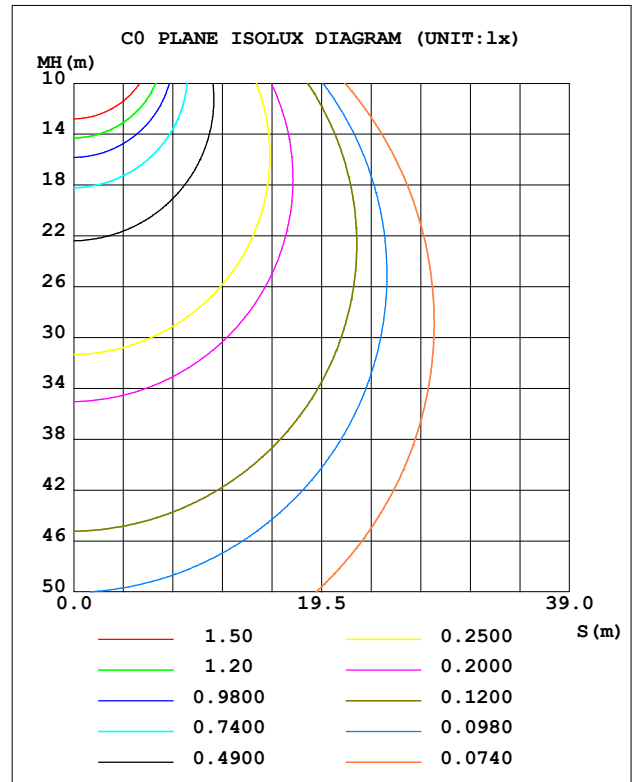
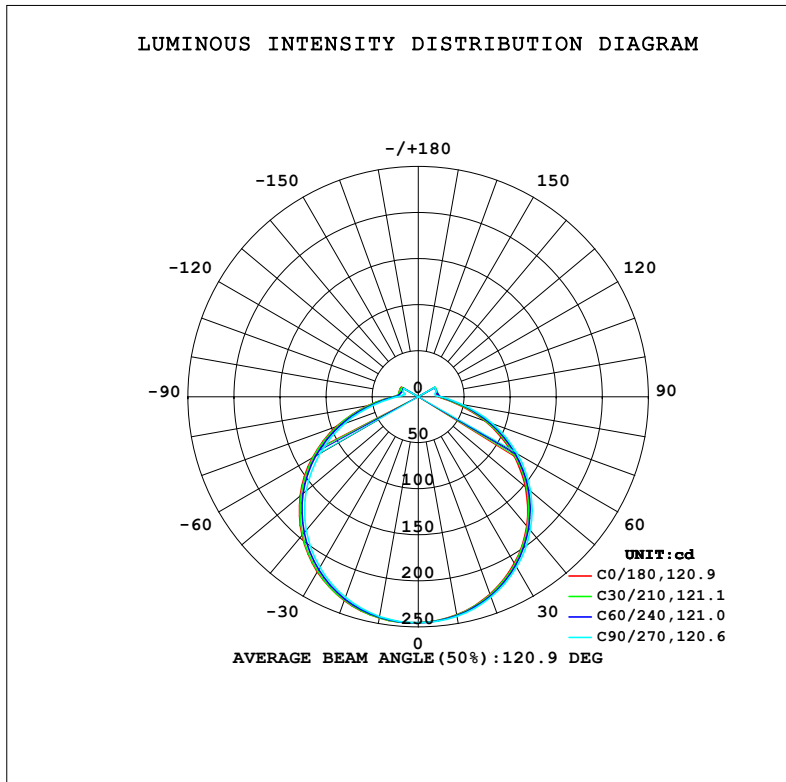


LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: 95NEOS18LED	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 380 x 55	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: cilinder	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	95NEOS18LED	Imax(cd)	245.7	S/MH(C0/180)	1.33
NOMINAL POWER(W)	18	LOR(%)	39.8	S/MH(C90/270)	1.29
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	860.09	η UP,DN(C0-180)	1.6,18.3
NOMINAL FLUX(lm)	2160	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.5,18.5
LAMPS INSIDE	1	η up (%)	3.1	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	230	η down (%)	36.8	CIBSE SHR MAX	1.50



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:
Test Date:04 January 2023

γ Range: 0 - 120DEG
 γ Interval: 2.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:6.340m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	240.4	241.0	242.1	243.1	244.0	243.5	242.3	241.1	0- 10	23.27	23.27	2.71,1.08
20	228.1	229.3	231.5	233.5	235.4	234.3	231.7	229.4	10- 20	67.16	90.44	10.5,4.19
30	208.8	210.6	213.6	216.6	219.4	217.8	213.8	210.6	20- 30	103.1	193.6	22.5,8.96
40	183.2	185.4	189.2	192.8	196.5	194.3	189.2	185.5	30- 40	126.7	320.3	37.2,14.8
50	151.8	154.9	159.3	163.1	167.3	164.8	158.7	154.6	40- 50	135.1	455.4	52.9,21.1
60	115.8	119.5	124.4	128.2	133.1	130.2	123.4	118.9	50- 60	127.2	582.6	67.7,27
70	77.15	81.04	85.99	89.48	94.32	91.37	84.85	80.21	60- 70	104.0	686.6	79.8,31.8
80	40.78	44.16	48.22	50.97	55.00	52.44	46.90	43.21	70- 80	69.89	756.4	87.9,35
90	22.50	24.26	24.77	25.92	27.58	26.41	23.37	22.76	80- 90	37.57	794.0	92.3,36.8
100	20.75	21.81	18.75	21.03	21.50	21.29	14.67	19.64	90-100	23.25	817.3	95,37.8
110	21.01	21.16	20.55	20.20	21.56	20.34	17.89	17.67	100-110	20.85	838.1	97.4,38.8
120	20.79	21.03	20.92	20.25	21.25	19.88	18.31	17.11	110-120	19.64	857.8	99.7,39.7
130	0	0	0	0	0	0	0	0	120-130	2.325	860.1	100,39.8
140	0	0	0	0	0	0	0	0	130-140	0	860.1	100,39.8
150	0	0	0	0	0	0	0	0	140-150	0	860.1	100,39.8
160	0	0	0	0	0	0	0	0	150-160	0	860.1	100,39.8
170	0	0	0	0	0	0	0	0	160-170	0	860.1	100,39.8
180	0	0	0	0	0	0	0	0	170-180	0	860.1	100,39.8
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 387.78 lm

%lum = 45.1%

%lamp = 18.0%

Conical surface Flux(130deg): 638.3 lm

%lum = 74.2%

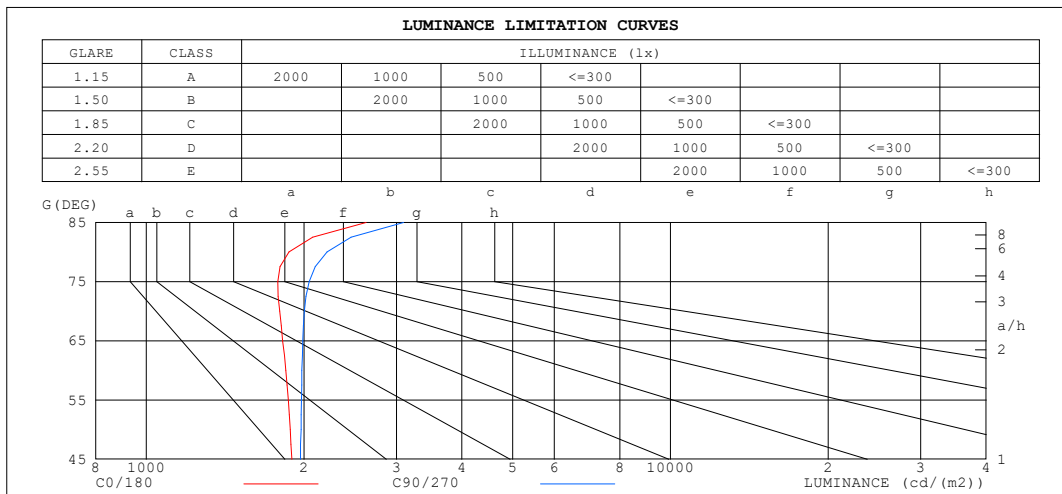
%lamp = 29.6%

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:
Test Date:04 January 2023

γ Range: 0 - 120DEG
 γ Interval: 2.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:6.340m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

NAME: 95NEOS18LED	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 380 x 55	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: cilinder	Shielding Angle:



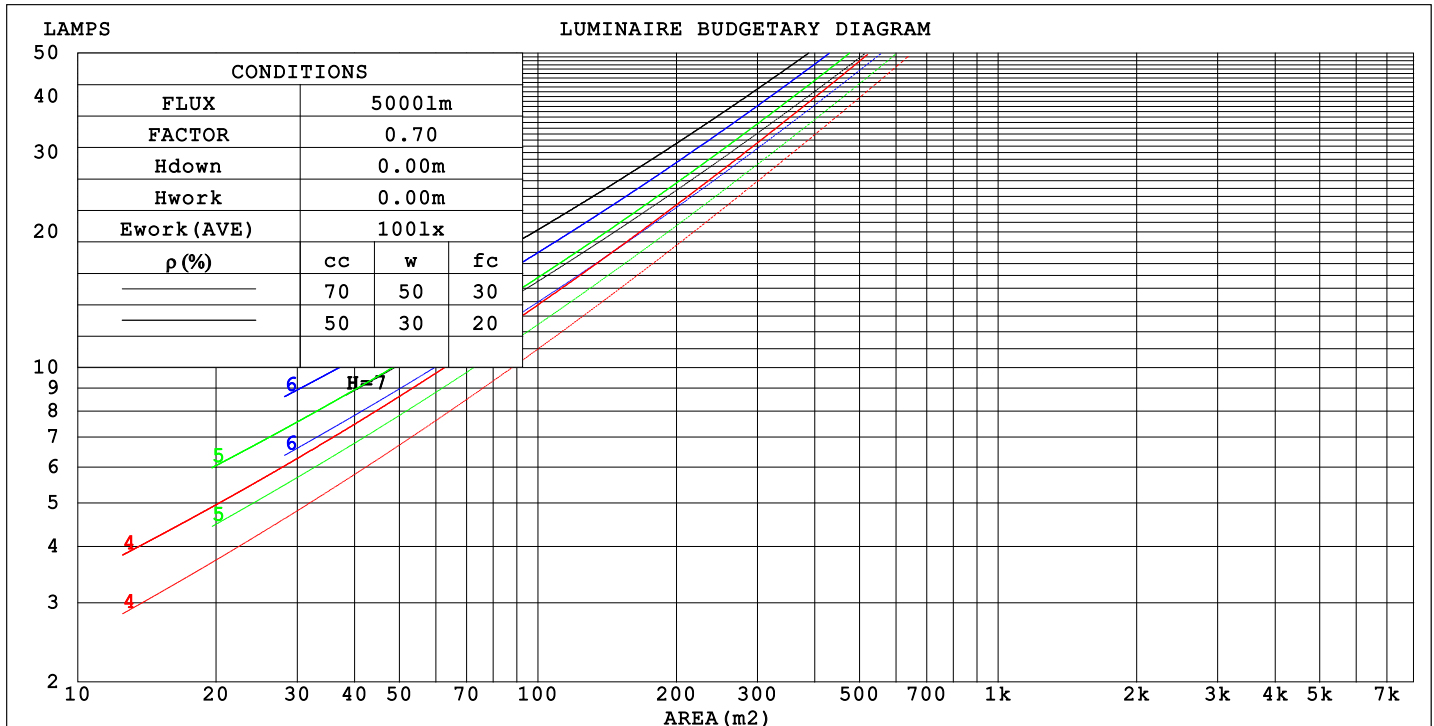
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators:
Test Date: 04 January 2023

γ Range: 0 - 120DEG
γ Interval: 2.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 6.340m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: 95NEOS18LED	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 380 x 55	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: cilinder	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:
Test Date:04 January 2023

γ Range: 0 - 120DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:6.340m [K=1.0000]
Remarks:

WEC AND CCEC

NAME: 95NEOS18LED	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 380 x 55	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: cilinder	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.137	.078	.025	.133	.076	.024	.126	.072	.023	.120	.069	.022	.114	.066	.021	
2.0	.124	.068	.021	.121	.066	.020	.114	.064	.020	.108	.061	.019	.103	.058	.018	
3.0	.113	.060	.018	.110	.059	.018	.104	.056	.017	.099	.054	.017	.094	.052	.016	
4.0	.103	.053	.016	.100	.052	.015	.095	.050	.015	.090	.048	.015	.086	.047	.014	
5.0	.094	.048	.014	.092	.047	.014	.087	.045	.013	.083	.044	.013	.079	.042	.013	
6.0	.087	.044	.012	.085	.043	.012	.081	.041	.012	.077	.040	.012	.073	.038	.011	
7.0	.080	.040	.011	.079	.039	.011	.075	.038	.011	.071	.037	.011	.068	.035	.010	
8.0	.075	.037	.010	.073	.036	.010	.070	.035	.010	.067	.034	.010	.063	.033	.009	
9.0	.070	.034	.009	.068	.033	.009	.065	.032	.009	.062	.031	.009	.060	.030	.009	
10.0	.066	.032	.009	.064	.031	.009	.061	.030	.008	.059	.029	.008	.056	.028	.008	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.099	.099	.099	.085	.085	.085	.058	.058	.058	.033	.033	.033	.011	.011	.011	
1.0	.096	.086	.076	.082	.073	.065	.056	.051	.045	.032	.029	.026	.010	.009	.008	
2.0	.093	.076	.062	.080	.066	.053	.055	.045	.037	.032	.026	.022	.010	.009	.007	
3.0	.090	.069	.053	.077	.060	.046	.053	.042	.032	.031	.024	.019	.010	.008	.006	
4.0	.087	.064	.047	.075	.055	.040	.051	.039	.029	.030	.023	.017	.010	.007	.006	
5.0	.084	.060	.042	.072	.052	.037	.050	.036	.026	.029	.021	.015	.009	.007	.005	
6.0	.081	.057	.039	.070	.049	.034	.048	.034	.024	.028	.020	.014	.009	.007	.005	
7.0	.079	.054	.037	.068	.047	.032	.047	.033	.023	.027	.019	.014	.009	.006	.005	
8.0	.076	.052	.035	.065	.045	.031	.045	.032	.022	.026	.019	.013	.009	.006	.004	
9.0	.073	.050	.034	.063	.043	.030	.044	.030	.021	.026	.018	.013	.008	.006	.004	
10.0	.071	.048	.033	.061	.042	.029	.043	.030	.021	.025	.017	.012	.008	.006	.004	

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:
Test Date:04 January 2023

γ Range: 0 - 120DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:6.340m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

NAME: 95NEOS18LED					TYPE:			WEIGHT: 1			
SPEC.:					DIM.: 380 x 55			SERIAL No.: 0			
MFR.: Elmark Industries JSC					SUR.: cilinder			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	11.8	13.3	12.2	13.6	14.0	12.0	13.5	12.4	13.9	14.2
	3H	13.5	14.8	13.9	15.2	15.6	13.9	15.2	14.3	15.6	16.0
	4H	14.2	15.5	14.6	15.9	16.3	14.7	16.0	15.1	16.3	16.8
	6H	14.8	16.0	15.3	16.4	16.9	15.4	16.6	15.9	17.0	17.5
	8H	15.1	16.3	15.6	16.7	17.1	15.7	16.9	16.2	17.3	17.8
	12H	15.4	16.5	15.9	17.0	17.4	16.1	17.2	16.6	17.7	18.1
4H	2H	12.5	13.7	12.9	14.1	14.6	12.7	13.9	13.1	14.3	14.8
	3H	14.3	15.4	14.8	15.9	16.4	14.6	15.8	15.1	16.2	16.7
	4H	15.2	16.2	15.7	16.7	17.2	15.6	16.6	16.1	17.1	17.6
	6H	16.0	16.9	16.5	17.4	17.9	16.5	17.4	17.0	17.9	18.4
	8H	16.3	17.2	16.9	17.7	18.2	16.9	17.8	17.5	18.3	18.9
	12H	16.7	17.5	17.3	18.0	18.6	17.4	18.2	18.0	18.7	19.3
8H	4H	15.5	16.4	16.1	16.9	17.5	15.9	16.8	16.4	17.3	17.8
	6H	16.5	17.2	17.1	17.8	18.4	17.0	17.7	17.6	18.3	18.9
	8H	17.0	17.7	17.6	18.2	18.8	17.6	18.2	18.2	18.8	19.4
	12H	17.6	18.2	18.2	18.7	19.4	18.3	18.8	18.8	19.4	20.0
12H	4H	15.6	16.4	16.1	16.9	17.5	15.9	16.7	16.5	17.3	17.8
	6H	16.7	17.3	17.2	17.9	18.5	17.1	17.8	17.7	18.3	18.9
	8H	17.2	17.8	17.8	18.4	19.0	17.8	18.3	18.4	18.9	19.5
Variations with the observer position at spacings(CIE Pub.117):											
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					+ 0.1 / - 0.3				

CIE Pub.117, 2160 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.7)
Area: 0.1256 m2

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:
Test Date:04 January 2023

γ Range: 0 - 120DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:6.340m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

NAME: 95NEOS18LED	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 380 x 55	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: cilinder	Shielding Angle:

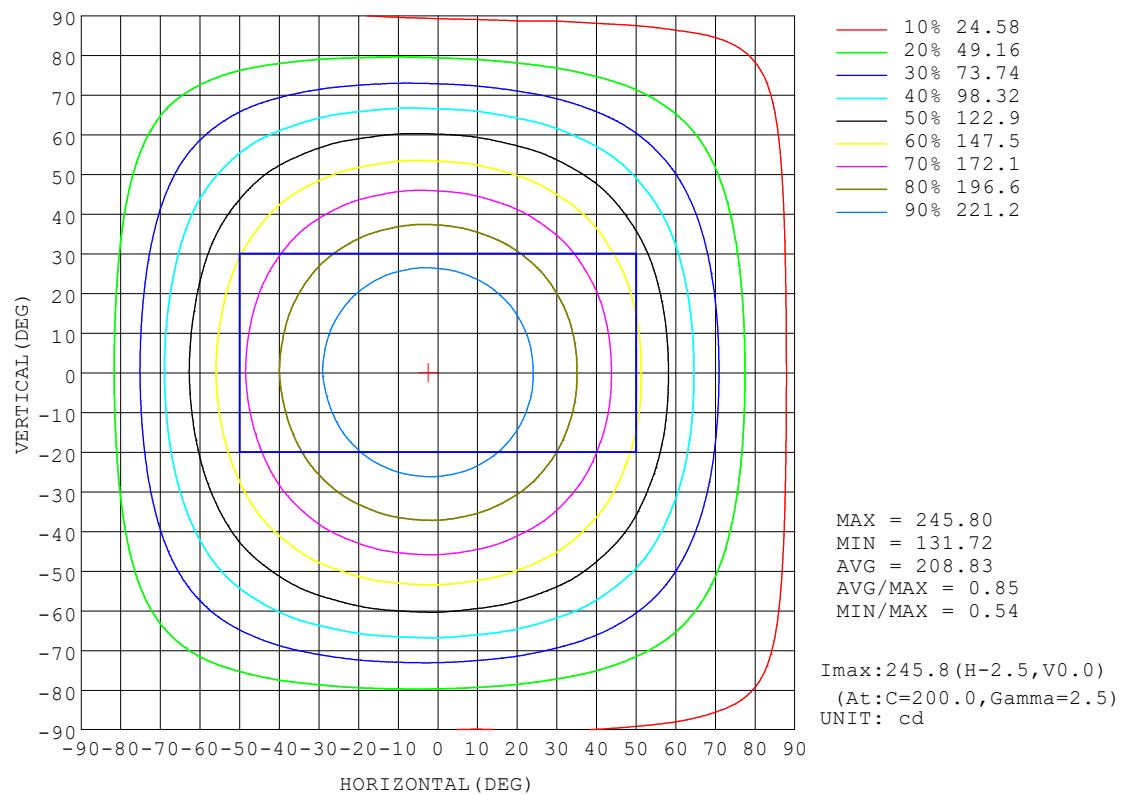
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	21	16	13	21	16	13	20	16	13	11
0.80	25	20	17	24	20	17	24	19	17	14
1.00	28	23	20	28	23	20	26	24	20	17
1.25	31	26	23	30	26	23	29	25	23	19
1.50	33	29	26	32	28	25	31	27	25	21
2.00	36	32	29	35	31	29	33	30	28	24
2.50	38	34	31	36	33	31	35	32	30	26
3.00	39	36	33	38	35	33	36	33	31	27
4.00	41	38	36	39	37	35	37	35	34	29
5.00	42	39	37	40	38	37	38	37	35	30
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:
Test Date:04 January 2023

γ Range: 0 - 120DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:6.340m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

NAME: 95NEOS18LED	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 380 x 55	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: cilinder	Shielding Angle:

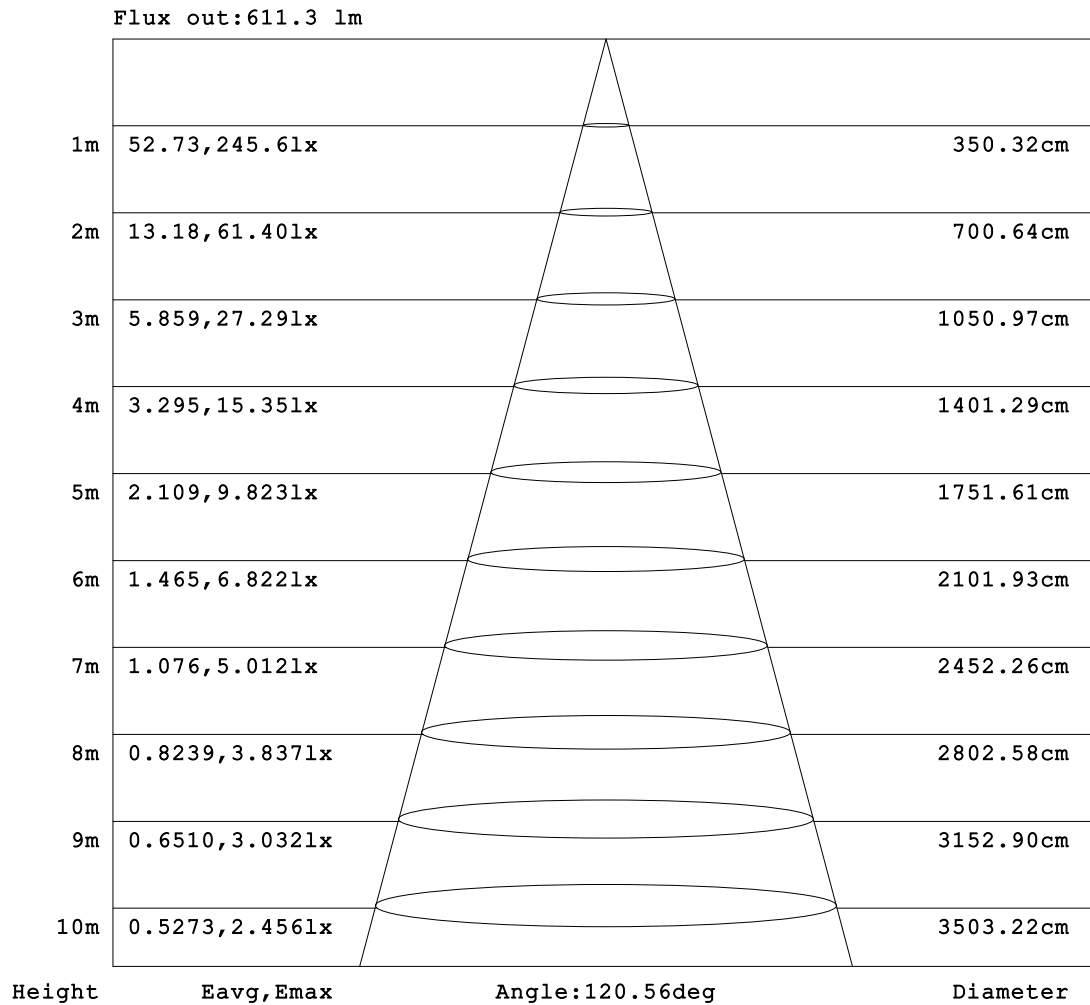


C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:04 January 2023

γ Range: 0 - 120DEG
 γ Interval: 2.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
 Humidity:65.0%
 Test Distance:6.340m [K=1.0000]
 Remarks:

AAI Figure

NAME: 95NEOS18LED	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 380 x 55	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: cilinder	Shielding Angle:



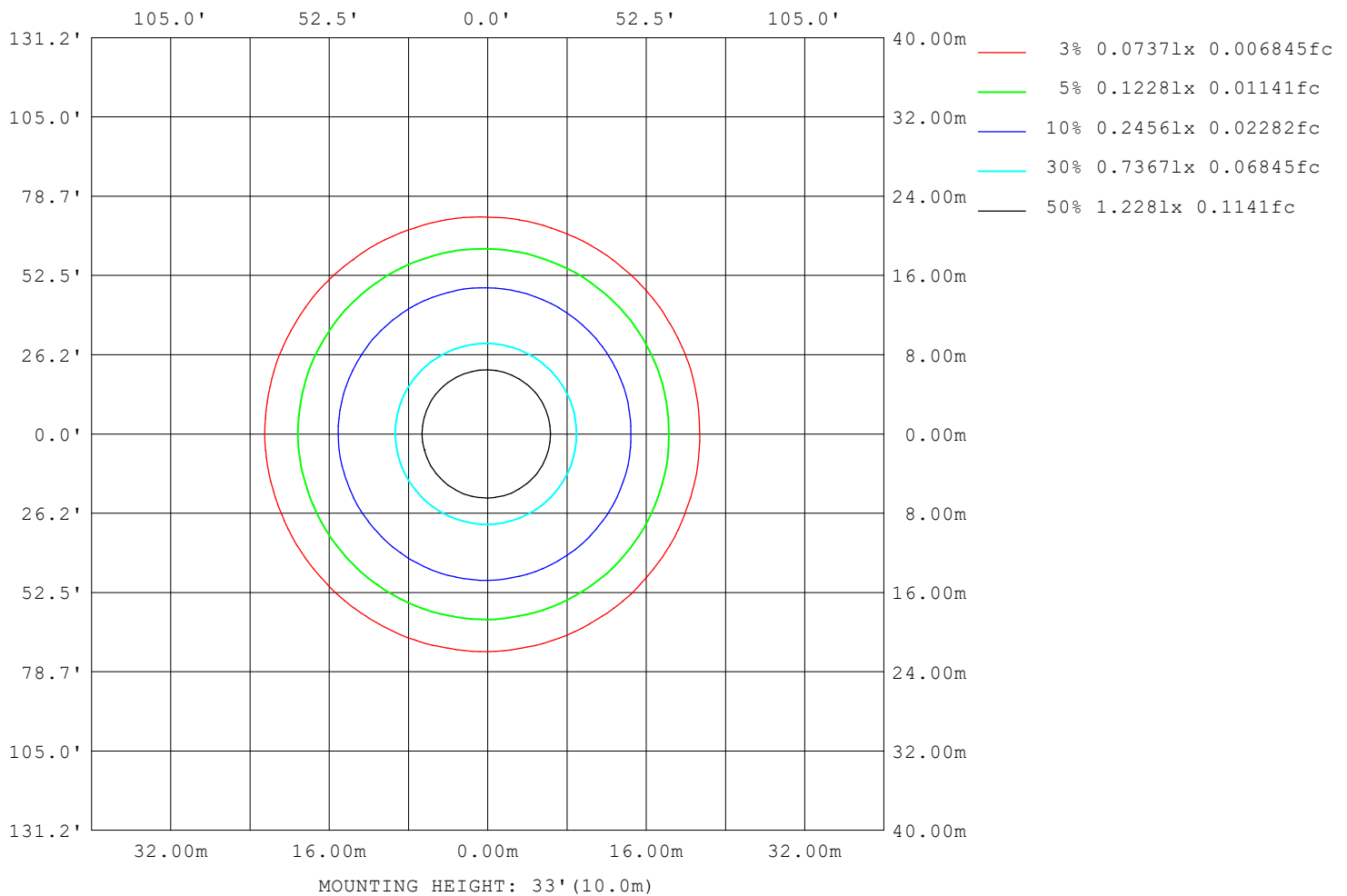
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators:
 Test Date: 04 January 2023

γ Range: 0 - 120DEG
 γ Interval: 2.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.456
 Humidity: 65.0%
 Test Distance: 6.340m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

NAME: 95NEOS18LED	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 380 x 55	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: cilinder	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators:
Test Date: 04 January 2023

γ Range: 0 - 120DEG
γ Interval: 2.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 6.340m [K=1.0000]
Remarks:

LED Avg.L Report

NAME: 95NEOS18LED	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 380 x 55	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: cilinder	Shielding Angle:

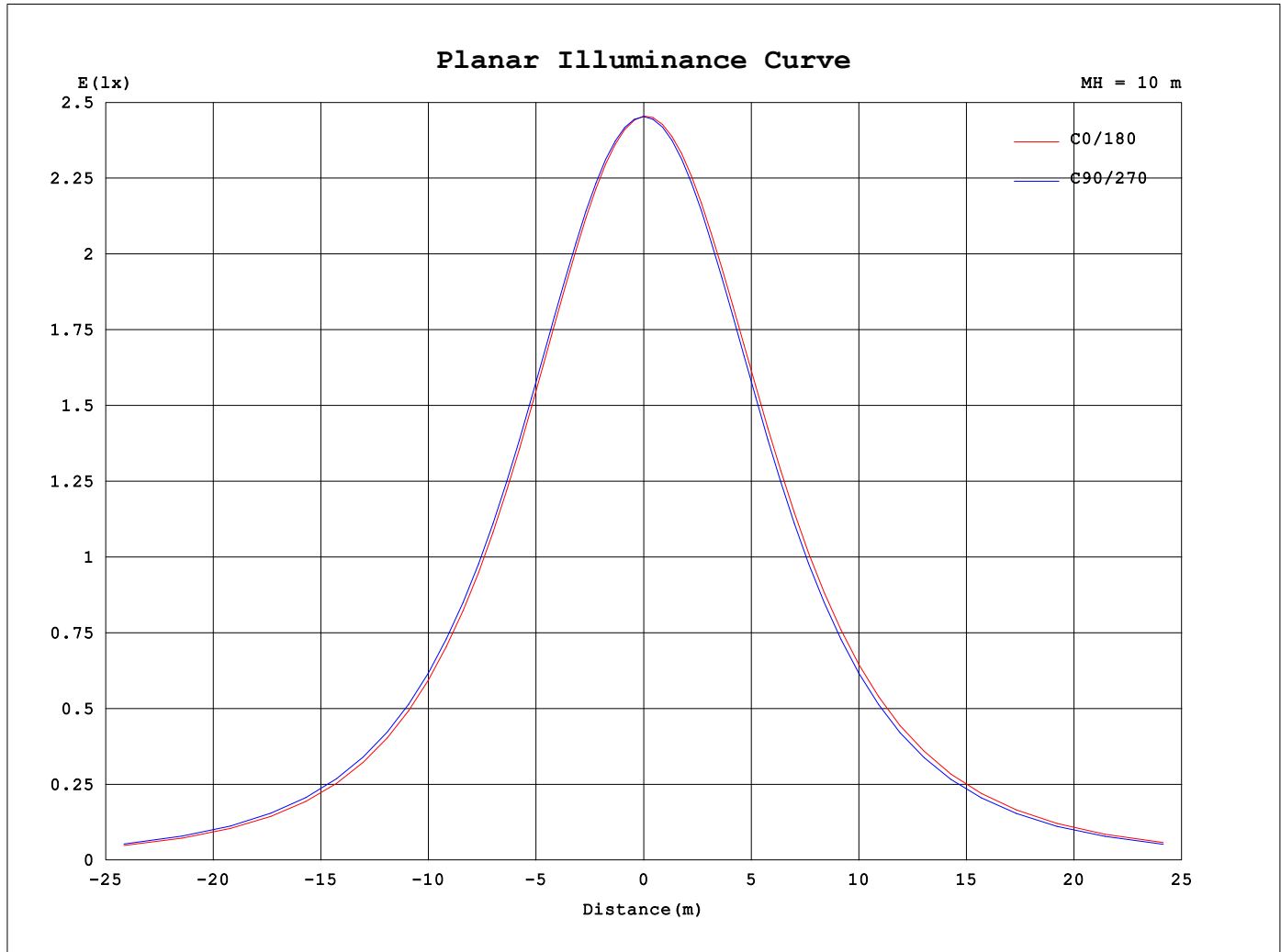
AvgL	cd/m2
L_0~180 (65) av	1984
L_0~180 (75) av	2033
L_0~180 (85) av	3074
L_90~270 (65) av	1976
L_90~270 (75) av	2025
L_90~270 (85) av	3030
L_45 (65) av	1980
L_45 (75) av	2029
L_45 (85) av	3049

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:
Test Date:04 January 2023

γ Range: 0 - 120DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:6.340m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators:
Test Date: 04 January 2023

γ Range: 0 - 120DEG
 γ Interval: 2.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 6.340m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: 95NEOS18LED	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 380 x 55	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: cilinder	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	245	245	245	245	245	245	245	245	245	245	245	245	245	245	245	245	245	245	245
5	244	244	244	244	244	244	244	244	245	245	245	245	245	245	245	245	245	245	245
10	240	240	241	241	241	241	241	242	242	242	242	243	243	243	243	243	244	244	244
15	235	235	235	236	236	236	237	237	237	238	238	238	239	239	239	240	240	240	241
20	228	228	228	229	229	230	230	230	231	231	232	232	233	233	234	234	235	235	235
25	219	220	220	220	220	221	221	222	223	223	224	225	225	226	226	227	227	228	228
30	209	209	209	210	210	211	211	212	213	214	214	215	216	216	217	218	218	219	219
35	197	197	197	198	198	199	200	201	201	202	203	204	204	205	206	207	207	208	209
40	183	184	184	184	185	186	187	188	188	189	190	191	191	192	193	194	195	196	196
45	168	169	169	170	170	171	172	173	174	175	175	177	177	178	179	180	181	182	183
50	152	153	153	154	154	156	156	157	158	159	160	161	162	163	163	165	165	166	167
55	134	135	135	137	137	139	139	141	141	142	143	144	145	146	146	148	148	150	151
60	116	117	117	118	119	120	121	122	123	124	125	126	127	128	128	130	130	132	133
65	96.5	97.4	97.6	99.1	99.6	101	102	104	104	106	106	107	108	109	109	111	111	113	114
70	77.1	77.7	78.2	79.4	80.3	81.7	82.7	84.1	84.9	86.0	86.6	87.6	88.0	89.2	89.8	91.1	91.6	93.0	94.3
75	57.9	58.5	58.9	60.1	61.0	62.4	63.3	64.7	65.5	66.4	67.0	67.9	68.4	69.4	70.1	71.2	72.0	73.0	74.3
80	40.8	41.2	41.7	42.7	43.5	44.8	45.7	46.8	47.5	48.2	48.8	49.4	49.9	50.7	51.3	52.3	53.0	53.9	55.0
85	28.7	29.1	29.4	30.1	30.8	31.7	32.3	33.1	33.4	33.9	34.2	34.6	34.8	35.4	35.8	36.5	37.0	37.7	38.6
90	22.5	22.8	23.1	23.6	24.0	24.5	24.9	24.9	24.4	24.8	24.6	24.9	25.7	25.8	26.0	26.4	26.7	27.1	27.6
95	20.8	21.0	21.3	21.6	22.0	22.3	22.4	21.3	17.6	19.1	15.9	19.6	21.9	21.9	21.9	22.0	22.1	22.2	22.4
100	20.8	21.0	21.3	21.6	21.8	21.8	21.1	19.6	18.5	18.8	17.9	17.7	19.9	20.9	21.2	21.3	21.4	21.4	21.5
105	20.9	21.2	21.4	21.5	21.6	21.2	20.5	19.8	19.6	19.9	18.9	18.5	19.1	20.1	20.8	21.1	21.4	21.5	21.5
110	21.0	21.2	21.4	21.4	21.3	21.0	20.4	20.2	20.2	20.6	19.8	19.3	19.3	19.9	20.5	21.0	21.3	21.5	21.6
115	21.0	21.1	21.2	21.3	21.2	20.9	20.6	20.5	20.5	20.8	20.2	19.7	19.6	19.9	20.5	20.8	21.2	21.4	21.5
120	20.8	21.0	21.1	21.2	21.1	20.9	20.7	20.7	20.8	20.9	20.4	20.0	19.9	20.1	20.4	20.8	21.1	21.2	21.3
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3°C

Operators:

Test Date:04 January 2023

γ Range: 0 - 120DEG

γ Interval: 2.5DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456

Humidity:65.0%

Test Distance:6.340m [K=1.0000]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: 95NEOS18LED	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 380 x 55	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: cilinder	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	245	245	245	245	245	245	245	245	245	245	245	245	245	245	245	245	245		
5	245	245	245	245	245	245	245	245	245	245	244	244	244	244	244	244	244		
10	244	244	244	244	243	243	243	243	242	242	242	241	241	241	241	241	241		
15	241	240	240	240	240	239	239	238	238	237	237	237	236	236	236	236	235		
20	235	235	235	235	234	234	233	232	232	231	231	230	230	229	229	229	228		
25	228	228	228	227	227	226	225	224	224	223	222	222	221	221	220	220	220		
30	219	219	219	218	217	216	215	214	213	212	212	211	210	210	210	210	209		
35	209	209	208	207	206	206	204	203	202	201	200	200	199	199	198	198	197		
40	196	196	195	195	194	193	191	191	189	188	187	187	186	185	185	184	184		
45	182	182	182	181	180	179	177	176	175	174	172	172	171	171	170	170	169		
50	167	167	166	166	164	163	161	161	159	158	156	156	155	155	153	153	153		
55	150	151	149	149	147	146	144	143	142	141	139	139	137	137	136	136	135		
60	133	133	132	131	129	128	126	125	123	123	121	120	119	119	118	118	117		
65	114	114	113	112	110	109	107	106	104	103	102	101	99.8	99.6	98.4	98.4	97.3		
70	93.9	94.0	92.8	92.2	90.5	89.4	87.6	86.4	84.9	83.8	82.4	81.6	80.5	79.9	79.0	78.7	77.9		
75	74.1	74.0	73.1	72.3	70.7	69.6	67.9	66.8	65.2	64.3	63.0	62.2	61.1	60.6	59.7	59.3	58.7		
80	54.8	54.7	53.9	53.1	51.7	50.7	49.2	48.3	46.9	46.1	45.0	44.4	43.4	43.0	42.3	42.0	41.4		
85	38.5	38.4	37.7	37.1	36.0	35.2	34.1	33.4	32.4	32.0	31.2	30.8	30.2	30.0	29.5	29.4	29.0		
90	27.5	27.5	27.1	26.7	26.1	25.6	24.8	23.9	23.4	23.1	22.7	23.1	22.8	22.7	22.5	22.5	22.5		
95	22.5	22.6	22.4	22.2	21.9	21.6	20.4	16.4	17.7	15.0	18.6	20.2	20.3	20.3	20.3	20.4	20.5		
100	21.6	21.7	21.7	21.5	21.1	20.2	18.2	15.8	14.7	14.1	16.1	18.7	19.6	19.7	20.1	20.3	20.5		
105	21.6	21.6	21.5	21.2	20.4	19.1	17.6	17.2	16.0	13.6	14.5	17.1	18.7	17.7	19.5	20.2	20.6		
110	21.6	21.5	21.3	20.8	19.9	18.7	17.8	17.4	17.9	17.6	14.7	15.2	17.5	17.8	17.5	19.8	20.6		
115	21.5	21.3	21.0	20.5	19.7	18.7	18.1	17.6	17.8	17.6	18.0	15.2	16.6	18.2	17.8	18.5	20.3		
120	21.2	21.0	20.6	20.2	19.5	18.8	18.2	18.2	18.3	18.3	18.2	17.5	16.3	17.9	18.4	17.5	19.7		
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3°C

Operators:

Test Date:04 January 2023

γ Range: 0 - 120DEG

γ Interval: 2.5DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456

Humidity:65.0%

Test Distance:6.340m [K=1.0000]

Remarks: