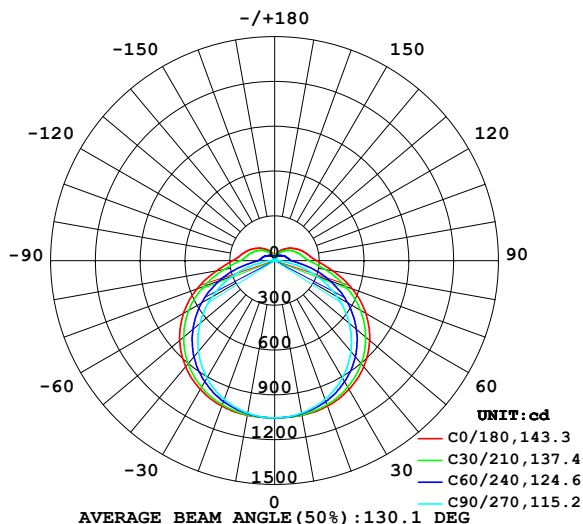


LUMINAIRE PHOTOMETRIC TEST REPORT

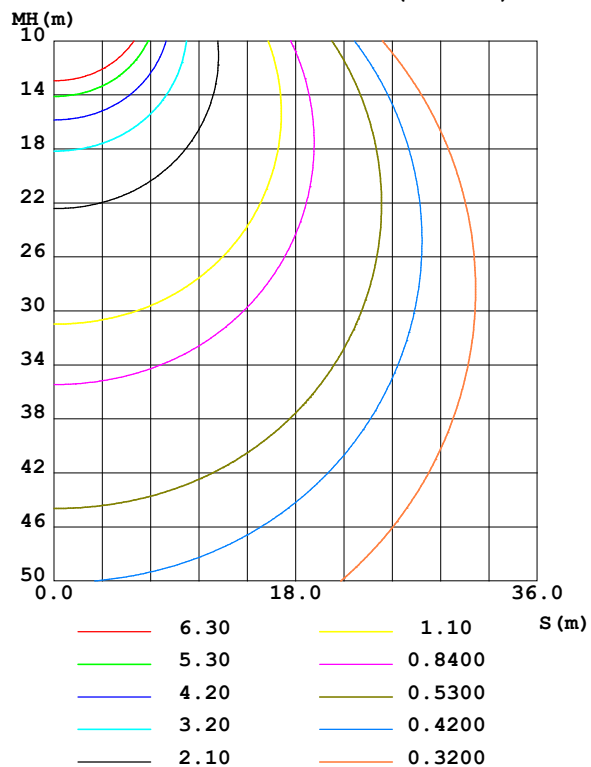
Test:U:230.38V I:0.1482A P:32.584W PF:0.9547 Freq:49.99Hz		
UTHDi:0.20% ITHDi:10.21% KDisp:0.9456 Lamp Flux:4387.2x1 lm		
NAME: NU28-LC-34W-1200K-40H	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Ervan	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 134.64 lm/W			
MODEL	NU28	I _{max} (cd)	1054	S/MH(C0/180)	1.41
NOMINAL POWER(W)	34	LOR(%)	100.0	S/MH(C90/270)	1.28
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	4387.2	□ UP,DN(C0-180)	6.8,43.2
NOMINAL FLUX(lm)	4387.2	CIE CLASS	SEMI-D.	□ UP,DN(C180-360)	6.8,43.2
LAMPS INSIDE	1	□ up (%)	13.6	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	230	□ down (%)	86.4	CIBSE SHR MAX	1.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:QC
Test Date:2022-06-21

□ Range: 0 - 180DEG
□ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:10.640m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

°	C0	C45	C90	C135	C180	C225	C270	C315	°	□ zone	□ total	%lum, lamp
10	1052	1046	1038	1046	1052	1046	1038	1046	0- 10	100.2	100.2	2.28,2.28
20	1037	1016	989.3	1016	1037	1016	989.3	1016	10- 20	292.1	392.3	8.94,8.94
30	996.5	960.1	908.2	960.1	996.5	960.1	908.2	960.1	20- 30	456.5	848.8	19.3,19.3
40	928.2	874.1	794.8	874.1	928.2	874.1	794.8	874.1	30- 40	573.6	1422	32.4,32.4
50	831.0	759.3	652.4	759.3	831.0	759.3	652.4	759.3	40- 50	627.8	2050	46.7,46.7
60	705.3	617.7	484.5	617.7	705.3	617.7	484.5	617.7	50- 60	610.4	2661	60.6,60.6
70	554.1	454.4	298.5	454.4	554.1	454.4	298.5	454.4	60- 70	521.7	3182	72.5,72.5
80	395.2	287.6	113.1	287.6	395.2	287.6	113.1	287.6	70- 80	377.0	3559	81.1,81.1
90	281.5	178.1	6.314	178.1	281.5	178.1	6.314	178.1	80- 90	229.8	3789	86.4,86.4
100	229.2	145.1	8.287	145.1	229.2	145.1	8.287	145.1	90-100	159.6	3949	90,90
110	195.0	124.2	10.96	124.2	195.0	124.2	10.96	124.2	100-110	131.6	4080	93,93
120	161.5	103.7	13.26	103.7	161.5	103.7	13.26	103.7	110-120	105.0	4185	95.4,95.4
130	130.6	81.17	15.87	81.17	130.6	81.17	15.87	81.17	120-130	78.59	4264	97.2,97.2
140	102.8	63.82	18.39	63.82	102.8	63.82	18.39	63.82	130-140	55.02	4319	98.4,98.4
150	77.78	50.03	20.95	50.03	77.78	50.03	20.95	50.03	140-150	35.57	4354	99.3,99.3
160	55.28	38.55	22.97	38.55	55.28	38.55	22.97	38.55	150-160	20.52	4375	99.7,99.7
170	35.18	29.85	24.45	29.85	35.18	29.85	24.45	29.85	160-170	9.654	4385	99.9,99.9
180	25.24	24.89	25.12	24.89	25.24	24.89	25.12	24.89	170-180	2.601	4387	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1733.8 lm

%lum = 39.5%

%lamp = 39.5%

Conical surface Flux(130deg): 2936.6 lm

%lum = 66.9%

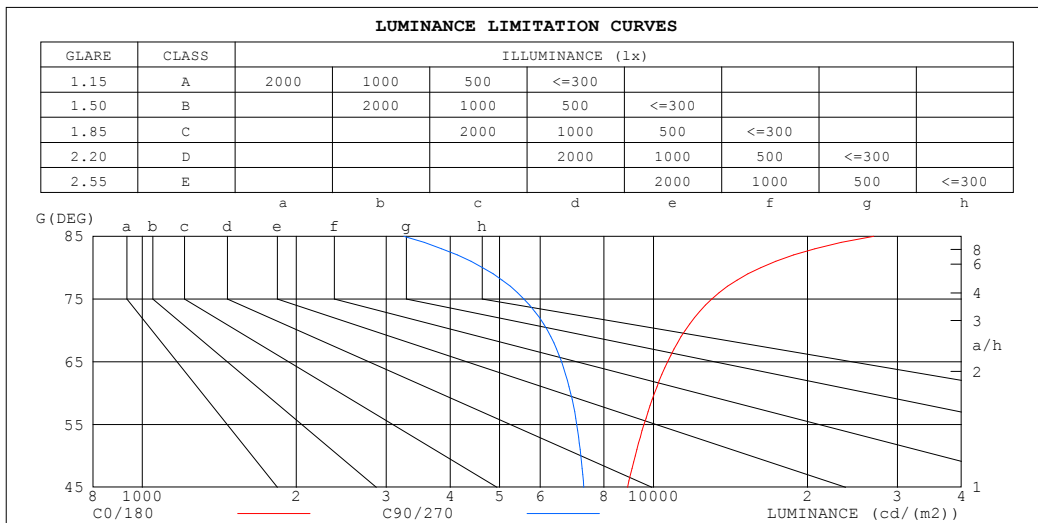
%lamp = 66.9%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:QC
 Test Date:2022-06-21

□ Range: 0 - 180DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.458
 Humidity:65.0%
 Test Distance:10.640m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.38V I:0.1482A P:32.584W PF:0.9547 Freq:49.99Hz		
UTHDi:0.20% ITHDi:10.21% KDisp:0.9456 Lamp Flux:4387.2x1 lm		
NAME: NU28-LC-34W-1200K-40H	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Ervan	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	26957	3248
80	16205	4629
75	13005	5579
70	11536	6201
65	10656	6610
60	10046	6884
55	9580	7078
50	9206	7210
45	8895	7303

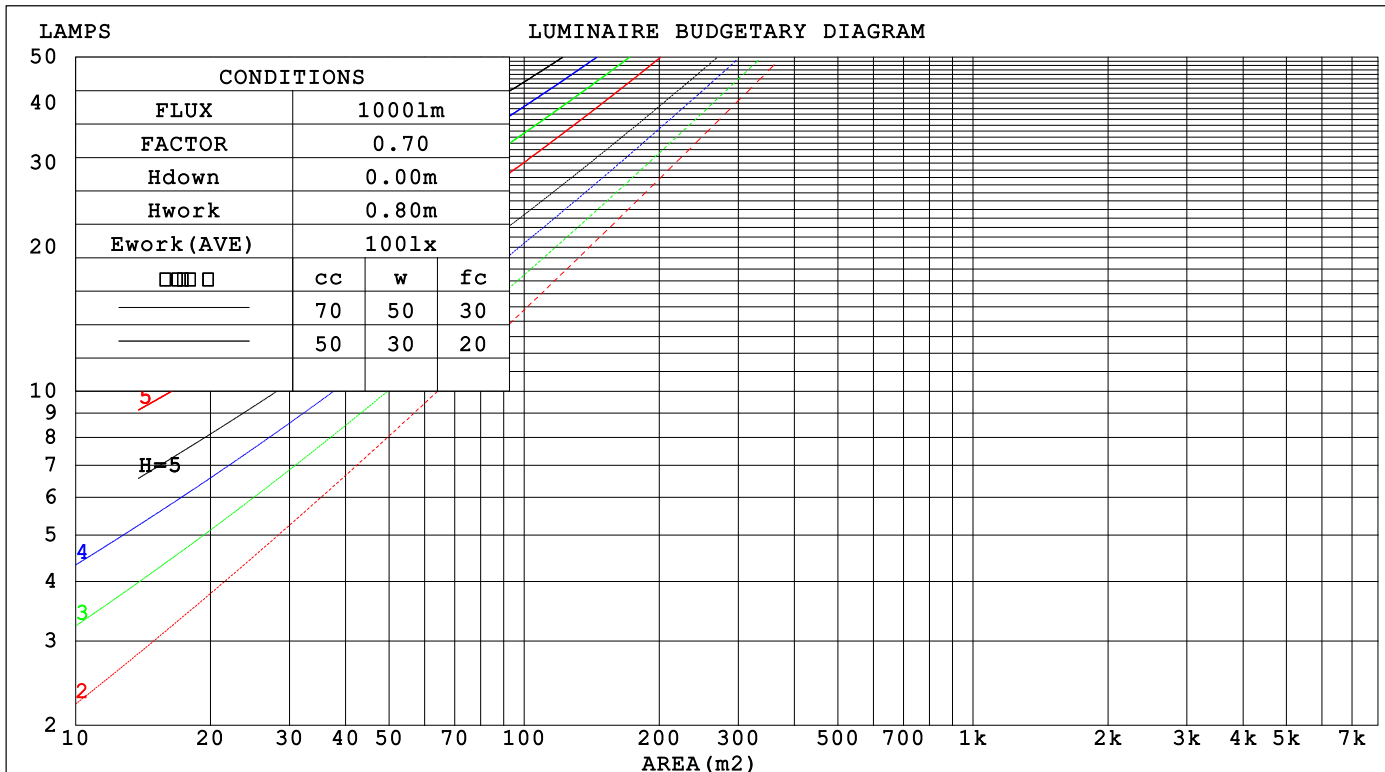
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:QC
Test Date:2022-06-21

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:10.640m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.38V I:0.1482A P:32.584W PF:0.9547 Freq:49.99Hz		
UTHDi:0.20% ITHDi:10.21% KDisp:0.9456 Lamp Flux:4387.2x1 lm		
NAME: NU28-LC-34W-1200K-40H	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Ervan	SUR.:	Shielding Angle:

□cc	80%			70%			50%			30%			10%			0														
□w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0														
□fc	20%			20%			20%			20%			20%			0														
RCR	RCR:Room Cavity Ratio															Coefficients of Utilization(CU)														
0.0	1.16	1.16	1.16	1.12	1.12	1.12	1.04	1.04	1.04	.96	.96	.96	.90	.90	.90	.86														
1.0	.98	.93	.89	.94	.90	.86	.88	.84	.81	.81	.78	.76	.76	.73	.71	.68														
2.0	.84	.77	.70	.81	.74	.69	.75	.70	.65	.70	.65	.61	.65	.61	.58	.55														
3.0	.73	.65	.58	.71	.63	.56	.66	.59	.53	.61	.55	.51	.57	.52	.48	.45														
4.0	.64	.55	.48	.62	.54	.47	.58	.51	.45	.54	.48	.43	.50	.45	.41	.38														
5.0	.57	.48	.41	.55	.47	.40	.52	.44	.38	.48	.42	.37	.45	.39	.35	.32														
6.0	.51	.42	.35	.50	.41	.35	.46	.39	.33	.43	.37	.32	.41	.35	.31	.28														
7.0	.46	.37	.31	.45	.36	.30	.42	.35	.29	.39	.33	.28	.37	.31	.27	.25														
8.0	.42	.33	.27	.41	.33	.27	.38	.31	.26	.36	.30	.25	.34	.28	.24	.22														
9.0	.38	.30	.24	.37	.29	.24	.35	.28	.23	.33	.27	.22	.31	.26	.21	.19														
10.0	.35	.27	.22	.34	.27	.22	.32	.26	.21	.31	.24	.20	.29	.23	.19	.18														



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:QC
Test Date:2022-06-21

□ Range: 0 - 180DEG
□ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:10.640m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:230.38V I:0.1482A P:32.584W PF:0.9547 Freq:49.99Hz		
UTHDi:0.20% ITHDi:10.21% KDisp:0.9456 Lamp Flux:4387.2x1 lm		
NAME: NU28-LC-34W-1200K-40H	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Ervan	SUR.:	Shielding Angle:

<input type="checkbox"/> cc	80%	70%	50%	30%	10%	0
<input type="checkbox"/> w	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	0
<input type="checkbox"/> fc	20%	20%	20%	20%	20%	0
RCR	RCR:Room Cavity Ratio					Wall Exitance Coefficients(WEC)
0.0						
1.0	.358 .204 .064	.347 .198 .063	.325 .187 .060	.306 .176 .057	.288 .167 .054	
2.0	.319 .175 .054	.309 .170 .052	.290 .161 .050	.272 .153 .048	.256 .145 .046	
3.0	.288 .153 .046	.279 .149 .045	.261 .142 .043	.245 .134 .041	.231 .128 .039	
4.0	.261 .136 .040	.253 .132 .039	.237 .126 .038	.223 .120 .036	.209 .114 .035	
5.0	.239 .122 .035	.231 .119 .035	.217 .113 .033	.204 .108 .032	.192 .103 .031	
6.0	.220 .110 .032	.213 .108 .031	.200 .103 .030	.188 .098 .029	.177 .093 .028	
7.0	.203 .100 .028	.197 .098 .028	.185 .094 .027	.174 .089 .026	.164 .085 .025	
8.0	.189 .092 .026	.183 .090 .026	.173 .086 .025	.163 .082 .024	.153 .079 .023	
9.0	.176 .085 .024	.171 .083 .023	.161 .080 .023	.152 .076 .022	.143 .073 .021	
10.0	.165 .079 .022	.161 .078 .022	.151 .074 .021	.143 .071 .020	.135 .068 .019	

<input type="checkbox"/> cc	80%	70%	50%	30%	10%	0
<input type="checkbox"/> w	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	0
<input type="checkbox"/> fc	20%	20%	20%	20%	20%	0
RCR	RCR:Room Cavity Ratio					Ceiling Cavity Exitance Coefficients(CCEC)
0.0	.294 .294 .294	.252 .252 .252	.172 .172 .172	.099 .099 .099	.032 .032 .032	
1.0	.288 .260 .235	.247 .224 .202	.169 .154 .140	.097 .089 .081	.031 .029 .026	
2.0	.281 .237 .200	.241 .204 .173	.165 .141 .121	.095 .082 .071	.031 .027 .023	
3.0	.274 .220 .178	.235 .190 .154	.161 .132 .108	.093 .077 .064	.030 .025 .021	
4.0	.266 .208 .163	.228 .179 .142	.157 .125 .100	.091 .073 .059	.029 .024 .019	
5.0	.259 .198 .153	.222 .171 .133	.153 .120 .094	.089 .070 .056	.029 .023 .018	
6.0	.251 .190 .145	.216 .164 .127	.149 .115 .090	.087 .068 .053	.028 .022 .018	
7.0	.245 .183 .140	.210 .159 .122	.145 .111 .086	.084 .066 .051	.027 .021 .017	
8.0	.238 .177 .136	.205 .154 .119	.142 .108 .084	.082 .064 .050	.027 .021 .017	
9.0	.232 .173 .133	.200 .150 .116	.138 .105 .082	.081 .062 .049	.026 .020 .016	
10.0	.226 .168 .130	.195 .146 .114	.135 .103 .081	.079 .061 .048	.026 .020 .016	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:QC
Test Date:2022-06-21

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:10.640m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:230.38V I:0.1482A P:32.584W PF:0.9547 Freq:49.99Hz UTHDi:0.20% ITHDi:10.21% KDisp:0.9456 Lamp Flux:4387.2x1 lm										
NAME: NU28-LC-34W-1200K-40H					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: Ervan					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	15.2	16.6	15.6	17.0	17.5	13.6	15.0	14.1	15.5	15.9
3H	17.4	18.7	17.9	19.2	19.7	15.1	16.4	15.6	16.9	17.4
4H	18.6	19.8	19.1	20.3	20.8	15.7	16.9	16.2	17.4	17.9
6H	19.8	20.9	20.3	21.4	22.0	16.0	17.2	16.5	17.7	18.2
8H	20.4	21.5	21.0	22.1	22.6	16.1	17.2	16.6	17.7	18.3
12H	21.2	22.2	21.7	22.8	23.3	16.1	17.2	16.7	17.7	18.3
4H 2H	15.7	16.9	16.2	17.4	18.0	14.6	15.8	15.1	16.3	16.8
3H	18.2	19.3	18.7	19.8	20.4	16.3	17.4	16.8	17.9	18.5
4H	19.5	20.5	20.1	21.1	21.7	17.0	18.0	17.6	18.5	19.1
6H	20.9	21.8	21.5	22.4	23.0	17.5	18.4	18.1	18.9	19.6
8H	21.7	22.5	22.3	23.1	23.8	17.6	18.5	18.2	19.1	19.7
12H	22.6	23.3	23.2	23.9	24.6	17.7	18.5	18.3	19.1	19.8
8H 4H	19.8	20.6	20.4	21.2	21.9	17.7	18.5	18.3	19.1	19.8
6H	21.5	22.2	22.1	22.8	23.5	18.5	19.2	19.1	19.8	20.5
8H	22.4	23.0	23.1	23.7	24.4	18.8	19.4	19.4	20.0	20.8
12H	23.5	24.1	24.2	24.7	25.5	19.0	19.5	19.6	20.2	20.9
12H 4H	19.8	20.6	20.4	21.2	21.9	17.9	18.6	18.5	19.2	19.9
6H	21.5	22.2	22.2	22.8	23.5	18.8	19.4	19.5	20.1	20.8
8H	22.6	23.1	23.3	23.8	24.6	19.2	19.8	19.9	20.4	21.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.4				

CIE Pub.117, 4387 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 5.1)
Area: 0.1407 m2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:QC
Test Date:2022-06-21

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:10.640m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:230.38V I:0.1482A P:32.584W PF:0.9547 Freq:49.99Hz		
UTHDi:0.20% ITHDi:10.21% KDisp:0.9456 Lamp Flux:4387.2x1 lm		
NAME: NU28-LC-34W-1200K-40H	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Ervan	SUR.:	Shielding Angle:

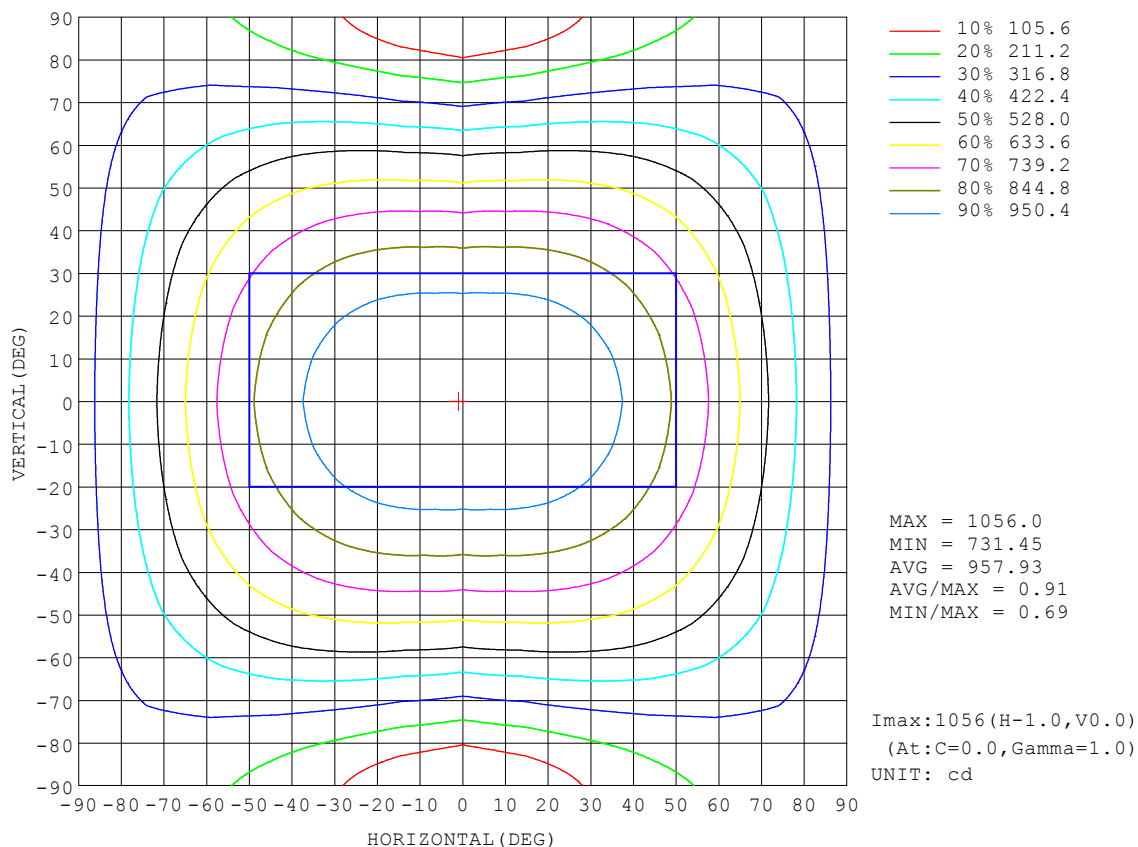
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	50	38	31	49	37	30	47	37	30	23
0.80	60	47	39	58	46	39	55	45	38	30
1.00	68	55	47	66	54	47	63	55	45	37
1.25	75	63	54	72	61	54	69	59	52	43
1.50	80	68	60	77	67	59	73	64	57	48
2.00	87	77	69	84	75	68	79	71	65	54
2.50	91	82	75	88	80	73	83	76	70	58
3.00	95	87	80	92	84	78	86	79	74	62
4.00	100	92	86	96	90	84	90	84	80	67
5.00	102	96	91	99	93	88	92	87	84	70
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:25.3°C
Operators:QC
Test Date:2022-06-21

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:10.640m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:230.38V I:0.1482A P:32.584W PF:0.9547 Freq:49.99Hz UTHDi:0.20% ITHDi:10.21% KDisp:0.9456 Lamp Flux:4387.2x1 lm		
NAME: NU28-LC-34W-1200K-40H	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Ervan	SUR.:	Shielding Angle:

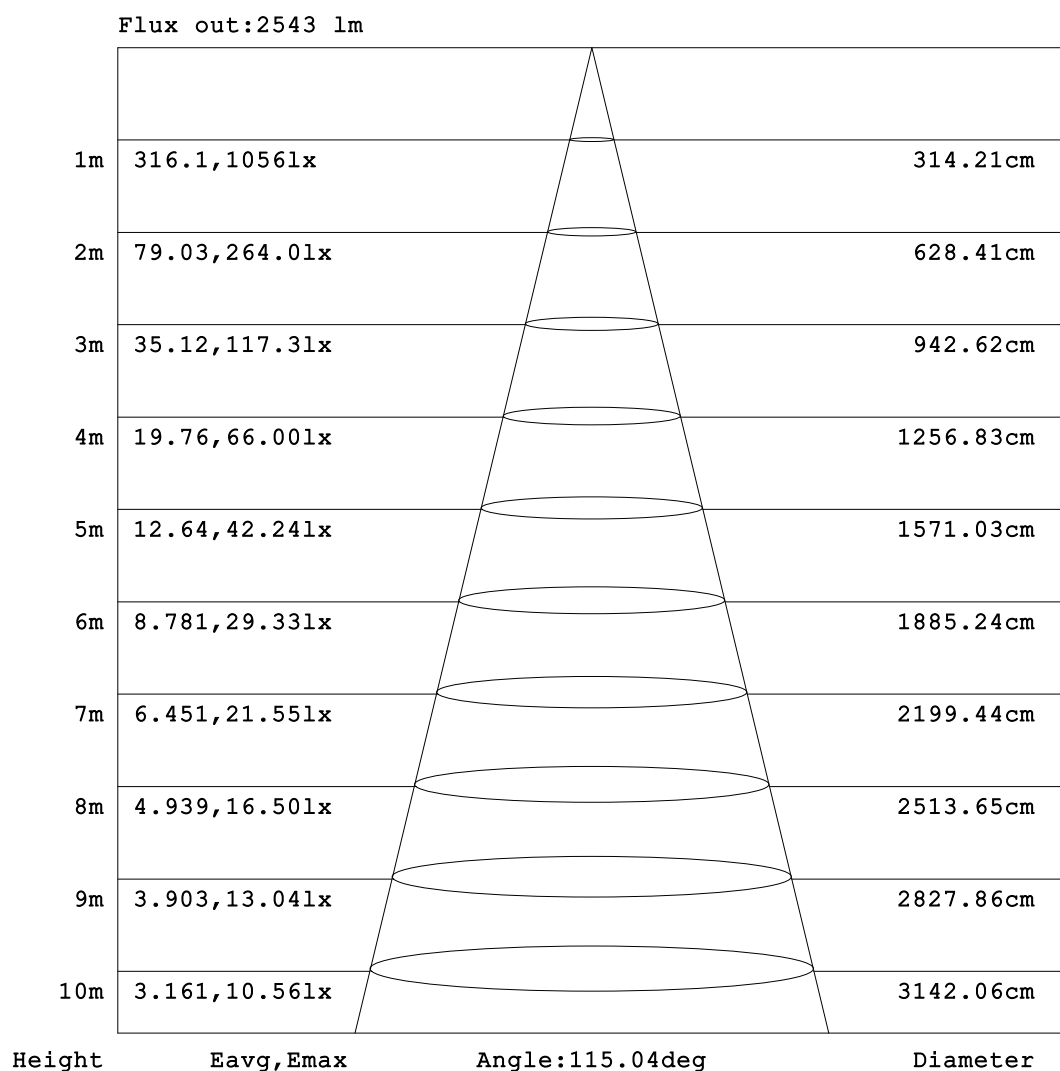


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:QC
 Test Date:2022-06-21

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.458
 Humidity:65.0%
 Test Distance:10.640m [K=1.0000]
 Remarks:

AAI Figure

Test:U:230.38V I:0.1482A P:32.584W PF:0.9547 Freq:49.99Hz		
UTHDi:0.20% ITHDi:10.21% KDisp:0.9456 Lamp Flux:4387.2x1 lm		
NAME: NU28-LC-34W-1200K-40H	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Ervan	SUR.:	Shielding Angle:



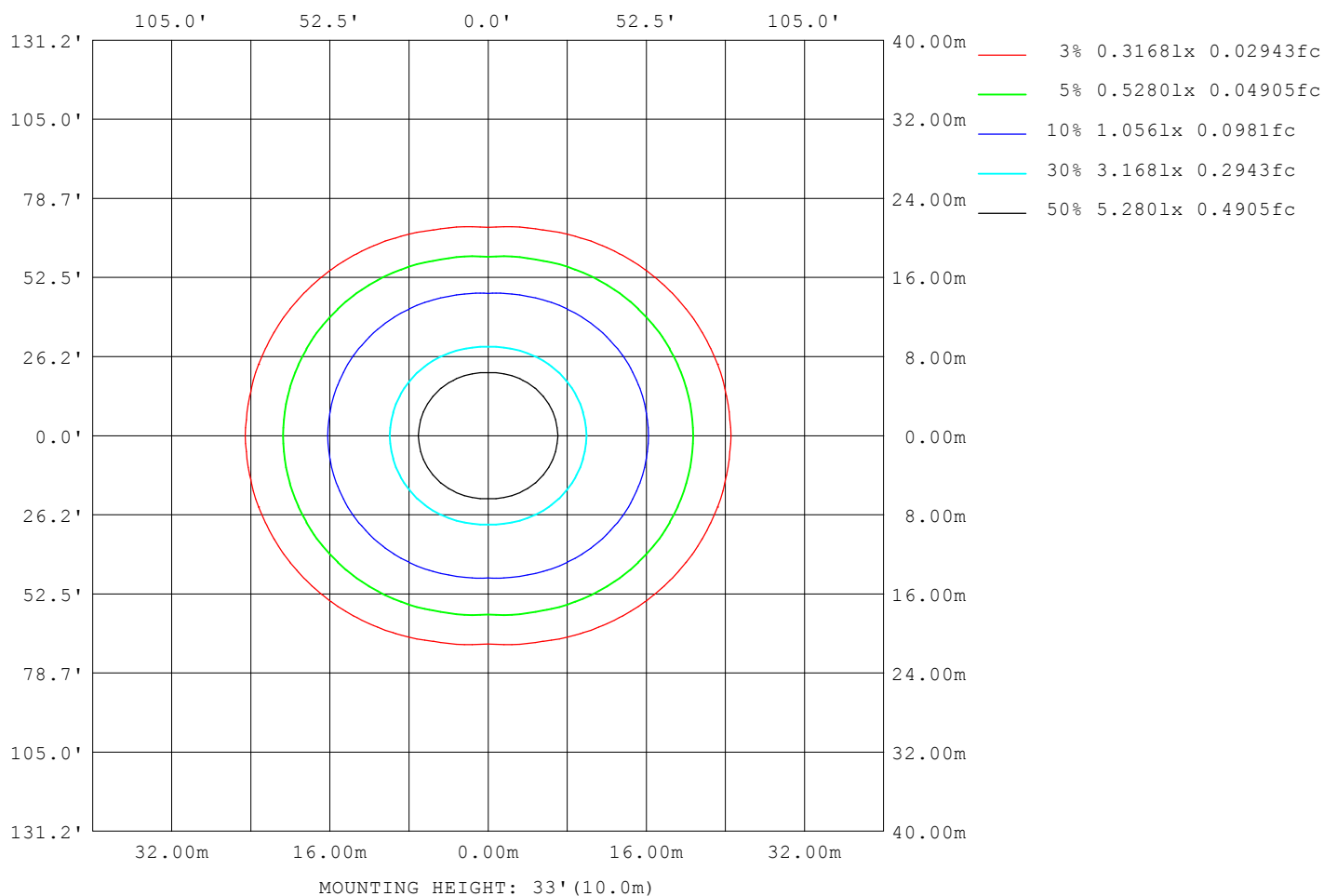
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:QC
Test Date:2022-06-21

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:10.640m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:230.38V I:0.1482A P:32.584W PF:0.9547 Freq:49.99Hz		
UTHDi:0.20% ITHDi:10.21% KDisp:0.9456 Lamp Flux:4387.2x1 lm		
NAME: NU28-LC-34W-1200K-40H	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Ervan	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:QC
Test Date:2022-06-21

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:10.640m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:230.38V I:0.1482A P:32.584W PF:0.9547 Freq:49.99Hz		
UTHDi:0.20% ITHDi:10.21% KDisp:0.9456 Lamp Flux:4387.2x1 lm		
NAME: NU28-LC-34W-1200K-40H	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Ervan	SUR.:	Shielding Angle:

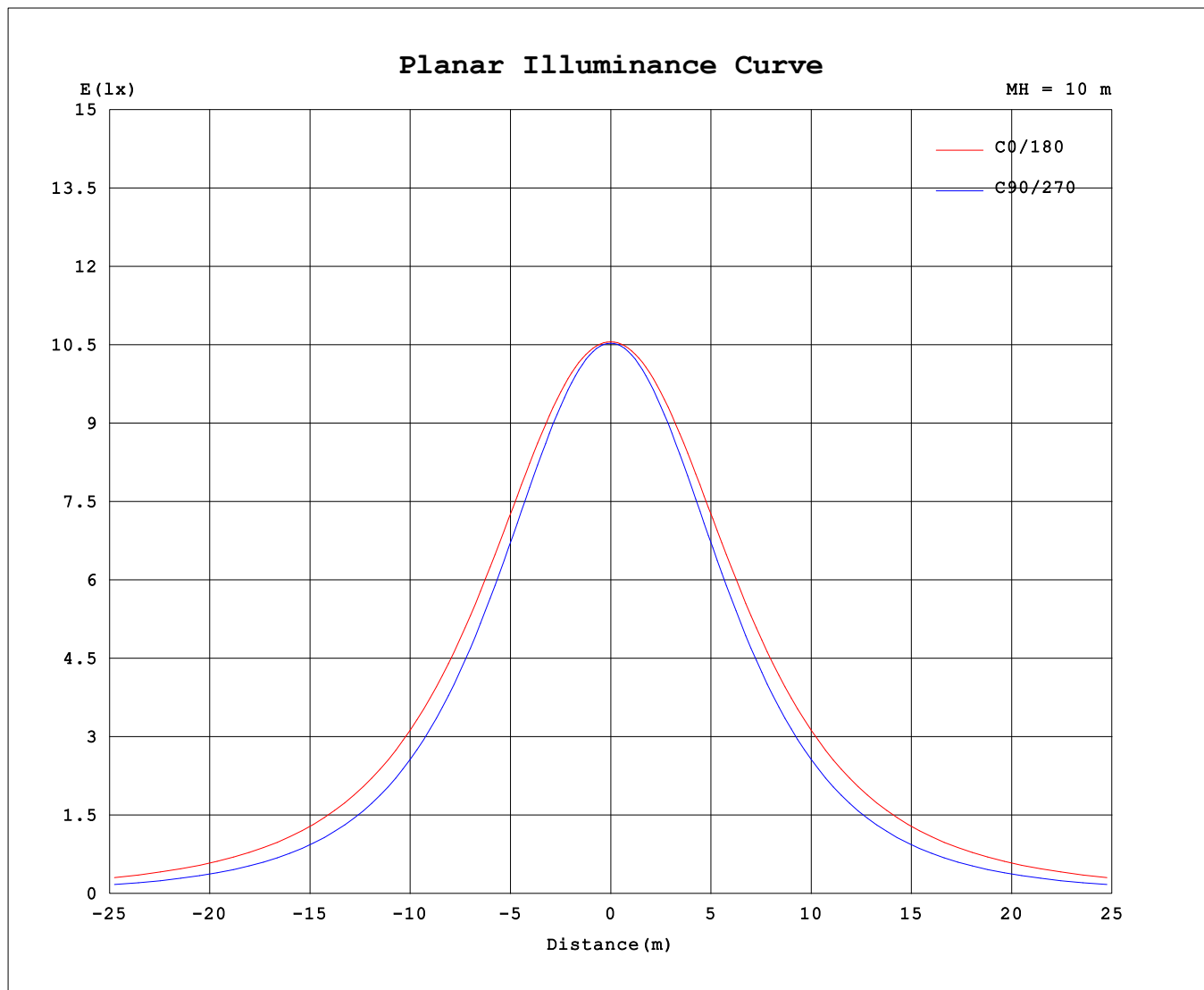
AvgL	cd/m2
L_0~180 (65) av	10636
L_0~180 (75) av	12980
L_0~180 (85) av	26904
L_90~270 (65) av	6613
L_90~270 (75) av	5581
L_90~270 (85) av	3250
L_45 (65) av	9051
L_45 (75) av	10133
L_45 (85) av	18011

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:QC
Test Date:2022-06-21

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:10.640m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: QC
 Test Date: 2022-06-21

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.458
 Humidity: 65.0%
 Test Distance: 10.640m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.38V I:0.1482A P:32.584W PF:0.9547 Freq:49.99Hz		
UTHDi:0.20% ITHDi:10.21% KDisp:0.9456		Lamp Flux:4387.2x1 lm
NAME: NU28-LC-34W-1200K-40H	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Ervan	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) □ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1054	1054	1054	1054	1054	1054	1054	1054	1054	1054	1054	1054	1054	1054	1054	1054	1054	1054	1054
5	1054	1053	1053	1052	1051	1050	1050	1050	1051	1052	1053	1053	1054	1053	1053	1052	1051	1050	1050
10	1052	1051	1049	1046	1042	1039	1038	1039	1042	1046	1049	1051	1052	1051	1049	1046	1042	1039	1038
15	1047	1046	1041	1034	1026	1020	1018	1020	1026	1034	1041	1046	1047	1046	1041	1034	1026	1020	1018
20	1037	1034	1027	1016	1004	993	989	993	1004	1016	1027	1034	1037	1034	1027	1016	1004	993	989
25	1020	1017	1007	992	975	959	953	959	975	992	1007	1017	1020	1017	1007	992	975	959	953
30	997	992	979	960	937	917	908	917	937	960	979	992	997	992	979	960	937	917	908
35	966	960	944	921	893	867	855	867	893	921	944	960	966	960	944	921	893	867	855
40	928	921	903	874	841	810	795	810	841	874	903	921	928	921	903	874	841	810	795
45	883	875	853	820	782	745	727	745	782	820	853	875	883	875	853	820	782	745	727
50	831	822	797	759	716	674	652	674	716	759	797	822	831	822	797	759	716	674	652
55	772	762	733	692	643	596	571	596	643	692	733	762	772	762	733	692	643	596	571
60	705	694	663	618	565	513	485	513	565	618	663	694	705	694	663	618	565	513	485
65	632	620	587	538	481	425	393	425	481	538	587	620	632	620	587	538	481	425	393
70	554	541	506	454	394	334	299	334	394	454	506	541	554	541	506	454	394	334	299
75	473	460	423	369	306	242	203	242	306	369	423	460	473	460	423	369	306	242	203
80	395	382	343	288	222	156	113	156	222	288	343	382	395	382	343	288	222	156	113
85	330	316	278	221	154	84.4	39.8	84.4	154	221	278	316	330	316	278	221	154	84.4	39.8
90	282	269	232	178	114	47.9	6.31	47.9	114	178	232	269	282	269	232	178	114	47.9	6.31
95	250	238	205	157	99.7	41.3	7.03	41.3	99.7	157	205	238	250	238	205	157	99.7	41.3	7.03
100	229	219	189	145	92.3	38.5	8.29	38.5	92.3	145	189	219	229	219	189	145	92.3	38.5	8.29
105	212	203	175	135	85.6	36.7	9.60	36.7	85.6	135	175	203	212	203	175	135	85.6	36.7	9.60
110	195	186	161	124	79.5	35.2	11.0	35.2	79.5	124	161	186	195	186	161	124	79.5	35.2	11.0
115	178	170	148	114	72.9	33.6	12.0	33.6	72.9	114	148	170	178	170	148	114	72.9	33.6	12.0
120	162	155	135	104	65.9	32.2	13.3	32.2	65.9	104	135	155	162	155	135	104	65.9	32.2	13.3
125	146	140	122	92.1	59.1	30.9	14.6	30.9	59.1	92.1	122	140	146	140	122	92.1	59.1	30.9	14.6
130	131	125	109	81.2	54.3	29.8	15.9	29.8	54.3	81.2	109	125	131	125	109	81.2	54.3	29.8	15.9
135	116	112	94.9	72.0	49.8	28.9	17.2	28.9	49.8	72.0	94.9	112	116	112	94.9	72.0	49.8	28.9	17.2
140	103	98.9	82.5	63.8	45.5	28.0	18.4	28.0	45.5	63.8	82.5	98.9	103	98.9	82.5	63.8	45.5	28.0	18.4
145	90.0	85.8	71.0	56.8	41.5	27.2	19.8	27.2	41.5	56.8	71.0	85.8	90.0	85.8	71.0	56.8	41.5	27.2	19.8
150	77.8	73.6	60.9	50.0	37.9	26.9	20.9	26.9	37.9	50.0	60.9	73.6	77.8	73.6	60.9	50.0	37.9	26.9	20.9
155	66.3	62.1	52.2	43.6	35.1	26.5	22.0	26.5	35.1	43.6	52.2	62.1	66.3	62.1	52.2	43.6	35.1	26.5	22.0
160	55.3	49.8	44.1	38.5	32.4	26.1	23.0	26.1	32.4	38.5	44.1	49.8	55.3	49.8	44.1	38.5	32.4	26.1	23.0
165	44.6	40.0	36.9	34.0	29.9	25.6	23.8	25.6	29.9	34.0	36.9	40.0	44.6	40.0	36.9	34.0	29.9	25.6	23.8
170	35.2	32.4	31.2	29.8	27.5	25.3	24.4	25.3	27.5	29.8	31.2	32.4	35.2	32.4	31.2	29.8	27.5	25.3	24.4
175	28.3	26.7	26.7	26.3	25.6	25.1	24.9	25.1	25.6	26.3	26.7	26.7	28.3	26.7	26.7	26.3	25.6	25.1	24.9
180	25.2	24.4	24.7	24.9	25.0	25.1	25.1	25.1	25.0	24.9	24.7	24.4	25.2	24.4	24.7	24.9	25.0	25.1	25.1

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:QC
Test Date:2022-06-21

□ Range: 0 - 180DEG
□ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:10.640m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.38V I:0.1482A P:32.584W PF:0.9547 Freq:49.99Hz		
UTHDi:0.20% ITHDi:10.21% KDisp:0.9456 Lamp Flux:4387.2x1 lm		
NAME: NU28-LC-34W-1200K-40H	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Ervan	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) □ (DEG)	285	300	315	330	345													
0	1054	1054	1054	1054	1054													
5	1050	1051	1052	1053	1053													
10	1039	1042	1046	1049	1051													
15	1020	1026	1034	1041	1046													
20	993	1004	1016	1027	1034													
25	959	975	992	1007	1017													
30	917	937	960	979	992													
35	867	893	921	944	960													
40	810	841	874	903	921													
45	745	782	820	853	875													
50	674	716	759	797	822													
55	596	643	692	733	762													
60	513	565	618	663	694													
65	425	481	538	587	620													
70	334	394	454	506	541													
75	242	306	369	423	460													
80	156	222	288	343	382													
85	84.4	154	221	278	316													
90	47.9	114	178	232	269													
95	41.3	99.7	157	205	238													
100	38.5	92.3	145	189	219													
105	36.7	85.6	135	175	203													
110	35.2	79.5	124	161	186													
115	33.6	72.9	114	148	170													
120	32.2	65.9	104	135	155													
125	30.9	59.1	92.1	122	140													
130	29.8	54.3	81.2	109	125													
135	28.9	49.8	72.0	94.9	112													
140	28.0	45.5	63.8	82.5	98.9													
145	27.2	41.5	56.8	71.0	85.8													
150	26.9	37.9	50.0	60.9	73.6													
155	26.5	35.1	43.6	52.2	62.1													
160	26.1	32.4	38.5	44.1	49.8													
165	25.6	29.9	34.0	36.9	40.0													
170	25.3	27.5	29.8	31.2	32.4													
175	25.1	25.6	26.3	26.7	26.7													
180	25.1	25.0	24.9	24.7	24.4													

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:QC
Test Date:2022-06-21

☐ Range: 0 - 180DEG
☐ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:10.640m [K=1.0000]
Remarks: