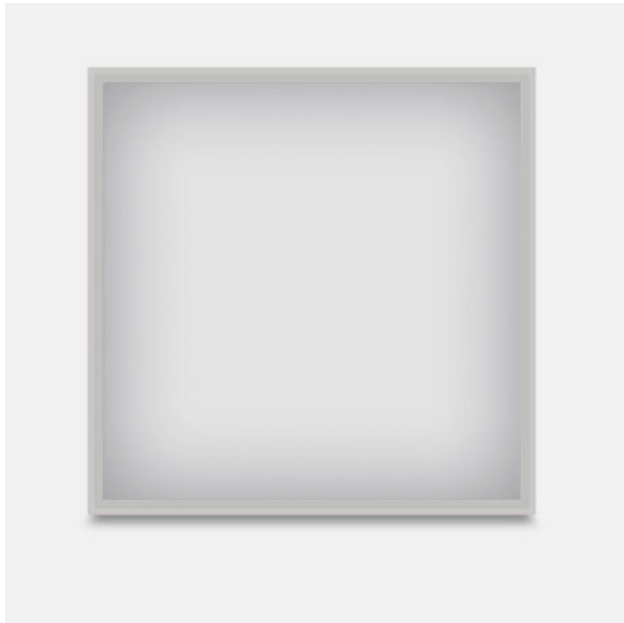


NXTGen 600x600 40W LED Panel Light



Product Description

Upgrade to our incredible range of NXTGEN panel lights for the ultimate in commercial and domestic lighting. With a greater lumens to watts ratio than ever before, these lights are a cost-effective way to get powerful lighting. These Mirrorstone lights have had their life expectancies increased, thanks to their slimmer build, which allows better heat dissipation.

Product Features

Frame	White Gloss
Lumens	3600Lm
Power	40w
Equivalent Wattage	200w
Input Voltage	200- 240v AC
Voltage	27-42v DC
Height (mm)	30mm
Width (mm)	595mm
Length(mm)	595mm
Life Hours	50,000
Beam Angle	120°
Dimmable	Dimmable Options Available
Colour	Warm White (3000K), Cool White (6000K) & Daylight (4000K)
Colour Rendering Index	>80
IP Rating	IP20
Warranty	3 Years
Certification	CE, RoHS
Brand	Mirrorstone



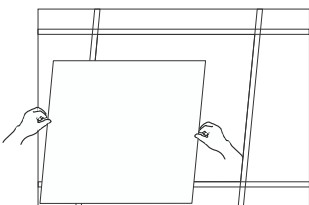
Product is suitable for mounting on flammable material

CE Product complies with all relevant European standards



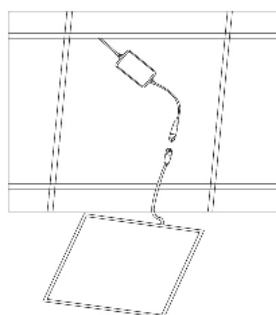
Mounting Instructions

Picture 1.



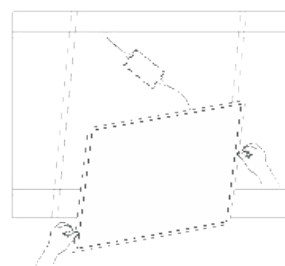
1. Remove ceiling tile. (as picture 1).

Picture 2.



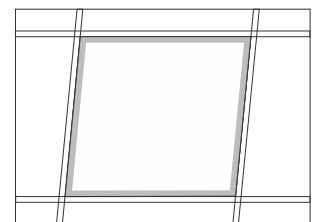
2. Connect the wire. (as picture 2).

Picture 3.



3. Fit the Panel Light into the ceiling grid. (as picture 3).

Picture 4.



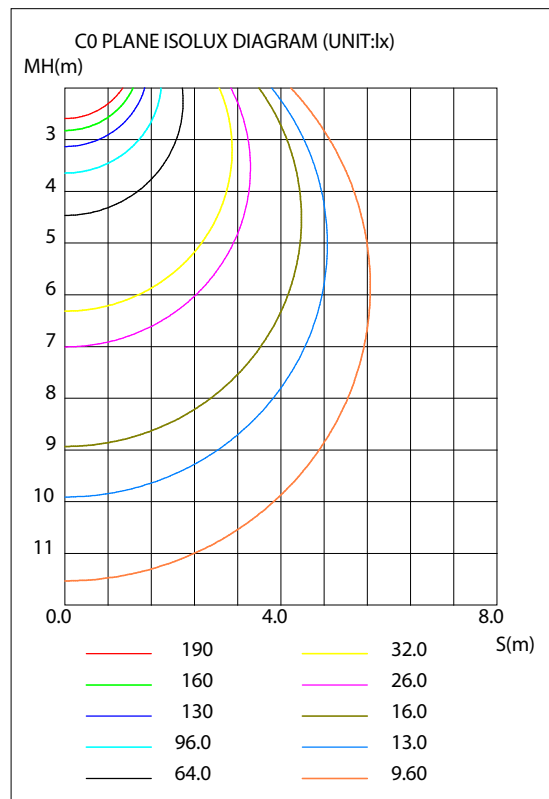
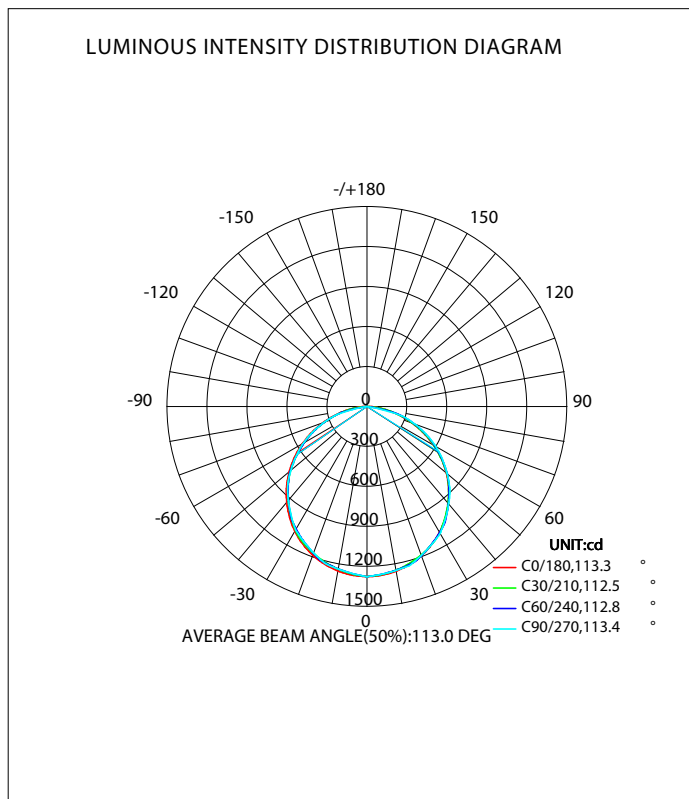
4. After you have installed the panel light, you can connect the mains electric current to use. (as picture 4).

NXTGen 600x600 40W LED Panel Light

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.4V I:0.1790A P:39.60W PF:0.9570 Lamp Flux:3617.13x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 91.34 lm/W
MODEL	Z595X595-40W-CW	Imax(cd)	1277	S/MH(C0/180)	1.27	
NOMINAL POWER(W)	40	LOR(%)	100.0	S/MH(C90/270)	1.27	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	3617.1	ηUP,DN(C0-180)	0.0,50.8	
NOMINAL FLUX(lm)	3617.13	CIE CLASS	DIRECT	ηUP,DN(C180-360)	0.0,49.2	
LAMPS INSIDE	1	ηup(%)	0.0	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	230.4	ηdown(%)	100.0	CIBSE SHR MAX	1.35	



MIRRORSTONE

NXTGen 600x600 40W LED Panel Light

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

y	C0	C45	C90	C135	C180	C225	C270	C315	y	φ zone	φ total	%lum,lamp
5	1272	1264	1263	1264	1271	1260	1258	1261	0- 5	30.32	30.3 2	0.84,0.84
10	1256	1247	1249	1246	1253	1238	1239	1240	5- 10	89.69	120. 0	3.32,3.32
15	1230	1224	1236	1223	1226	1211	1220	1214	10- 15	146.3	266. 3	7.36,7.36
20	1193	1196	1191	1196	1188	1180	1170	1183	15- 20	198.2	464. 5	12.8,12.8
25	1146	1145	1145	1145	1140	1125	1120	1129	20- 25	243.1	707. 5	19.6,19.6
30	1090	1086	1100	1086	1082	1063	1071	1068	25- 30	280.2	987. 8	27.3,27.3
35	1024	1024	1027	1024	1015	997.7	995.1	1004	30- 35	308.4	1296	35.8,35.8
40	949.8	957.6	954.8	956.4	938.5	925.8	919.4	936.0	35- 40	325.6	1622	44.8,44.8
45	867.2	869.0	882.2	868.5	854.6	835.2	843.6	846.6	40- 45	332.4	1954	54,54
50	777.5	779.2	786.8	780.8	762.6	744.6	746.8	757.0	45- 50	328.3	2282	63.1,63.1
55	680.5	688.5	691.5	691.7	666.0	652.8	650.0	665.9	50- 55	312.4	2595	71.7,71.7
60	575.7	580.9	596.2	584.3	563.2	544.2	553.2	559.8	55- 60	286.4	2881	79.7,79.7
65	466.2	475.1	487.6	479.1	455.3	437.6	444.7	455.4	60- 65	250.8	3132	86.6,86.6
70	355.2	367.9	379.1	373.3	347.4	332.6	336.2	349.8	65- 70	206.7	3339	92.3,92.3
75	246.1	259.6	270.6	267.2	242.8	229.0	227.7	243.1	70- 75	157.1	3496	96.6,96.6
80	146.2	135.4	0	143.0	145.0	114.6	0	123.1	75- 80	93.49	3589	99.2,99.2
85	61.90	0	0	0	59.56	0	0	0	80- 85	25.19	3614	99.9,99.9
90	10.38	0	0	0	10.25	0	0	0	85- 90	2.662	3617	100,100
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

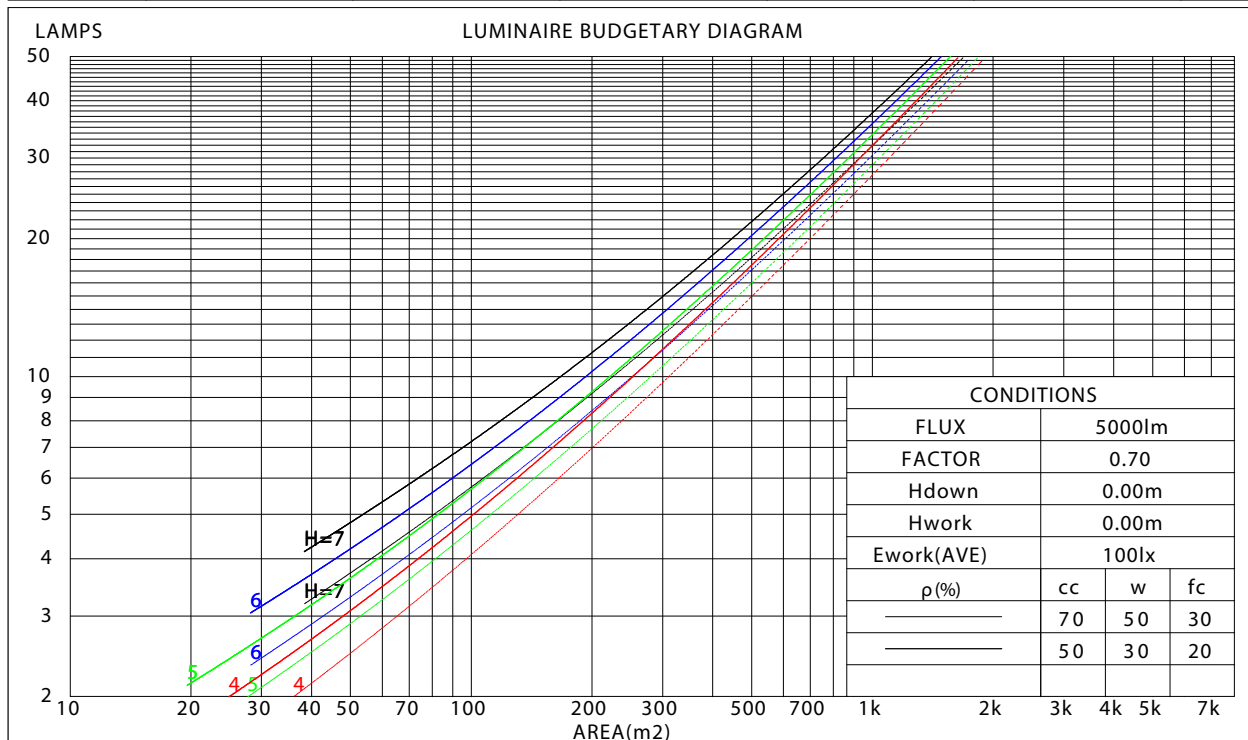
MIRRORSTONE

NXTGen 600x600 40W LED Panel Light

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.4V I:0.1790A P:39.60W PF:0.9570 Lamp Flux:3617.13x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

ρ_{CC}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{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	1.02	1.02	1.02	.00
1.0	1.04	1.00	.97	1.02	.98	.95	.98	.95	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.91	.84	.79	.89	.83	.78	.86	.80	.76	.82	.78	.74	.79	.76	.72	.70
3.0	.80	.72	.65	.78	.71	.65	.75	.69	.63	.72	.67	.62	.70	.65	.61	.59
4.0	.71	.62	.55	.69	.61	.55	.67	.60	.54	.64	.58	.53	.62	.57	.52	.50
5.0	.63	.54	.47	.62	.53	.47	.60	.52	.47	.58	.51	.46	.56	.50	.46	.43
6.0	.57	.48	.41	.56	.47	.41	.54	.46	.41	.52	.45	.40	.51	.45	.40	.38
7.0	.51	.43	.36	.51	.42	.36	.49	.41	.36	.48	.41	.36	.46	.40	.35	.33
8.0	.47	.38	.32	.46	.38	.32	.45	.37	.32	.44	.37	.32	.42	.36	.32	.30
9.0	.43	.35	.29	.42	.34	.29	.41	.34	.29	.40	.33	.29	.39	.33	.29	.27
10.0	.40	.32	.26	.39	.31	.26	.38	.31	.26	.37	.31	.26	.36	.30	.26	.24



NXTGen 600x600 40W LED Panel Light

WEC AND CCEC

Test:U:230.4V I:0.1790A P:39.60W PF:0.9570 Lamp Flux:3617.13x1 lm														
NAME:					TYPE:					WEIGHT:				
DIM.:					SPEC.:					SERIAL No.:				
MFR.: EVERFINE					SUR.:					PROTECTION ANGLE:				

ρ_c	80%			70%			50%			30%			10%			0
ρ_w	50 %	30 %	10%	50 %	30 %	10%	50 %	30 %	10%	50 %	30 %	10%	50 %	30 %	10%	0
ρ_c	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.299	.170	.054	.292	.167	.053	.279	.160	.051	.267	.154	.049	.255	.148	.048	
2.0	.287	.157	.048	.280	.154	.048	.269	.149	.046	.258	.145	.045	.248	.140	.044	
3.0	.267	.142	.043	.262	.140	.042	.251	.136	.041	.242	.133	.041	.233	.129	.040	
4.0	.248	.129	.038	.243	.127	.038	.234	.124	.037	.225	.121	.036	.217	.118	.036	
5.0	.229	.117	.034	.225	.116	.034	.217	.113	.033	.209	.110	.033	.202	.108	.032	
6.0	.213	.107	.031	.209	.106	.030	.202	.103	.030	.195	.101	.030	.189	.099	.030	
7.0	.198	.098	.028	.195	.097	.028	.188	.095	.027	.182	.094	.027	.177	.092	.027	
8.0	.185	.091	.025	.182	.090	.025	.177	.088	.025	.171	.087	.025	.166	.085	.025	
9.0	.174	.084	.023	.171	.083	.023	.166	.082	.023	.161	.081	.023	.156	.079	.023	
10.0	.163	.078	.022	.161	.078	.022	.156	.077	.022	.152	.075	.021	.148	.074	.021	

ρ_c	80%			70%			50%			30%			10%			0
ρ_w	50 %	30 %	10%	50 %	30 %	10%	50 %	30 %	10%	50 %	30 %	10%	50 %	30 %	10%	0
ρ_c	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.180	.156	.135	.154	.134	.116	.105	.092	.080	.060	.053	.047	.019	.017	.015	
2.0	.172	.132	.099	.147	.114	.085	.101	.079	.059	.058	.046	.035	.019	.015	.011	
3.0	.164	.114	.075	.141	.099	.065	.096	.068	.045	.056	.040	.027	.018	.013	.009	
4.0	.156	.101	.059	.134	.087	.051	.092	.061	.036	.053	.036	.021	.017	.012	.007	
5.0	.149	.091	.047	.128	.078	.041	.088	.055	.029	.051	.032	.017	.016	.010	.006	
6.0	.142	.082	.039	.122	.071	.034	.084	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.135	.075	.033	.116	.065	.029	.080	.046	.021	.047	.027	.012	.015	.009	.004	
8.0	.129	.069	.029	.111	.060	.025	.077	.042	.018	.045	.025	.011	.014	.008	.004	
9.0	.123	.065	.025	.106	.056	.022	.073	.039	.016	.043	.023	.009	.014	.008	.003	
10.0	.117	.060	.022	.101	.052	.020	.070	.037	.014	.041	.022	.008	.013	.007	.003	

NXTGen 600x600 40W LED Panel Light

Uncorrected UGR Table

Test:U:230.4V I:0.1790A P:39.60W PF:0.9570 Lamp Flux:3617.13x1 lm										
NAME:					TYPE:			WEIGHT:		
DIM.:					SPEC.:			SERIAL No.:		
MFR.: EVERFINE					SUR.:			PROTECTION 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 = 2 H y = 2H	17.1	18.6	17.4	18.8	19.0	17.3	18.8	17.5	19.0	19.2
3H	18.6	20.0	18.9	20.2	20.5	18.9	20.3	19.2	20.5	20.7
4H	19.2	20.5	19.5	20.8	21.0	19.5	20.8	19.8	21.1	21.3
6H	19.5	20.8	19.9	21.1	21.3	19.6	20.8	19.9	21.1	21.4
8H	19.6	20.8	20.0	21.1	21.4	19.5	20.7	19.9	21.0	21.3
12H	19.7	20.8	20.0	21.1	21.4	19.5	20.6	19.8	20.9	21.2
4 H 2H	17.8	19.1	18.1	19.3	19.6	17.9	19.2	18.2	19.5	19.7
3H	19.4	20.6	19.8	20.9	21.2	19.7	20.8	20.0	21.1	21.4
4H	20.1	21.2	20.5	21.5	21.8	20.4	21.5	20.8	21.8	22.1
6H	20.6	21.5	21.0	21.9	22.2	20.5	21.5	20.9	21.8	22.2
8H	20.7	21.6	21.1	22.0	22.3	20.5	21.4	20.9	21.7	22.1
12H	20.8	21.6	21.2	22.0	22.4	20.5	21.3	20.9	21.6	22.0
8 H 4H	20.4	21.3	20.8	21.7	22.0	20.7	21.6	21.1	21.9	22.3
6H	21.0	21.8	21.5	22.2	22.6	20.9	21.6	21.3	22.0	22.4
8H	21.2	21.9	21.7	22.3	22.8	20.8	21.5	21.3	21.9	22.3
12H	21.4	21.9	21.8	22.4	22.8	20.8	21.3	21.3	21.8	22.2
12 H 4H	20.4	21.2	20.8	21.6	22.0	20.7	21.5	21.1	21.9	22.3
6H	21.0	21.7	21.5	22.1	22.5	20.9	21.5	21.3	21.9	22.4
8H	21.2	21.8	21.7	22.2	22.7	20.8	21.4	21.3	21.8	22.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.1 / - 0.2				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117 Corrected 3617 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.5)

NXTGen 600x600 40W LED Panel Light

UTILIZATION FACTORS TABLE

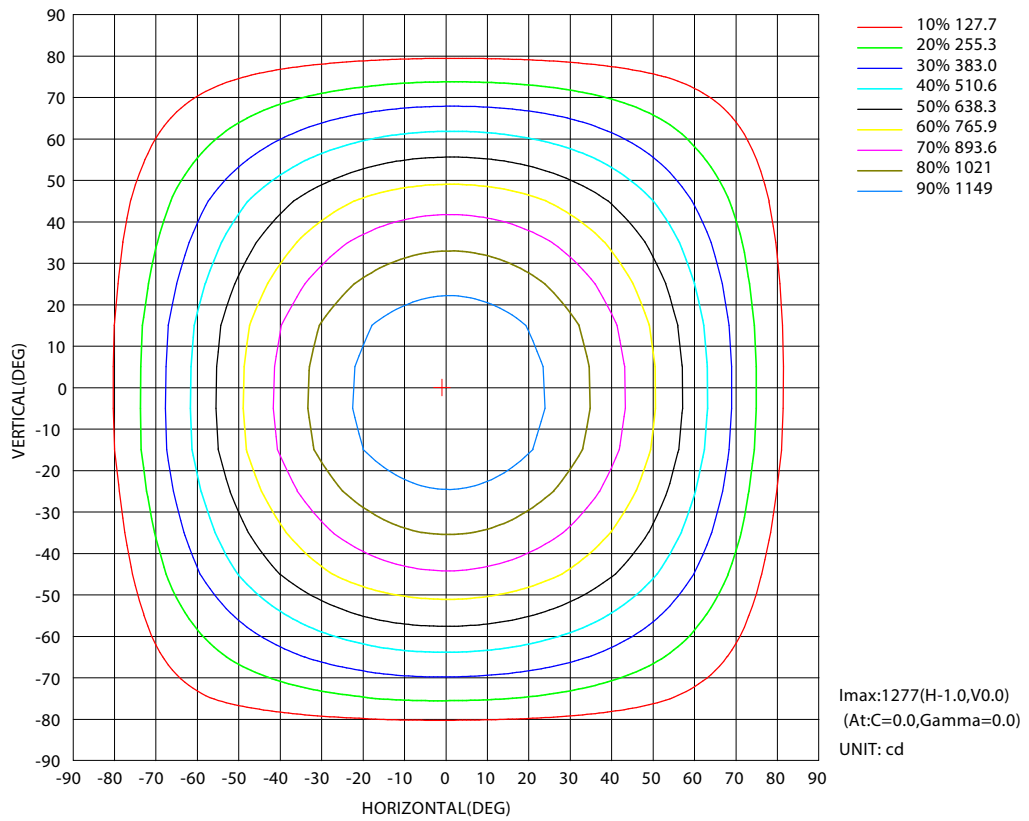
Test:U:230.4V I:0.1790A P:39.60W PF:0.9570 Lamp Flux:3617.13x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

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	58	46	39	57	46	39	56	45	39	32
0.80	68	56	49	67	56	49	65	55	48	41
1.00	76	65	58	75	65	58	73	66	57	50
1.25	83	73	66	82	72	65	79	71	65	57
1.50	88	79	72	87	78	71	84	76	70	63
2.00	95	87	81	94	86	80	90	84	78	71
2.50	99	92	86	97	90	85	93	88	83	75
3.00	103	96	91	101	94	89	97	91	87	79
4.00	107	101	97	104	99	95	100	96	93	84
5.00	109	104	101	107	102	99	102	99	96	87
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

NXTGen 600x600 40W LED Panel Light

ISOCANDELA DIAGRAM

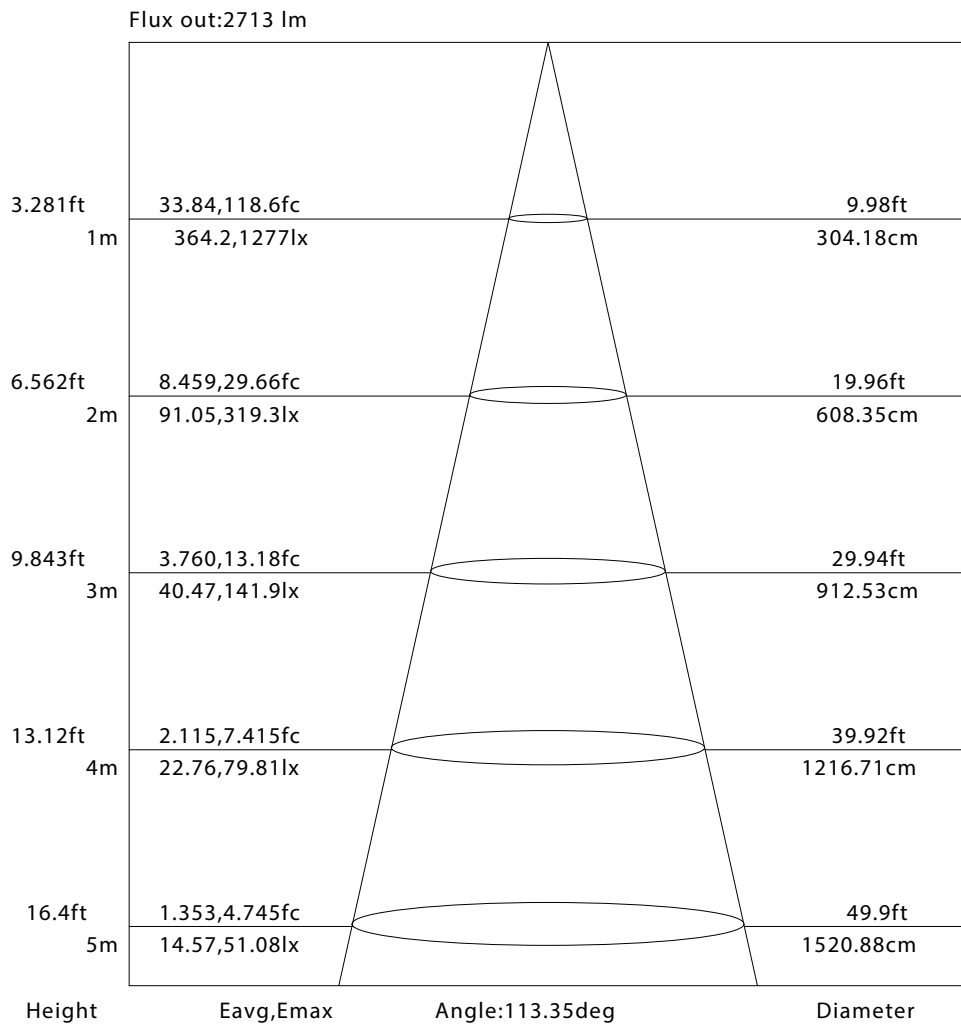
Test:U:230.4V I:0.1790A P:39.60W PF:0.9570 Lamp Flux:3617.13x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:



NXTGen 600x600 40W LED Panel Light

AAI Figure

Test:U:230.4V I:0.1790A P:39.60W PF:0.9570 Lamp Flux:3617.13x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

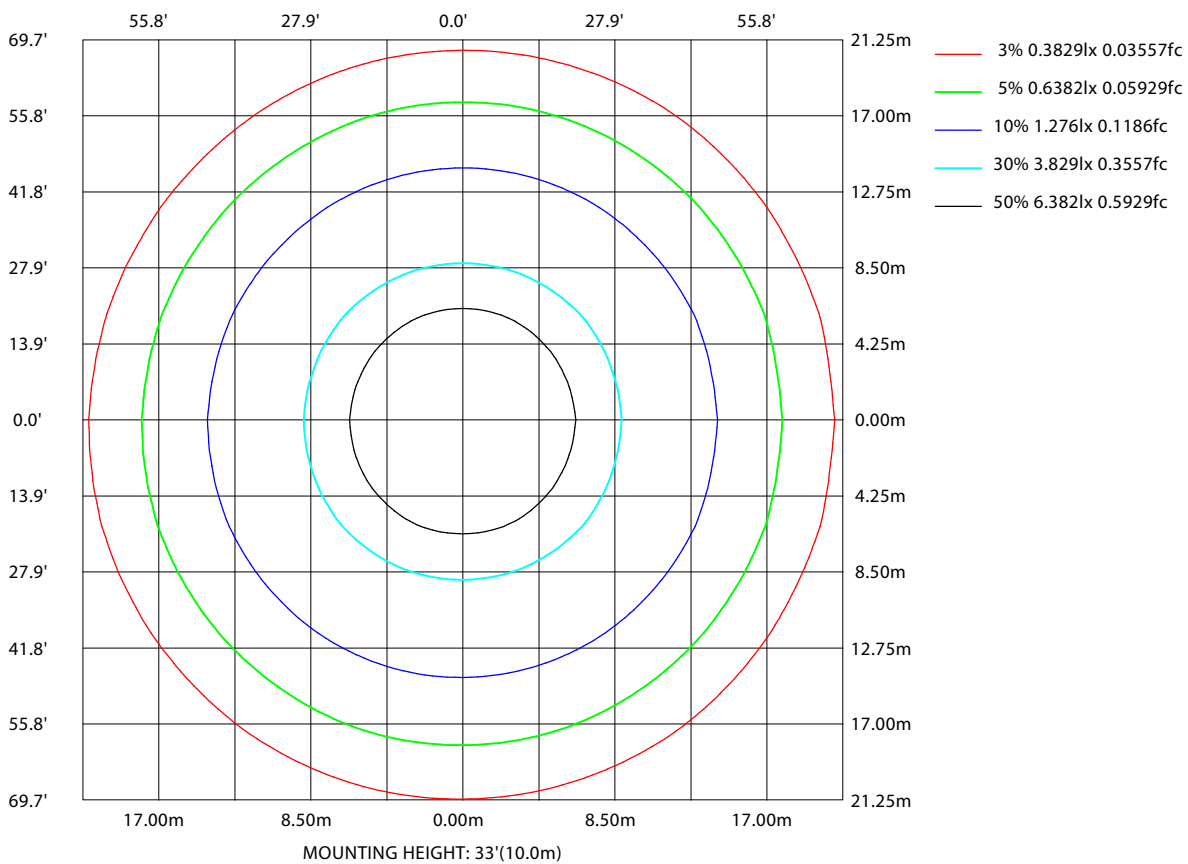


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

NXTGen 600x600 40W LED Panel Light

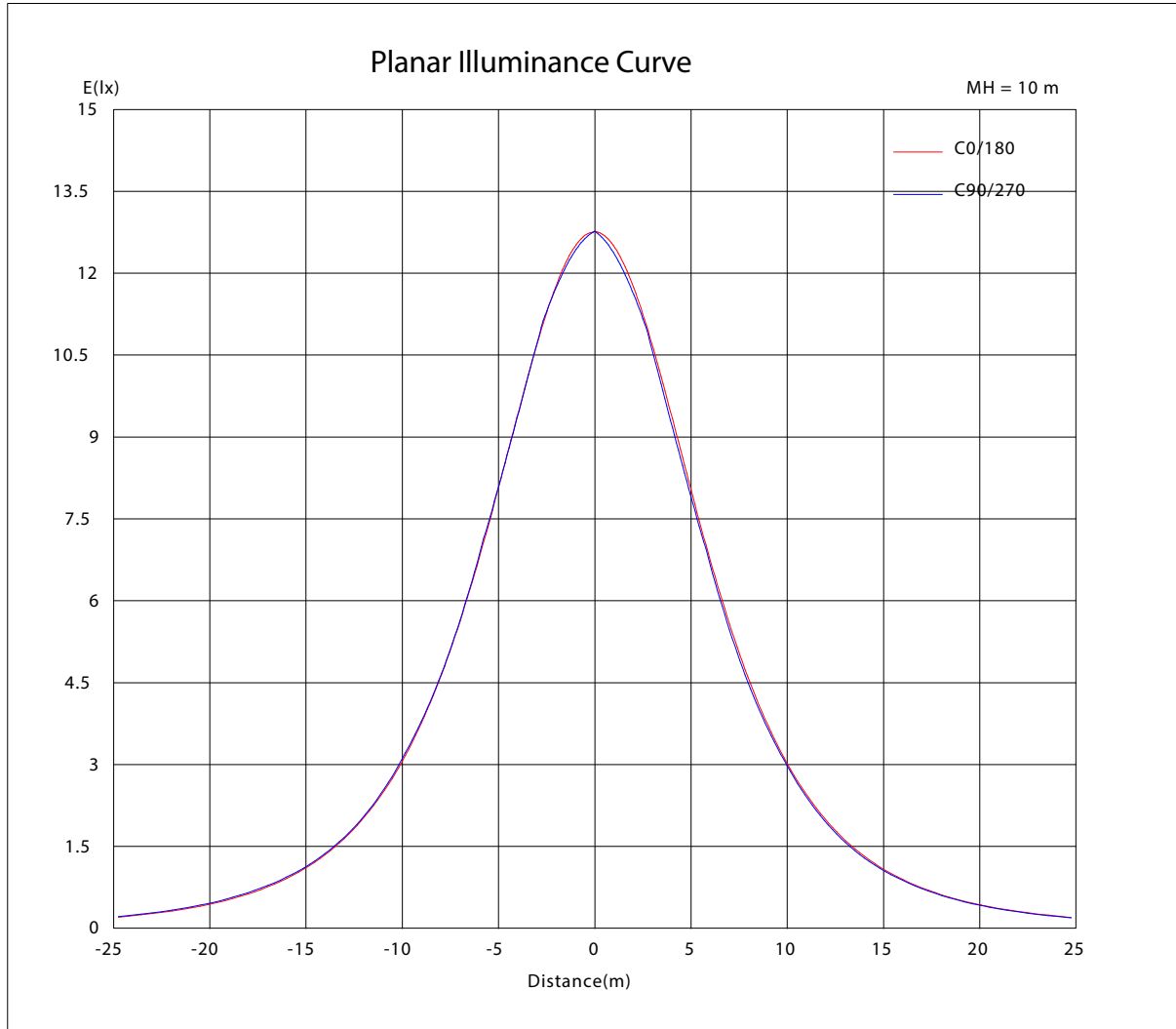
ISOLUX DIAGRAM

Test:U:230.4V I:0.1790A P:39.60W PF:0.9570 Lamp Flux:3617.13x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:



NXTGen 600x600 40W LED Panel Light

Planar Illuminance Curve



MIRRORSTONE

NXTGen 600x600 40W LED Panel Light

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.4V I:0.1790A P:39.60W PF:0.9570 Lamp Flux:3617.13x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

C(DEG) γ(DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277
5	1272	1270	1269	1268	1267	1266	1266	1265	1265	1264	1264	1264	1264	1263	1263	1263	1263	1263	1263
10	1256	1254	1252	1250	1249	1248	1247	1247	1247	1247	1247	1247	1247	1248	1248	1248	1249	1249	1249
15	1230	1226	1224	1222	1221	1221	1221	1221	1222	1224	1226	1227	1229	1231	1233	1234	1235	1236	1236
20	1193	1189	1186	1184	1184	1185	1186	1189	1192	1196	1197	1195	1193	1192	1191	1191	1190	1191	1191
25	1146	1141	1138	1137	1138	1141	1145	1151	1147	1145	1144	1143	1143	1144	1144	1145	1145	1146	1145
30	1090	1084	1081	1081	1084	1089	1091	1088	1086	1086	1087	1089	1092	1094	1096	1098	1099	1100	1100
35	1024	1018	1016	1017	1023	1024	1021	1020	1022	1024	1029	1033	1031	1030	1029	1028	1028	1028	1027
40	950	943	942	946	950	946	946	949	954	958	954	952	952	952	953	953	954	955	955
45	867	860	860	867	864	863	867	875	871	869	869	870	872	874	877	879	881	882	882
50	777	770	772	774	773	777	782	779	778	779	782	787	787	786	786	786	786	787	787
55	681	673	678	675	679	684	680	680	684	688	687	686	686	687	688	689	690	691	691
60	576	569	573	572	580	575	577	583	581	581	582	584	586	588	590	593	595	596	596
65	466	461	461	468	465	467	470	470	472	475	479	482	483	484	485	486	486	487	488
70	355	351	353	353	355	356	358	362	366	368	370	372	373	374	376	377	377	378	379
75	246	242	241	240	242	245	252	255	258	260	261	263	264	266	267	268	269	270	271
80	146	134	126	131	138	145	149	152	154	135	111	88.1	66.8	47.6	31.1	17.7	7.97	2.01	0.00
85	61.9	43.1	47.0	50.4	49.0	26.6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	10.4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

NXTGen 600x600 40W LED Panel Light

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.4V I:0.1790A P:39.60W PF:0.9570 Lamp Flux:3617.13x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEG) y(DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277
5	1263	1263	1263	1263	1263	1263	1263	1263	1264	1264	1264	1265	1266	1266	1267	1268	1269	1271	1269
10	1249	1249	1249	1248	1247	1247	1247	1246	1246	1246	1246	1246	1247	1247	1248	1249	1251	1253	1250
15	1235	1235	1233	1232	1231	1229	1227	1225	1223	1222	1220	1219	1219	1219	1219	1221	1223	1226	1222
20	1191	1191	1190	1191	1192	1193	1194	1197	1196	1192	1188	1185	1183	1181	1181	1182	1185	1188	1183
25	1145	1145	1145	1144	1143	1143	1143	1143	1145	1147	1150	1145	1140	1136	1134	1134	1136	1140	1134
30	1100	1099	1098	1096	1093	1091	1089	1087	1086	1086	1088	1091	1089	1083	1078	1076	1078	1082	1075
35	1028	1028	1028	1029	1030	1031	1033	1028	1024	1021	1020	1020	1023	1021	1013	1010	1010	1015	1007
40	955	955	954	954	954	953	953	954	956	952	947	943	943	947	941	935	934	938	930
45	882	882	880	879	877	875	872	870	868	869	871	863	859	860	864	853	850	855	846
50	787	788	788	790	791	792	790	785	781	777	776	778	771	768	770	766	759	763	754
55	692	692	692	692	691	691	690	690	692	685	680	678	678	672	670	672	663	666	657
60	596	597	596	594	592	590	587	586	584	584	586	578	573	574	568	570	563	563	555
65	488	489	489	489	487	486	486	482	479	476	476	475	471	465	464	460	457	455	450
70	380	381	381	380	378	377	376	375	373	372	368	366	364	362	355	353	353	347	345
75	272	272	272	272	269	269	268	268	267	266	264	261	256	251	245	242	244	243	238
80	2.02	8.08	18.0	31.6	48.2	68.2	91.0	116	143	165	165	163	158	150	141	133	134	145	140
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.9	61.9	61.9	53.5	48.5	59.6	57.6
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.2	0.00

MIRRORSTONE

Data Sheet

NXTGen 600x600 40W LED Panel Light

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.4V I:0.1790A P:39.60W PF:0.9570 Lamp Flux:3617.13x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Table--3

UNIT: cd

C(DEG)\ γ(DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277
5	1267	1266	1265	1263	1262	1261	1261	1260	1259	1259	1258	1258	1258	1258	1258	1258	1258	1258	1257
10	1247	1245	1243	1242	1240	1239	1239	1238	1238	1238	1238	1238	1238	1238	1239	1239	1239	1239	1238
15	1218	1215	1213	1211	1211	1210	1211	1211	1212	1214	1215	1216	1217	1218	1219	1220	1220	1220	1219
20	1178	1175	1174	1173	1174	1175	1177	1180	1180	1176	1174	1173	1171	1171	1170	1170	1170	1170	1171
25	1129	1127	1126	1128	1130	1134	1129	1125	1122	1121	1120	1119	1119	1120	1120	1120	1120	1121	1121
30	1070	1069	1070	1074	1074	1068	1065	1063	1062	1062	1064	1065	1067	1068	1070	1071	1071	1072	1071
35	1003	1003	1007	1006	1000	997	996	998	1000	1002	1000	998	996	995	995	995	995	996	997
40	927	929	931	924	921	921	924	926	922	920	918	918	918	918	919	919	919	920	920
45	844	849	842	838	838	843	838	835	835	835	836	838	839	841	842	843	844	844	844
50	755	755	748	748	750	745	744	745	747	750	750	749	747	747	746	747	747	748	749
55	661	653	651	652	648	647	650	653	650	648	647	647	648	648	649	650	650	651	652
60	557	549	551	546	546	550	547	544	544	544	545	546	548	550	551	552	553	554	555
65	447	444	441	442	442	439	438	438	439	441	441	442	442	443	444	444	445	446	447
70	338	336	337	335	333	332	332	333	333	333	333	334	334	335	335	336	336	337	338
75	234	232	231	229	230	230	230	229	228	228	227	226	226	226	227	227	228	229	230
80	138	135	135	136	135	134	132	115	93.6	74.0	55.9	39.8	26.0	14.9	6.72	1.69	0.00	1.70	6.80
85	55.0	55.4	49.9	25.1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

NXTGen 600x600 40W LED Panel Light

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.4V I:0.1790A P:39.60W PF:0.9570 Lamp Flux:3617.13x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Table--4

UNIT: cd

C(DEG)\ γ(DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277				
5	1258	1258	1258	1259	1260	1260	1261	1261	1262	1263	1264	1266	1267	1268	1270				
10	1239	1239	1239	1239	1239	1239	1240	1240	1241	1242	1244	1245	1248	1250	1253				
15	1219	1218	1217	1216	1215	1214	1214	1213	1213	1213	1215	1216	1218	1221	1225				
20	1172	1173	1174	1177	1179	1182	1183	1180	1178	1177	1177	1178	1180	1183	1187				
25	1121	1122	1122	1123	1125	1126	1129	1132	1138	1134	1132	1131	1131	1134	1139				
30	1070	1070	1069	1069	1068	1067	1068	1070	1073	1078	1079	1076	1075	1077	1082				
35	998	1000	1003	1006	1009	1007	1004	1004	1005	1007	1012	1013	1010	1011	1015				
40	921	922	923	925	927	931	936	935	932	932	934	940	938	937	940				
45	844	844	843	843	843	844	847	851	857	852	851	854	860	855	857				
50	750	752	754	757	758	757	757	758	761	768	765	763	767	767	768				
55	653	654	655	657	659	662	666	665	664	666	673	669	669	673	671				
60	555	555	556	556	557	558	560	563	567	564	565	572	566	569	567				
65	448	450	452	454	456	456	455	456	457	459	459	459	463	459	459				
70	340	341	343	345	347	349	350	351	350	350	350	351	352	351	351				
75	231	233	235	237	239	241	243	245	246	247	244	245	246	246	244				
80	15.2	26.9	41.5	58.7	78.3	99.9	123	143	146	147	148	149	148	149	147				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.5	57.7	64.0	65.2	63.9				
90	0.00	0.00	0.00	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: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2020-09-24

γRange: 0-90DEG
 γInterval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.267
 Humidity: 65.0%
 Test Distance: 8.250m [K=1.0000]
 Remarks: