106	103	108	104	101	103	101	98	89
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: L
 Test Date: 2020-10-08

g Range: 0 - 180DEG
 g Interval: 5.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0063]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.16V I:0.0818A P:9.7948W PF:0.9961 Freq:59.98Hz Lamp Flux:752.214x1 lm		
NAME: ASD-LDLRK-GBR-4D1040-WH	TYPE: DOWNLIGHT	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



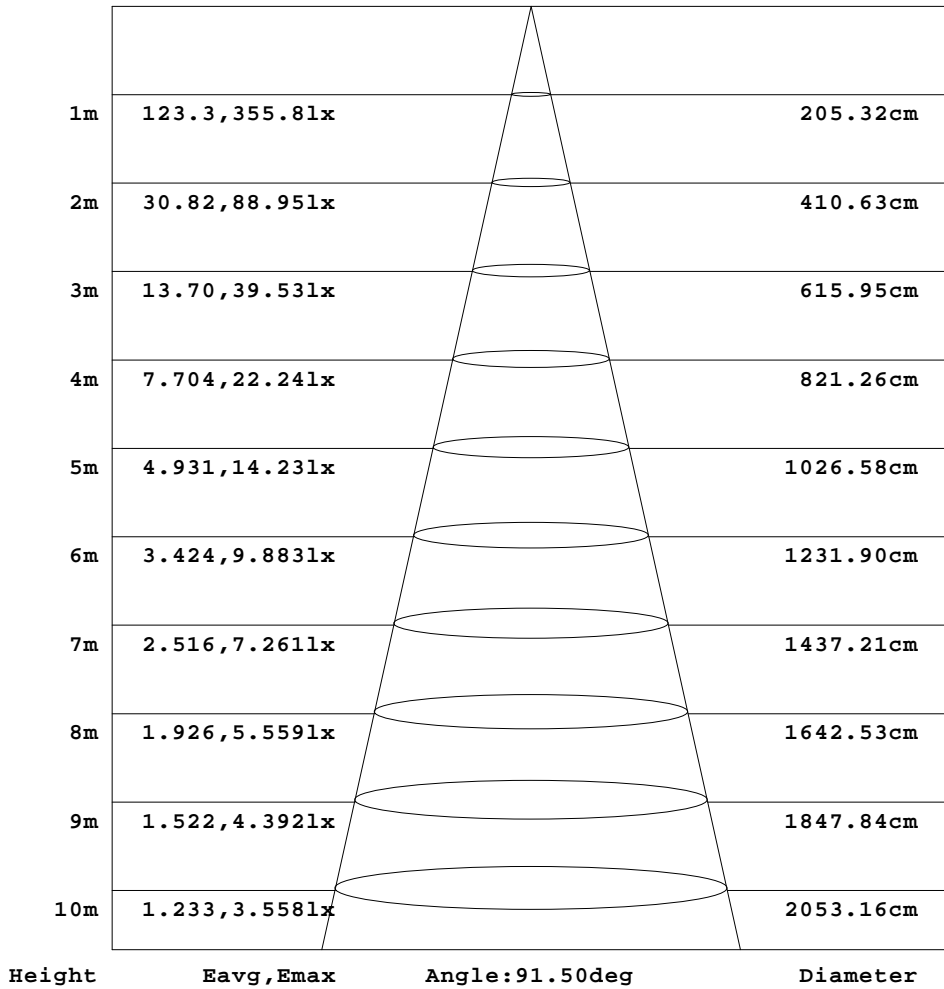
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:L
 Test Date:2020-10-08

g Range: 0 - 180DEG
 g Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.000m [K=1.0063]
 Remarks:

AAI Figure

Test:U:120.16V I:0.0818A P:9.7948W PF:0.9961 Freq:59.98Hz Lamp Flux:752.214x1 lm		
NAME: ASD-LDLRK-GBR-4D1040-WH	TYPE: DOWNLIGHT	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

Flux out:550.0 lm



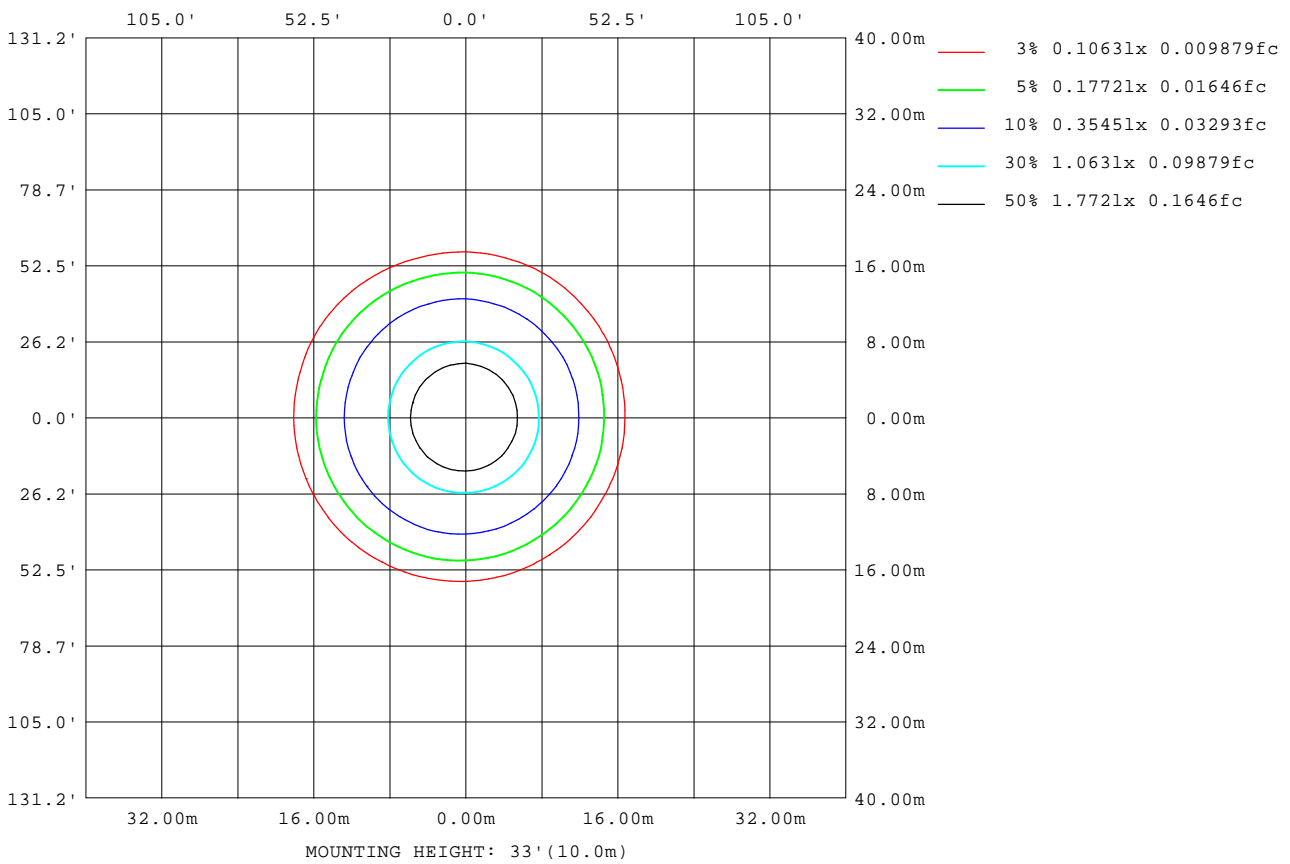
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:L
 Test Date:2020-10-08

g Range: 0 - 180DEG
 g Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.000m [K=1.0063]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.16V I:0.0818A P:9.7948W PF:0.9961 Freq:59.98Hz Lamp Flux:752.214x1 lm		
NAME: ASD-LDLRK-GBR-4D1040-WH	TYPE: DOWNLIGHT	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: L
 Test Date: 2020-10-08

g Range: 0 - 180DEG
 g Interval: 5.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0063]
 Remarks:

LED Avg.L Report

Test:U:120.16V I:0.0818A P:9.7948W PF:0.9961 Freq:59.98Hz Lamp Flux:752.214x1 lm		
NAME: ASD-LDLRK-GBR-4D1040-WH	TYPE: DOWNLIGHT	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

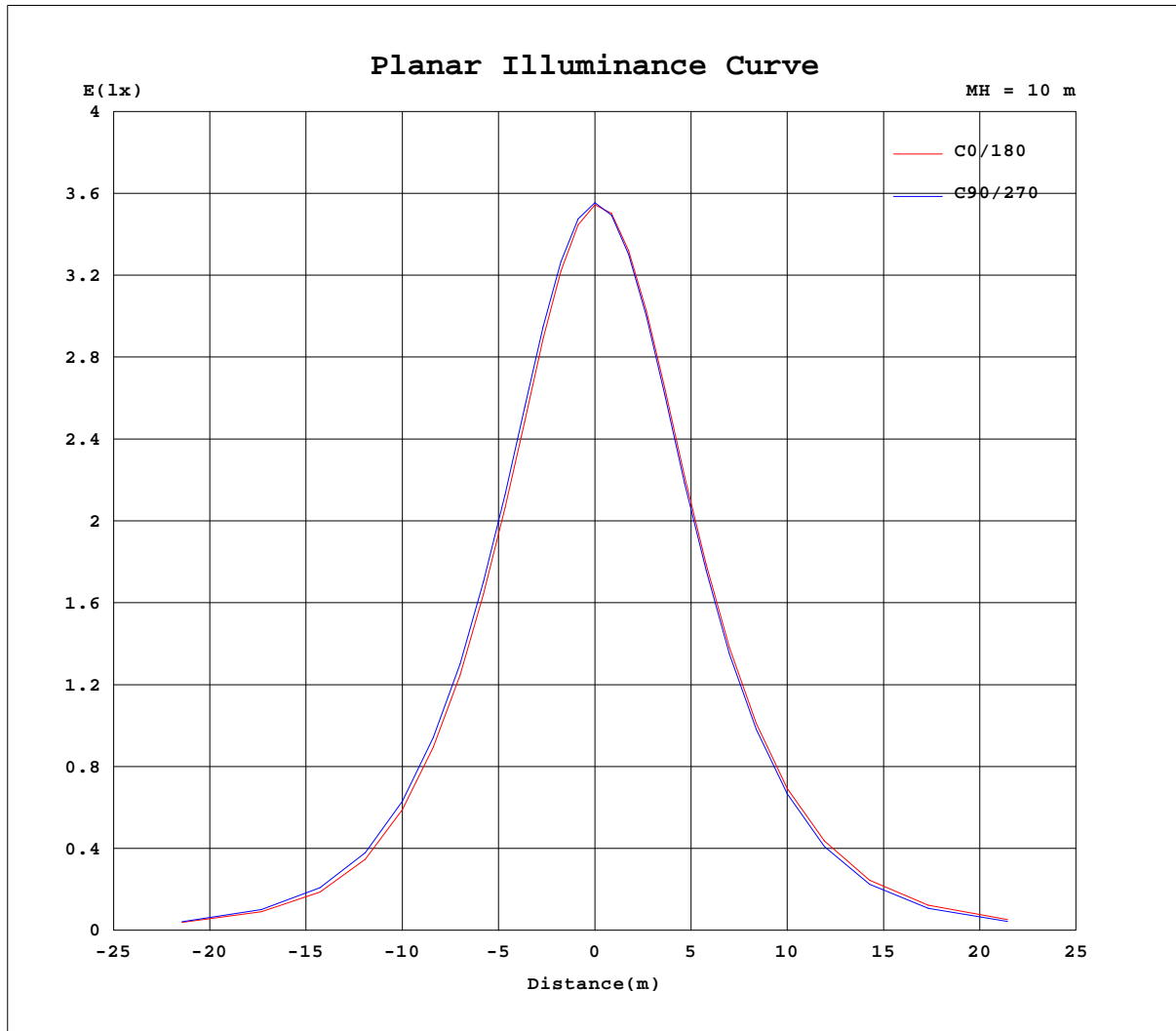
AvgL	cd/m2
L_0~180(65)av	14916
L_0~180(75)av	10296
L_0~180(85)av	4786
L_90~270(65)av	13822
L_90~270(75)av	7524
L_90~270(85)av	1026
L_45(65)av	14731
L_45(75)av	9189
L_45(85)av	2219

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:L
 Test Date:2020-10-08

g Range: 0 - 180DEG
 g Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.000m [K=1.0063]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: L
 Test Date: 2020-10-08

g Range: 0 - 180DEG
 g Interval: 5.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0063]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.16V I:0.0818A P:9.7948W PF:0.9961 Freq:59.98Hz Lamp Flux:752.214x1 lm		
NAME: ASD-LDLRK-GBR-4D1040-WH	TYPE: DOWNLIGHT	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(DEG) g (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	355	355	355	355	355	355	355	355	355	355	355	355	355	355	355	355	355	355	355
5	349	349	349	350	350	351	351	352	353	354	354	355	355	355	355	355	354	354	353
10	338	338	338	339	339	341	342	343	344	346	347	348	348	349	349	348	348	347	345
15	322	321	322	323	324	326	327	329	331	333	334	335	337	337	337	336	336	334	333
20	300	301	301	302	304	306	308	311	312	315	316	318	320	320	321	320	319	317	315
25	278	279	279	280	282	284	286	289	291	294	295	297	299	299	300	299	298	296	293
30	254	255	255	257	258	261	262	266	268	272	273	275	276	276	277	276	275	272	271
35	228	230	229	232	233	235	237	241	243	247	248	250	252	251	253	251	251	248	245
40	200	202	202	204	205	208	210	214	216	220	222	224	226	225	226	225	224	221	219
45	168	169	168	171	172	176	179	184	187	191	193	195	197	196	198	196	196	192	189
50	132	132	132	134	136	140	143	149	153	158	161	164	165	165	166	165	163	158	155
55	100	100.0	99.8	102	104	107	111	116	119	124	127	129	131	131	132	130	127	122	120
60	74.4	74.2	74.1	75.6	77.0	80.0	82.1	85.4	89.2	93.6	95.9	98.4	100	100	101	97.7	93.3	88.8	87.4
65	53.5	53.3	53.2	54.4	54.9	56.0	56.9	59.4	62.7	67.8	70.0	71.5	72.6	72.5	72.5	69.1	64.9	61.1	60.0
70	36.2	36.0	35.8	36.2	35.4	35.4	35.5	37.5	40.3	45.1	47.7	49.1	49.8	49.7	49.1	45.5	41.8	38.8	37.9
75	22.1	21.9	21.4	20.8	19.3	18.8	18.5	19.8	21.9	25.9	28.9	30.6	31.2	30.8	29.8	26.1	23.2	20.8	20.4
80	10.9	10.6	9.75	8.66	7.19	6.64	6.43	7.01	8.11	10.9	13.6	15.5	16.2	15.7	14.3	11.2	9.19	7.95	7.73
85	3.02	2.67	1.90	1.41	0.91	0.65	0.55	0.75	1.18	2.06	3.29	4.75	5.32	4.94	3.80	2.51	1.89	1.32	1.24
90	0.19	0.19	0.20	0.17	0.16	0.15	0.14	0.14	0.14	0.15	0.15	0.13	0.11	0.11	0.10	0.11	0.10	0.10	0.10
95	0.28	0.28	0.29	0.26	0.26	0.24	0.23	0.23	0.22	0.21	0.21	0.21	0.17	0.17	0.16	0.16	0.16	0.17	0.17
100	0.41	0.41	0.41	0.39	0.38	0.36	0.35	0.34	0.34	0.32	0.32	0.31	0.27	0.26	0.26	0.26	0.26	0.27	0.27
105	0.56	0.55	0.55	0.53	0.52	0.51	0.49	0.47	0.46	0.45	0.45	0.44	0.38	0.38	0.37	0.38	0.39	0.39	0.39
110	0.72	0.71	0.72	0.69	0.68	0.66	0.64	0.62	0.61	0.60	0.60	0.59	0.52	0.52	0.51	0.52	0.52	0.53	0.54
115	0.90	0.88	0.88	0.86	0.85	0.83	0.82	0.79	0.79	0.76	0.76	0.75	0.67	0.67	0.66	0.67	0.67	0.69	0.70
120	1.07	1.06	1.06	1.04	1.03	1.00	1.00	0.96	0.96	0.93	0.92	0.92	0.84	0.84	0.82	0.82	0.84	0.85	0.87
125	1.25	1.24	1.24	1.22	1.21	1.19	1.18	1.15	1.13	1.11	1.10	1.10	1.02	1.00	0.99	1.00	1.01	1.03	1.04
130	1.43	1.43	1.42	1.40	1.39	1.37	1.36	1.33	1.31	1.29	1.28	1.27	1.19	1.18	1.17	1.18	1.18	1.19	1.23
135	1.59	1.58	1.59	1.56	1.56	1.54	1.54	1.51	1.48	1.47	1.46	1.45	1.37	1.35	1.34	1.35	1.36	1.38	1.39
140	1.76	1.74	1.74	1.73	1.72	1.71	1.70	1.67	1.65	1.64	1.63	1.61	1.53	1.51	1.51	1.51	1.53	1.54	1.55
145	1.91	1.89	1.90	1.89	1.88	1.87	1.87	1.84	1.82	1.81	1.79	1.78	1.68	1.67	1.66	1.67	1.68	1.71	1.73
150	2.06	2.05	2.05	2.05	2.04	2.03	2.03	2.00	1.99	1.97	1.95	1.94	1.84	1.84	1.83	1.83	1.85	1.88	1.89
155	2.19	2.18	2.20	2.22	2.19	2.19	2.19	2.16	2.14	2.12	2.10	2.09	2.01	2.00	1.99	1.99	2.01	2.05	2.06
160	2.33	2.32	2.32	2.33	2.32	2.32	2.32	2.30	2.28	2.26	2.25	2.25	2.18	2.16	2.15	2.15	2.16	2.19	2.20
165	2.44	2.43	2.43	2.42	2.44	2.43	2.43	2.41	2.40	2.40	2.38	2.39	2.33	2.33	2.32	2.31	2.32	2.34	2.34
170	2.53	2.52	2.52	2.52	2.53	2.52	2.52	2.51	2.50	2.50	2.51	2.51	2.46	2.47	2.47	2.46	2.46	2.46	2.47
175	2.60	2.59	2.60	2.61	2.60	2.59	2.59	2.59	2.60	2.62	2.62	2.60	2.57	2.58	2.58	2.57	2.56	2.56	2.56
180	2.63	2.64	2.65	2.64	2.63	2.63	2.62	2.63	2.64	2.65	2.64	2.64	2.63	2.63	2.64	2.65	2.64	2.63	2.63

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:L
 Test Date:2020-10-08

g Range: 0 - 180DEG
 g Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.000m [K=1.0063]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.16V I:0.0818A P:9.7948W PF:0.9961 Freq:59.98Hz Lamp Flux:752.214x1 lm		
NAME: ASD-LDLRK-GBR-4D1040-WH	TYPE: DOWNLIGHT	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG) g (DEG)	285	300	315	330	345															
0	355	355	355	355	355															
5	352	352	351	350	350															
10	344	342	341	340	339															
15	330	328	326	324	323															
20	311	309	306	304	302															
25	290	287	283	281	279															
30	266	263	259	258	255															
35	240	238	233	231	228															
40	213	210	205	203	200															
45	183	179	174	172	169															
50	149	145	140	137	134															
55	116	112	108	105	102															
60	84.9	83.5	80.4	78.1	75.8															
65	58.5	58.8	57.7	56.6	54.7															
70	37.3	38.3	38.5	38.5	37.3															
75	20.1	21.3	22.4	23.3	22.8															
80	7.59	8.45	9.64	11.0	11.2															
85	1.19	1.48	1.75	2.53	2.94															
90	0.11	0.12	0.15	0.15	0.15															
95	0.19	0.20	0.21	0.22	0.24															
100	0.30	0.31	0.33	0.34	0.35															
105	0.42	0.43	0.46	0.47	0.48															
110	0.56	0.58	0.61	0.62	0.64															
115	0.72	0.74	0.77	0.78	0.80															
120	0.89	0.92	0.93	0.95	0.98															
125	1.07	1.08	1.11	1.12	1.15															
130	1.24	1.26	1.28	1.30	1.33															
135	1.41	1.43	1.45	1.47	1.49															
140	1.57	1.59	1.60	1.61	1.65															
145	1.74	1.75	1.76	1.78	1.80															
150	1.89	1.90	1.92	1.92	1.95															
155	2.06	2.06	2.07	2.08	2.10															
160	2.21	2.20	2.22	2.23	2.25															
165	2.35	2.35	2.36	2.37	2.37															
170	2.48	2.49	2.47	2.47	2.48															
175	2.57	2.58	2.58	2.57	2.57															
180	2.63	2.64	2.65	2.64	2.64															

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:L
 Test Date:2020-10-08

g Range: 0 - 180DEG
 g Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.000m [K=1.0063]
 Remarks: