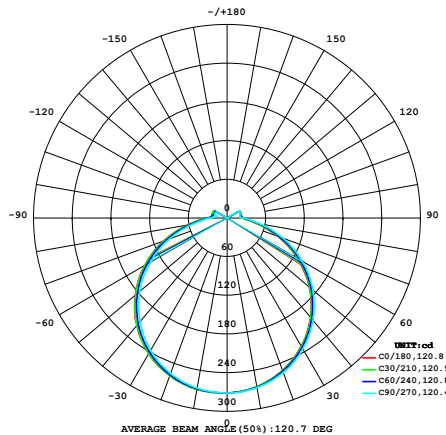


LAMP PHOTOMETRIC REPORT

MODEL: 95NEOS18LED		
POWER: 18W	VOLTAGE: 230V	WORKING VOLTAGE: 230V
MANUFACTURER: Elmark Industries JSC		

TOTAL FLUX: 949.02 lm



γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%
10	265.5	266.0	267.3	268.7	269.9	269.5	268.1	266.6	0- 10	25.73	25.73	2.71
20	251.6	252.5	255.1	257.9	260.6	259.8	256.7	253.8	10- 20	74.24	99.97	10.5
30	230.0	231.3	235.0	239.1	243.2	241.9	237.3	233.2	20- 30	114.0	213.9	22.5
40	201.4	203.0	207.5	212.6	218.1	216.3	210.4	205.5	30- 40	140.0	353.9	37.3
50	166.5	168.8	173.7	179.5	186.0	183.9	176.9	171.4	40- 50	149.1	503.1	53
60	126.5	129.4	135.1	140.9	148.2	145.7	137.9	132.1	50- 60	140.4	643.5	67.8
70	83.64	86.74	92.43	97.91	105.5	102.8	95.16	89.34	60- 70	114.7	758.1	79.9
80	43.73	46.26	50.85	55.40	61.93	59.62	53.33	48.49	70- 80	76.92	835.0	88
90	24.22	25.26	25.74	27.88	31.10	30.08	26.74	25.77	80- 90	41.26	876.3	92.3
100	22.53	22.87	19.70	22.60	23.98	24.11	16.93	22.14	90-100	25.48	901.8	95
110	22.84	22.26	21.61	21.82	24.04	23.01	20.38	20.05	100-110	22.99	924.8	97.4
120	22.61	22.17	22.07	21.93	23.69	22.50	19.80	21.19	110-120	21.69	946.5	99.7
130	0	0	0	0	0	0	0	0	120-130	2.563	949.0	100
140	0	0	0	0	0	0	0	0	130-140	0	949.0	100
150	0	0	0	0	0	0	0	0	140-150	0	949.0	100
160	0	0	0	0	0	0	0	0	150-160	0	949.0	100
170	0	0	0	0	0	0	0	0	160-170	0	949.0	100
180	0	0	0	0	0	0	0	0	170-180	0	949.0	100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: MEDIUM
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

MODEL: 95NEOS18LED		
POWER: 18W	VOLTAGE: 230V	WORKING VOLTAGE: 230V
MANUFACTURER: Elmark Industries JSC		

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	271	271	271	271	271	271	271	271	271	271	271	271	271	271	271	271	271	271	271
5	269	269	269	269	270	270	270	270	270	270	270	270	271	271	271	271	271	271	271
10	265	265	266	266	266	266	266	267	267	267	268	268	268	269	269	269	269	270	270
15	259	259	260	260	260	260	261	261	262	262	263	263	264	264	265	265	265	266	266
20	252	251	252	252	252	253	253	254	254	255	256	256	257	258	258	259	259	260	261
25	242	241	242	242	242	243	244	244	245	246	247	248	248	249	250	251	251	252	253
30	230	230	230	230	231	232	232	233	234	235	236	237	238	239	240	240	241	242	243
35	217	216	217	217	218	218	219	220	221	222	223	224	225	226	227	228	229	230	232
40	201	201	201	202	203	203	204	205	206	208	209	210	211	212	213	214	216	217	218
45	185	184	185	185	186	187	188	189	190	191	192	194	195	196	197	199	200	201	203
50	167	167	167	167	168	169	170	171	172	174	175	176	177	179	180	182	183	184	186
55	147	147	147	148	149	150	151	153	153	155	156	158	159	160	161	163	164	166	168
60	126	127	127	128	129	130	131	133	133	135	136	138	139	140	141	143	144	146	148
65	105	105	106	107	107	109	110	112	112	114	115	116	117	119	120	122	123	125	127
70	83.6	83.6	84.1	85.0	86.1	87.4	88.6	90.0	90.8	92.4	93.2	94.8	95.7	97.4	98.4	100	102	103	105
75	62.4	62.3	62.8	63.7	64.8	66.0	67.3	68.6	69.7	70.9	71.9	73.0	74.1	75.4	76.8	78.3	79.8	81.2	83.3
80	43.7	43.6	44.0	44.7	45.7	46.8	47.9	49.0	49.9	50.8	51.8	52.7	53.6	54.8	56.0	57.4	58.7	60.0	61.9
85	30.8	30.6	30.9	31.4	32.1	32.8	33.5	34.2	34.7	35.3	35.9	36.6	37.2	38.0	38.9	40.0	41.0	42.0	43.5
90	24.2	24.1	24.3	24.6	25.1	25.5	25.8	25.7	25.3	25.7	25.7	26.2	27.2	27.6	28.1	28.8	29.5	30.1	31.1
95	22.5	22.5	22.6	22.8	23.1	23.3	23.3	22.1	18.2	20.0	16.7	20.6	23.2	23.4	23.6	23.9	24.3	24.7	25.1
100	22.5	22.5	22.7	22.8	23.0	22.8	22.0	20.3	19.2	19.7	18.8	18.7	21.1	22.3	22.9	23.2	23.5	23.8	24.0
105	22.7	22.7	22.8	22.8	22.7	22.2	21.4	20.7	20.4	20.9	19.9	19.6	20.4	21.6	22.5	23.1	23.5	23.8	24.0
110	22.8	22.7	22.8	22.6	22.5	22.0	21.4	21.1	21.2	21.6	20.9	20.4	20.5	21.4	22.3	22.9	23.5	23.8	24.0
115	22.8	22.7	22.7	22.5	22.4	22.0	21.6	21.5	21.6	21.9	21.3	20.9	20.9	21.5	22.2	22.8	23.3	23.7	23.9
120	22.6	22.5	22.6	22.5	22.3	22.0	21.8	21.7	21.9	22.1	21.7	21.3	21.3	21.6	22.2	22.8	23.2	23.6	23.7
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	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: MEDIUM

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

MODEL: 95NEOS18LED		
POWER: 18W	VOLTAGE: 230V	WORKING VOLTAGE: 230V
MANUFACTURER: Elmark Industries JSC		

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	271	271	271	271	271	271	271	271	271	271	271	271	271	271	271	271	271		
5	272	272	272	271	271	271	271	271	271	271	270	270	270	270	270	270	270		
10	270	270	270	270	269	269	269	269	268	268	267	267	267	266	266	266	266		
15	267	266	266	266	266	265	265	264	263	263	262	262	261	261	261	260	260		
20	261	261	261	260	260	259	258	257	257	256	255	255	254	254	253	253	252		
25	253	253	253	252	251	251	250	249	248	247	246	246	245	244	243	243	243		
30	244	243	243	242	241	240	239	238	237	236	235	234	234	233	232	232	231		
35	232	232	231	231	229	228	227	226	225	224	222	222	221	220	219	218	218		
40	219	218	218	217	216	215	213	212	210	209	208	207	206	205	204	203	203		
45	203	203	202	201	200	199	197	196	194	193	192	191	190	189	188	187	186		
50	186	186	186	185	183	182	180	179	177	176	174	173	172	171	170	169	168		
55	168	168	167	166	165	164	161	160	158	157	155	154	153	152	151	150	149		
60	148	148	147	147	145	144	141	140	138	137	135	134	132	132	130	130	128		
65	127	127	126	126	124	123	120	119	117	116	114	113	111	111	109	108	107		
70	106	106	105	104	102	101	98.5	97.2	95.2	94.0	92.3	91.3	89.8	88.8	87.5	86.5	85.3		
75	83.8	83.4	82.7	81.6	80.1	78.6	76.9	75.4	73.7	72.4	71.0	69.8	68.6	67.5	66.2	65.2	64.0		
80	62.3	62.0	61.3	60.3	58.9	57.6	56.1	54.9	53.3	52.3	51.1	50.1	49.0	48.0	46.9	46.1	45.0		
85	43.8	43.7	43.1	42.3	41.2	40.2	39.0	38.2	37.1	36.5	35.7	35.0	34.3	33.6	32.8	32.3	31.6		
90	31.3	31.3	30.9	30.4	29.8	29.1	28.3	27.2	26.7	26.4	26.1	26.4	25.9	25.6	25.1	24.9	24.5		
95	25.4	25.5	25.4	25.2	24.9	24.5	23.2	18.5	20.2	17.4	21.3	23.1	23.0	22.8	22.7	22.5	22.5		
100	24.3	24.4	24.5	24.3	23.9	22.9	20.6	17.8	16.9	16.3	17.3	20.4	21.9	22.4	22.4	22.4	22.4		
105	24.3	24.3	24.3	23.9	23.1	21.7	19.8	19.7	18.8	18.3	18.6	19.3	20.7	21.6	22.2	22.3	22.5		
110	24.3	24.2	24.0	23.5	22.5	21.2	20.3	19.2	20.4	19.8	19.5	20.3	19.5	20.6	21.3	22.0	22.4		
115	24.2	24.0	23.7	23.1	22.3	21.1	20.6	19.4	19.6	20.5	20.4	20.6	21.0	20.2	20.5	21.3	22.2		
120	23.9	23.6	23.3	22.9	22.1	21.3	20.7	20.2	19.8	20.2	20.6	20.8	21.0	21.4	20.5	20.3	21.6		
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: MEDIUM

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: