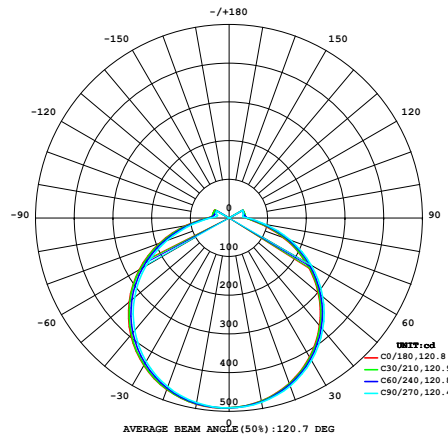


LAMP PHOTOMETRIC REPORT

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

TOTAL FLUX: 1718.3 lm



$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%
10	480.0	481.3	483.8	486.1	488.5	487.5	484.7	482.2	0- 10	46.55	46.55	2.71
20	454.7	457.2	462.0	466.7	472.0	469.6	463.9	458.9	10- 20	134.3	180.8	10.5
30	415.7	419.1	426.0	432.8	440.7	437.0	428.5	421.5	20- 30	206.2	387.0	22.5
40	363.7	368.3	376.7	385.1	395.3	390.5	379.7	371.2	30- 40	253.3	640.4	37.3
50	300.6	306.6	315.9	325.3	337.3	332.0	319.0	309.4	40- 50	269.9	910.3	53
60	228.4	235.5	245.8	255.3	268.6	262.7	248.4	238.1	50- 60	254.0	1164	67.8
70	150.4	158.2	169.1	177.9	191.4	185.1	171.0	160.6	60- 70	207.5	1372	79.8
80	78.75	85.19	93.92	100.9	112.8	106.9	94.92	87.45	70- 80	139.2	1511	87.9
90	43.96	46.88	48.03	51.23	56.60	54.00	47.67	46.04	80- 90	74.96	1586	92.3
100	41.00	42.35	36.48	41.45	43.32	43.13	32.18	39.85	90-100	46.35	1632	95
110	41.54	41.18	39.98	39.92	43.44	41.21	36.95	38.21	100-110	41.88	1674	97.4
120	41.08	40.98	40.83	40.10	42.84	40.28	37.25	34.93	110-120	39.52	1714	99.7
130	0	0	0	0	0	0	0	0	120-130	4.669	1718	100
140	0	0	0	0	0	0	0	0	130-140	0	1718	100
150	0	0	0	0	0	0	0	0	140-150	0	1718	100
160	0	0	0	0	0	0	0	0	150-160	0	1718	100
170	0	0	0	0	0	0	0	0	160-170	0	1718	100
180	0	0	0	0	0	0	0	0	170-180	0	1718	100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

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

$\gamma$  Range: 0 - 120DEG  
 $\gamma$  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	491	491	491	491	491	491	491	491	491	491	491	491	491	491	491	491	491	491	491
5	487	487	487	488	488	488	488	489	489	489	489	490	490	490	490	490	491	491	491
10	480	480	480	481	481	482	482	483	483	484	484	485	485	486	486	487	487	488	488
15	469	469	470	470	471	472	472	473	474	475	475	476	477	478	479	480	480	481	482
20	455	455	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	472
25	437	437	438	439	439	441	442	443	444	446	447	448	449	451	452	454	455	456	458
30	416	416	416	418	418	420	421	423	424	426	427	429	430	432	433	435	437	438	441
35	391	392	392	393	394	396	397	399	401	403	404	406	408	410	411	414	415	417	420
40	364	364	365	366	367	369	371	373	374	377	378	380	382	384	386	388	390	392	395
45	333	334	335	336	338	340	341	344	345	348	349	352	353	356	358	360	362	364	368
50	301	301	302	304	305	308	309	312	313	316	317	320	322	324	326	329	331	334	337
55	266	266	267	269	271	273	275	278	279	282	283	286	288	291	292	295	298	300	304
60	228	229	230	232	234	237	239	241	243	246	247	250	252	254	256	259	262	264	269
65	190	191	192	194	196	199	201	204	205	208	209	212	214	216	218	221	224	226	231
70	150	152	152	155	157	160	162	165	166	169	170	173	174	177	179	182	184	187	191
75	112	113	114	116	118	121	123	126	128	130	131	134	135	138	139	142	144	147	152
80	78.8	79.4	80.2	82.1	83.9	86.5	89.4	90.6	91.9	93.9	94.9	97.0	97.8	100	102	104	106	109	113
85	55.7	56.0	56.5	57.8	59.2	61.0	62.3	63.7	64.6	65.7	66.5	67.6	68.4	69.8	71.0	72.9	74.5	76.3	79.4
90	44.0	44.3	44.7	45.5	46.4	47.4	48.1	48.0	47.1	48.0	47.8	48.6	50.3	51.0	51.5	52.6	53.6	54.8	56.6
95	40.9	41.2	41.6	42.2	42.8	43.2	43.3	41.2	33.9	37.1	31.0	38.2	42.8	43.1	43.3	43.7	44.2	44.8	45.6
100	41.0	41.3	41.7	42.1	42.4	42.3	40.9	37.9	35.8	36.5	34.9	34.7	39.0	41.1	41.8	42.3	42.6	43.0	43.3
105	41.3	41.6	41.9	42.0	41.9	41.2	39.7	38.4	38.0	38.7	36.9	36.2	37.5	39.6	41.1	42.1	42.7	43.1	43.4
110	41.5	41.7	41.8	41.8	41.6	40.8	39.7	39.2	39.3	40.0	38.7	37.7	37.8	39.2	40.6	41.7	42.6	43.1	43.4
115	41.4	41.6	41.6	41.6	41.3	40.7	40.0	39.8	39.9	40.4	39.4	38.6	38.5	39.3	40.5	41.5	42.3	42.9	43.3
120	41.1	41.3	41.4	41.4	41.2	40.8	40.3	40.3	40.5	40.8	40.0	39.3	39.2	39.7	40.6	41.5	42.1	42.6	42.8
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

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	491	491	491	491	491	491	491	491	491	491	491	491	491	491	491	491	491		
5	491	491	491	491	491	490	490	490	490	489	489	489	488	488	488	488	488		
10	488	488	488	488	487	487	486	485	485	484	484	483	482	482	481	481	481		
15	482	482	481	481	480	479	478	477	476	475	474	473	473	472	471	471	470		
20	472	472	471	470	469	468	467	465	464	463	462	460	459	458	457	457	456		
25	458	458	457	456	454	453	451	450	448	447	445	444	442	441	440	440	438		
30	441	440	439	438	436	435	432	431	429	427	425	424	422	421	420	419	418		
35	419	419	418	417	414	413	410	408	406	404	402	400	398	397	396	395	393		
40	395	395	393	392	389	387	384	382	380	378	375	374	372	371	369	368	366		
45	368	367	366	364	361	359	356	354	351	349	346	344	342	341	339	338	336		
50	337	337	335	333	330	328	325	322	319	317	314	312	310	309	307	306	304		
55	304	304	302	300	297	295	291	288	285	282	280	278	275	274	272	271	269		
60	268	268	266	264	261	258	255	252	248	246	243	241	239	237	235	234	232		
65	231	230	228	226	223	220	216	214	210	208	205	203	200	199	197	195	193		
70	191	191	189	187	183	181	177	174	171	169	166	164	161	160	157	156	154		
75	151	151	149	147	143	141	137	135	132	130	127	125	123	121	119	118	115		
80	112	112	110	109	105	103	99.9	98.2	94.9	93.6	91.0	89.7	88.6	86.2	84.3	83.2	81.4		
85	79.2	79.0	77.5	76.2	73.8	72.1	69.7	68.2	66.2	65.1	63.6	62.6	61.2	60.3	59.0	58.3	57.2		
90	56.6	56.5	55.5	54.7	53.3	52.2	50.5	48.7	47.7	47.1	46.3	47.0	46.3	45.8	45.2	44.9	44.4		
95	45.8	45.9	45.6	45.2	44.5	43.8	41.5	33.2	36.0	30.8	37.9	41.0	41.0	40.9	40.7	40.7	40.7		
100	43.7	43.9	43.9	43.5	42.7	40.9	36.8	31.9	32.2	32.1	33.2	37.9	39.6	40.1	40.3	40.5	40.7		
105	43.6	43.7	43.6	42.9	41.3	38.8	36.1	34.3	31.7	30.5	34.2	36.0	38.2	39.4	40.1	40.5	40.9		
110	43.6	43.5	43.1	42.1	40.3	38.0	36.6	36.3	37.0	35.8	29.6	33.9	37.6	38.8	39.7	40.4	41.0		
115	43.4	43.1	42.5	41.5	39.8	37.8	36.8	36.8	37.2	37.0	36.5	32.3	35.0	38.5	39.4	40.2	41.0		
120	42.9	42.5	41.7	41.0	39.6	38.1	37.0	37.0	37.2	37.3	37.0	37.1	32.6	37.3	39.1	39.8	40.7		
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: