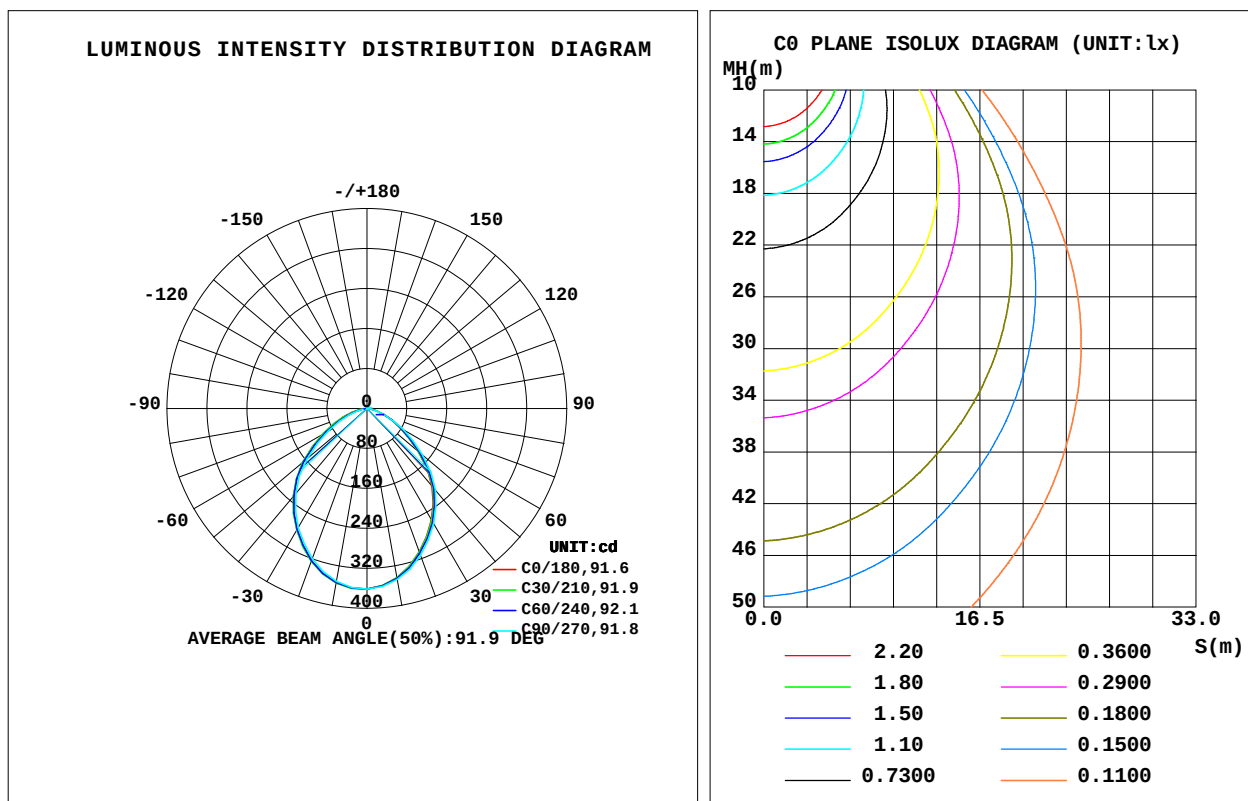


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.14V I:0.0818A P:9.7939W PF:0.9961 Freq:59.98Hz Lamp Flux:764.66lx1 lm		
NAME: ASD-LDLRK-GBR-4D1050-WH	TYPE: DOWNLIGHT	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 78.08 lm/W			
MODEL: ASD-LDLRK-GBR-4D1050-WH		I _{max} (cd)	361.3	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)	764.66	h UP, DN(C0-180)	0.5, 48.7
NOMINAL FLUX(lm)	764.661	CIE CLASS	DIRECT	h UP, DN(C180-360)	0.4, 50.4
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 G0-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0125]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

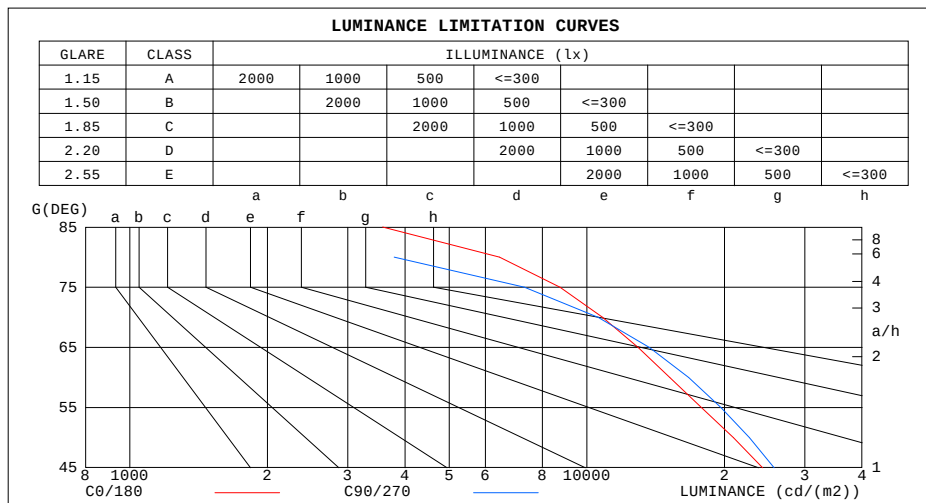
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum, lamp
10	343.8	344.7	347.6	351.7	354.2	354.0	351.3	346.4	0- 10	33.91	33.91	4.43,4.43
20	305.4	307.4	312.9	320.0	325.1	325.1	320.1	310.8	10- 20	94.23	128.1	16.8,16.8
30	258.1	261.9	266.8	276.3	280.8	280.1	275.2	263.1	20- 30	135.3	263.5	34.5,34.5
40	203.1	207.7	213.1	223.9	229.1	228.1	222.0	208.6	30- 40	152.8	416.3	54.4,54.4
50	134.2	136.5	145.8	161.0	167.9	167.1	157.0	141.8	40- 50	142.8	559.1	73.1,73.1
60	75.69	76.89	83.55	95.07	101.5	99.20	88.72	81.64	50- 60	105.9	665.0	87,87
70	36.87	36.82	36.19	45.88	50.51	46.14	38.47	39.12	60- 70	62.69	727.7	95.2,95.2
80	11.14	8.822	6.581	11.08	16.38	11.32	7.833	9.783	70- 80	26.14	753.8	98.6,98.6
90	0.1954	0.1755	0.1479	0.1480	0.1059	0.1109	0.1017	0.1435	80- 90	4.112	757.9	99.1,99.1
100	0.4275	0.3925	0.3599	0.3238	0.2762	0.2767	0.2820	0.3327	90-100	0.2496	758.2	99.2,99.2
110	0.7310	0.7063	0.6600	0.6105	0.5385	0.5305	0.5545	0.6192	100-110	0.4961	758.7	99.2,99.2
120	1.085	1.062	1.011	0.9480	0.8514	0.8534	0.8870	0.9521	110-120	0.7770	759.4	99.3,99.3
130	1.458	1.426	1.380	1.313	1.215	1.195	1.238	1.303	120-130	1.016	760.5	99.5,99.5
140	1.798	1.759	1.727	1.665	1.551	1.536	1.580	1.632	130-140	1.148	761.6	99.6,99.6
150	2.093	2.086	2.059	2.002	1.882	1.869	1.926	1.955	140-150	1.139	762.7	99.7,99.7
160	2.360	2.368	2.364	2.293	2.208	2.196	2.240	2.260	150-160	0.9851	763.7	99.9,99.9
170	2.571	2.557	2.554	2.552	2.507	2.506	2.522	2.519	160-170	0.6820	764.4	100,100
180	2.677	2.686	2.678	2.691	2.686	2.690	2.678	2.705	170-180	0.2484	764.7	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 G0-2000B_V1 SYSTEM V2.00.426
Humidity:65.0%
Test Distance:8.000m [K=1.0125]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.14V I:0.0818A P:9.7939W PF:0.9961 Freq:59.98Hz Lamp Flux:764.66lx1 lm		
NAME: ASD-LDLRK-GBR-4D1050-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	3575	665
80	6440	3789
75	8733	7303
70	10820	10579
65	12937	13698
60	15195	16708
55	17830	19668
50	20950	22685
45	24249	25705

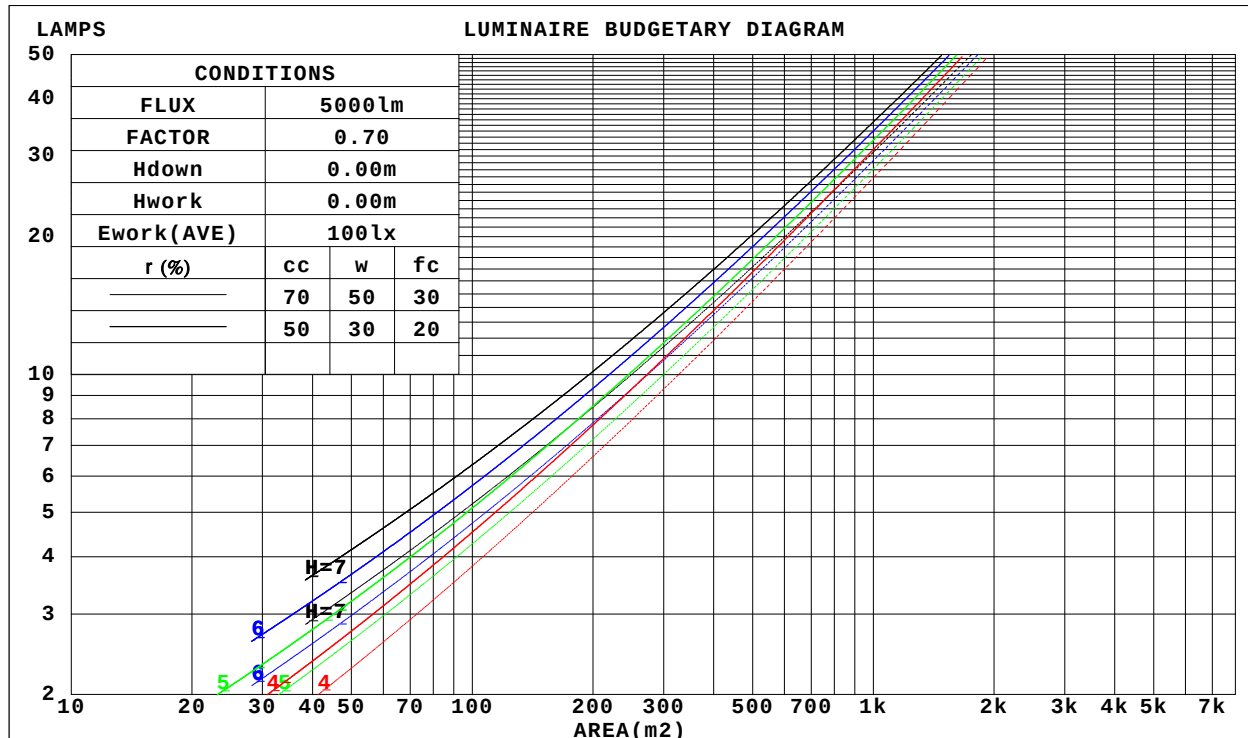
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: L
Test Date: 2020-10-08

g Range: 0 - 180DEG
g Interval: 5.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.00.426
Humidity: 65.0%
Test Distance: 8.000m [K=1.0125]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.14V I:0.0818A P:9.7939W PF:0.9961 Freq:59.98Hz Lamp Flux:764.66lx1 lm		
NAME: ASD-LDLRK-GBR-4D1050-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=1.0125]
Remarks:

WEC AND CCEC

Test:U:120.14V I:0.0818A P:9.7939W PF:0.9961 Freq:59.98Hz Lamp Flux:764.661x1 lm					
NAME: ASD-LDLRK-GBR-4D1050-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=1.0125]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.14V I:0.0818A P:9.7939W PF:0.9961 Freq:59.98Hz Lamp Flux:764.661x1 lm											
NAME: ASD-LDLRK-GBR-4D1050-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	2H	20.7	22.2	21.1	22.6	22.9	21.8	23.3	22.2	23.6	24.0
	3H	21.9	23.2	22.3	23.5	23.9	22.7	24.0	23.1	24.4	24.8
	4H	22.2	23.4	22.6	23.8	24.2	22.9	24.2	23.3	24.5	24.9
	6H	22.4	23.5	22.8	23.9	24.3	23.0	24.1	23.4	24.5	24.9
	8H	22.4	23.5	22.9	23.9	24.3	22.9	24.0	23.4	24.4	24.8
	12H	22.4	23.5	22.9	23.9	24.3	22.9	23.9	23.3	24.3	24.8
4H	2H	21.2	22.4	21.6	22.8	23.2	22.3	23.6	22.7	23.9	24.3
	3H	22.5	23.5	22.9	23.9	24.3	23.4	24.4	23.8	24.8	25.3
	4H	22.9	23.8	23.3	24.2	24.7	23.6	24.6	24.1	25.0	25.5
	6H	23.2	23.9	23.6	24.4	24.9	23.7	24.5	24.2	25.0	25.5
	8H	23.2	23.9	23.7	24.4	24.9	23.7	24.4	24.2	24.9	25.4
	12H	23.2	23.9	23.7	24.4	24.8	23.7	24.3	24.2	24.8	25.3
8H	4H	23.0	23.7	23.5	24.2	24.7	23.8	24.5	24.3	25.0	25.5
	6H	23.3	23.9	23.8	24.4	24.9	23.9	24.5	24.4	25.0	25.5
	8H	23.3	23.9	23.9	24.4	24.9	23.9	24.4	24.4	24.9	25.4
	12H	23.4	23.9	23.9	24.4	25.0	23.8	24.3	24.4	24.8	25.4
12H	4H	23.0	23.6	23.5	24.1	24.6	23.8	24.5	24.3	24.9	25.4
	6H	23.3	23.8	23.8	24.3	24.9	23.9	24.4	24.4	24.9	25.5
	8H	23.3	23.8	23.9	24.3	24.9	23.9	24.4	24.4	24.9	25.5
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=1.0125]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.14V I:0.0818A P:9.7939W PF:0.9961 Freq:59.98Hz Lamp Flux:764.66lx1 lm		
NAME: ASD-LDLRK-GBR-4D1050-WH	TYPE: DOWNLIGHT	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

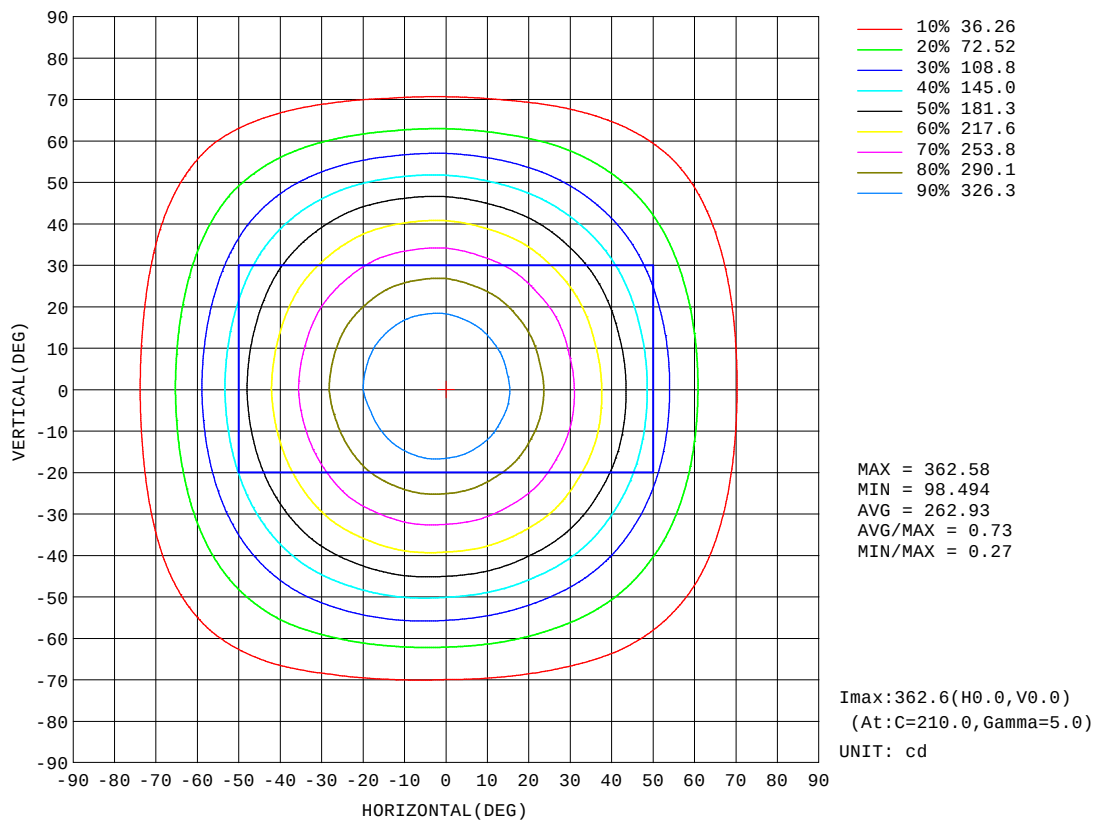
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	63	52	46	62	52	46	61	52	46	40
0.80	73	63	56	72	62	56	70	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=1.0125]
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.14V I:0.0818A P:9.7939W PF:0.9961 Freq:59.98Hz Lamp Flux:764.66lx1 lm		
NAME: ASD-LDLRK-GBR-4D1050-WH	TYPE: DOWNLIGHT	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



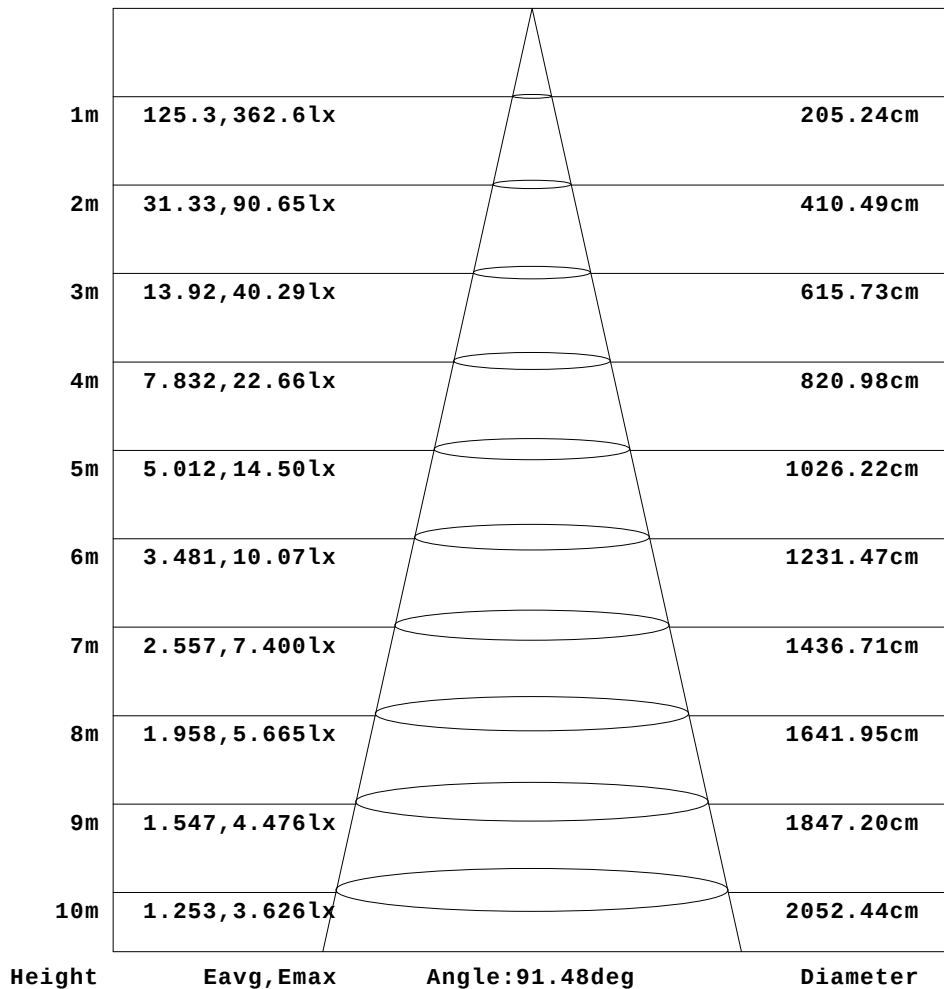
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: L
Test Date: 2020-10-08

g Range: 0 - 180DEG
g Interval: 5.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.00.426
Humidity: 65.0%
Test Distance: 8.000m [K=1.0125]
Remarks:

AAI Figure

Test:U:120.14V I:0.0818A P:9.7939W PF:0.9961 Freq:59.98Hz Lamp Flux:764.66lx1 lm		
NAME: ASD-LDLRK-GBR-4D1050-WH	TYPE: DOWNLIGHT	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

Flux out:559.1 lm



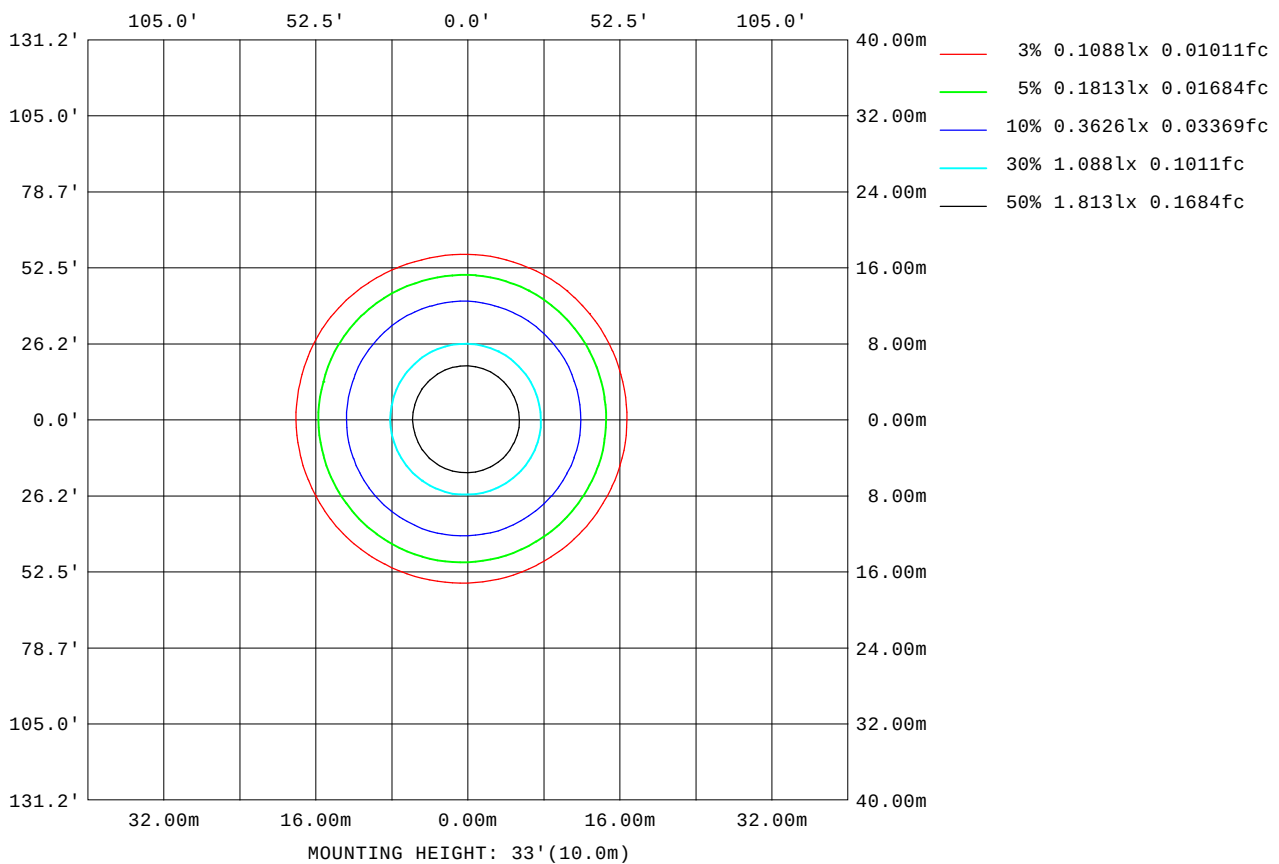
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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=1.0125]
Remarks:

ISOLUX DIAGRAM

Test:U:120.14V I:0.0818A P:9.7939W PF:0.9961 Freq:59.98Hz Lamp Flux:764.66lx 1m		
NAME: ASD-LDLRK-GBR-4D1050-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 G0-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0125]
 Remarks:

LED Avg.L Report

Test:U:120.14V I:0.0818A P:9.7939W PF:0.9961 Freq:59.98Hz Lamp Flux:764.66lx1 lm		
NAME: ASD-LDLRK-GBR-4D1050-WH	TYPE: DOWNLIGHT	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

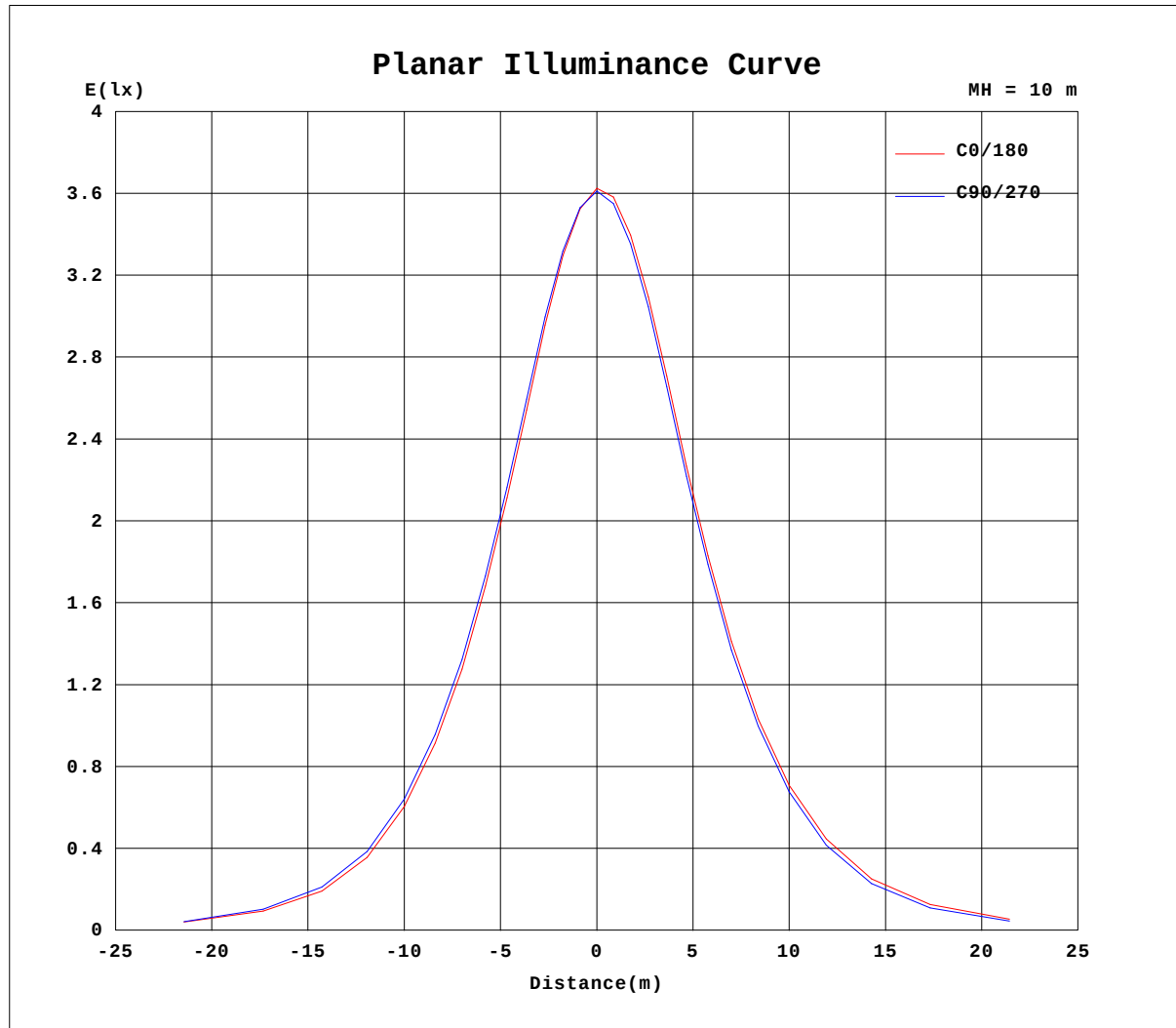
AvgL	cd/m2
L_0~180(65)av	15156
L_0~180(75)av	10453
L_0~180(85)av	4857
L_90~270(65)av	14047
L_90~270(75)av	7646
L_90~270(85)av	1045
L_45(65)av	14966
L_45(75)av	9337
L_45(85)av	2249

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 G0-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.000m [K=1.0125]
 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 G0-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0125]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.14V I:0.0818A P:9.7939W PF:0.9961 Freq:59.98Hz Lamp Flux:764.66lx1 lm		
NAME: ASD-LDLRK-GBR-4D1050-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	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361	361
5	355	355	356	356	356	357	357	358	359	359	360	361	361	361	361	361	360	360	359
10	344	344	344	345	345	347	348	349	350	352	352	353	354	354	355	354	354	352	351
15	327	327	327	329	330	331	333	335	336	338	339	341	342	342	343	342	342	340	338
20	305	306	306	307	309	311	313	316	318	320	321	323	325	325	326	325	324	322	320
25	283	283	284	285	286	289	291	294	296	299	300	302	304	304	305	304	303	300	298
30	258	260	260	262	262	265	267	270	273	276	277	279	281	280	282	280	280	277	275
35	232	234	234	236	236	239	241	245	247	251	252	255	256	255	257	255	255	252	249
40	203	205	205	208	209	212	213	218	220	224	225	228	229	229	230	228	228	225	222
45	171	172	172	174	175	179	182	187	190	194	196	199	200	199	201	199	199	195	192
50	134	135	134	136	138	143	146	152	156	161	163	166	168	168	169	167	166	161	157
55	102	102	102	103	105	109	113	118	121	126	129	131	133	133	134	132	129	124	122
60	75.7	75.6	75.4	76.9	78.4	81.4	83.6	86.9	90.7	95.1	97.4	100	101	102	102	99.2	94.7	90.2	88.7
65	54.5	54.3	54.2	55.3	55.9	56.9	57.9	60.4	63.8	68.9	71.2	72.7	73.6	73.6	73.6	70.2	65.9	62.1	60.8
70	36.9	36.7	36.5	36.8	36.1	36.0	36.2	38.2	41.1	45.9	48.6	49.9	50.5	50.5	49.8	46.1	42.4	39.3	38.5
75	22.5	22.3	21.8	21.1	19.7	19.1	18.9	20.2	22.4	26.4	29.4	31.1	31.6	31.3	30.2	26.5	23.5	21.1	20.7
80	11.1	10.8	9.97	8.82	7.34	6.78	6.58	7.16	8.31	11.1	13.9	15.8	16.4	15.9	14.4	11.3	9.28	8.05	7.83
85	3.10	2.74	1.96	1.44	0.93	0.68	0.58	0.78	1.22	2.10	3.36	4.84	5.36	4.99	3.82	2.53	1.90	1.34	1.24
90	0.20	0.20	0.20	0.18	0.17	0.15	0.15	0.14	0.14	0.15	0.15	0.13	0.11	0.12	0.11	0.11	0.10	0.10	0.10
95	0.30	0.29	0.30	0.27	0.26	0.25	0.24	0.24	0.23	0.22	0.22	0.22	0.17	0.17	0.17	0.17	0.17	0.18	0.18
100	0.43	0.42	0.42	0.39	0.39	0.37	0.36	0.35	0.34	0.32	0.33	0.32	0.28	0.27	0.27	0.28	0.26	0.28	0.28
105	0.57	0.56	0.56	0.54	0.53	0.51	0.50	0.48	0.48	0.45	0.45	0.44	0.40	0.39	0.38	0.39	0.38	0.39	0.41
110	0.73	0.74	0.72	0.71	0.70	0.67	0.66	0.64	0.63	0.61	0.60	0.59	0.54	0.53	0.52	0.53	0.52	0.54	0.55
115	0.91	0.91	0.90	0.88	0.87	0.85	0.84	0.81	0.79	0.77	0.77	0.76	0.69	0.69	0.67	0.68	0.68	0.70	0.72
120	1.09	1.09	1.08	1.06	1.05	1.03	1.01	0.98	0.97	0.95	0.94	0.93	0.85	0.85	0.84	0.85	0.86	0.87	0.89
125	1.27	1.27	1.26	1.25	1.23	1.21	1.19	1.16	1.15	1.12	1.13	1.12	1.03	1.02	1.02	1.02	1.03	1.05	1.07
130	1.46	1.45	1.45	1.43	1.41	1.39	1.38	1.35	1.33	1.31	1.31	1.29	1.21	1.19	1.19	1.19	1.20	1.22	1.24
135	1.62	1.61	1.61	1.59	1.59	1.57	1.55	1.53	1.51	1.50	1.49	1.48	1.39	1.37	1.37	1.38	1.38	1.40	1.41
140	1.80	1.77	1.78	1.76	1.75	1.75	1.73	1.70	1.69	1.66	1.66	1.64	1.55	1.54	1.55	1.54	1.56	1.57	1.58
145	1.94	1.93	1.94	1.92	1.92	1.90	1.90	1.87	1.85	1.84	1.83	1.81	1.71	1.70	1.70	1.71	1.71	1.75	1.76
150	2.09	2.08	2.08	2.09	2.08	2.07	2.06	2.04	2.02	2.00	1.99	1.97	1.88	1.87	1.86	1.87	1.88	1.91	1.93
155	2.23	2.23	2.22	2.25	2.24	2.23	2.23	2.20	2.17	2.15	2.14	2.13	2.05	2.04	2.02	2.03	2.04	2.07	2.09
160	2.36	2.36	2.35	2.37	2.35	2.36	2.36	2.33	2.31	2.29	2.28	2.29	2.21	2.21	2.20	2.20	2.21	2.23	2.24
165	2.48	2.48	2.47	2.46	2.48	2.48	2.48	2.46	2.44	2.42	2.42	2.44	2.37	2.36	2.36	2.36	2.36	2.38	2.39
170	2.57	2.57	2.57	2.56	2.57	2.56	2.55	2.54	2.55	2.55	2.56	2.55	2.51	2.52	2.51	2.51	2.50	2.51	2.52
175	2.64	2.64	2.65	2.65	2.65	2.63	2.63	2.62	2.65	2.66	2.65	2.64	2.62	2.62	2.63	2.62	2.60	2.61	2.61
180	2.68	2.68	2.69	2.69	2.68	2.67	2.68	2.68	2.68	2.69	2.68	2.68	2.69	2.67	2.69	2.69	2.68	2.67	2.68

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 G0-2000B_V1 SYSTEM V2.00.426
Humidity:65.0%
Test Distance:8.000m [K=1.0125]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.14V I:0.0818A P:9.7939W PF:0.9961 Freq:59.98Hz Lamp Flux:764.66lx1 lm		
NAME: ASD-LDLRK-GBR-4D1050-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	361	361	361	361	361													
5	358	358	357	356	356													
10	349	348	346	345	344													
15	336	334	331	330	328													
20	317	314	311	309	307													
25	294	292	288	286	284													
30	270	268	263	262	259													
35	244	241	237	235	232													
40	217	214	209	206	204													
45	186	182	177	174	172													
50	151	147	142	139	136													
55	118	114	109	106	104													
60	86.2	84.8	81.6	79.3	77.0													
65	59.5	59.7	58.6	57.4	55.6													
70	37.8	38.8	39.1	39.1	37.9													
75	20.4	21.6	22.7	23.7	23.2													
80	7.70	8.56	9.78	11.2	11.4													
85	1.19	1.49	1.77	2.56	2.98													
90	0.11	0.12	0.14	0.15	0.16													
95	0.19	0.20	0.21	0.23	0.24													
100	0.30	0.31	0.33	0.35	0.36													
105	0.43	0.44	0.46	0.49	0.49													
110	0.58	0.59	0.62	0.63	0.65													
115	0.74	0.75	0.78	0.80	0.82													
120	0.91	0.92	0.95	0.97	1.00													
125	1.09	1.10	1.13	1.15	1.16													
130	1.26	1.28	1.30	1.32	1.34													
135	1.44	1.46	1.48	1.49	1.51													
140	1.60	1.62	1.63	1.64	1.67													
145	1.77	1.78	1.79	1.80	1.82													
150	1.93	1.94	1.96	1.96	1.99													
155	2.10	2.10	2.11	2.12	2.13													
160	2.26	2.25	2.26	2.27	2.28													
165	2.40	2.40	2.40	2.40	2.42													
170	2.52	2.54	2.52	2.52	2.53													
175	2.62	2.62	2.63	2.62	2.62													
180	2.67	2.68	2.70	2.69	2.68													

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 G0-2000B_V1 SYSTEM V2.00.426
Humidity:65.0%
Test Distance:8.000m [K=1.0125]
Remarks: