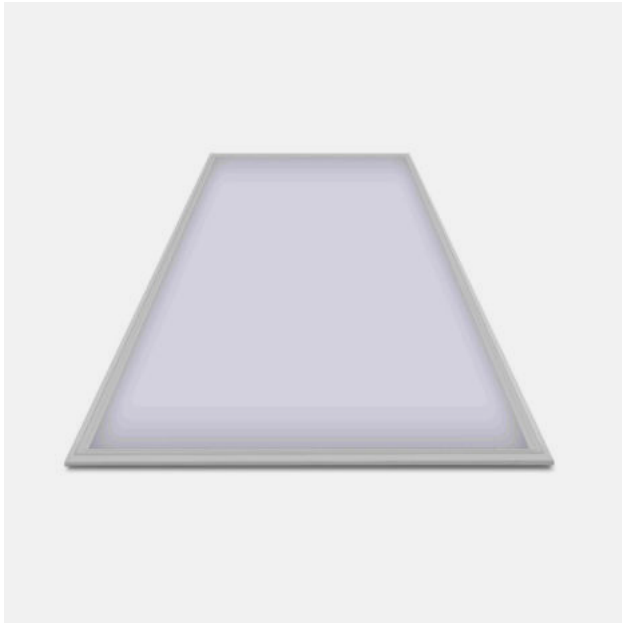


NXTGen 600x1200 60W LED Panel Light



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	6000Lm
Power	60w
Equivalent Wattage	250w
Input Voltage	100-240v AC
Voltage	32-40v DC
Height (mm)	30mm
Width (mm)	595mm
Length(mm)	1195mm
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

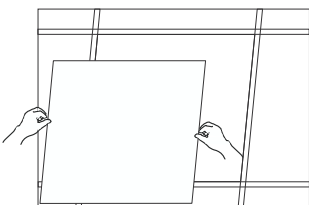


Product complies with all relevant European standards



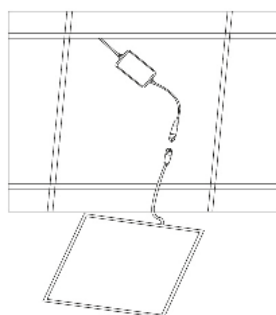
Mounting Instructions

Picture 1.



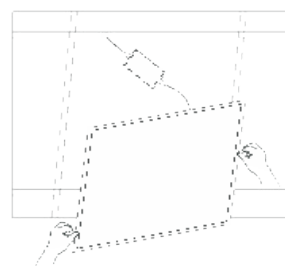
1. Remove ceiling tile. (as picture 1).

Picture 2.



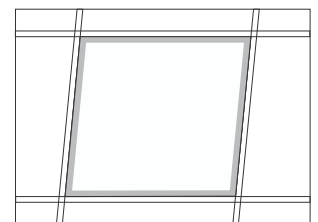
2. Connect the wire. (as picture 2).

Picture 3.



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

Picture 4.



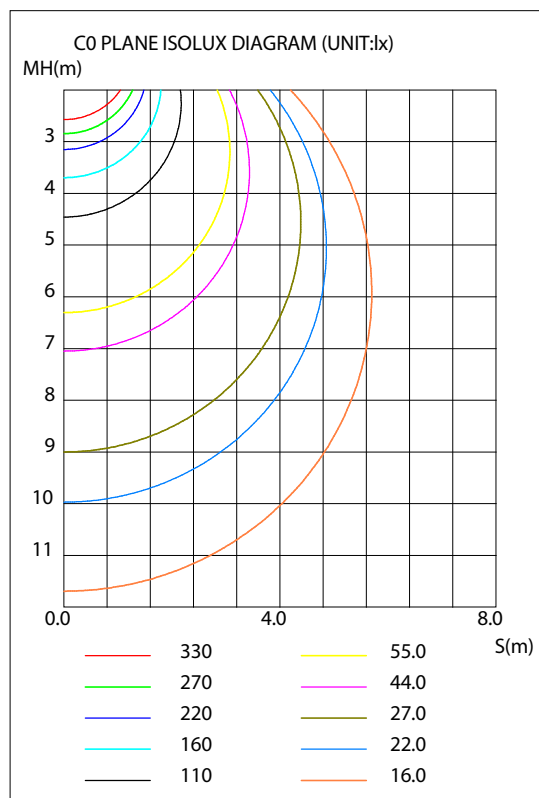
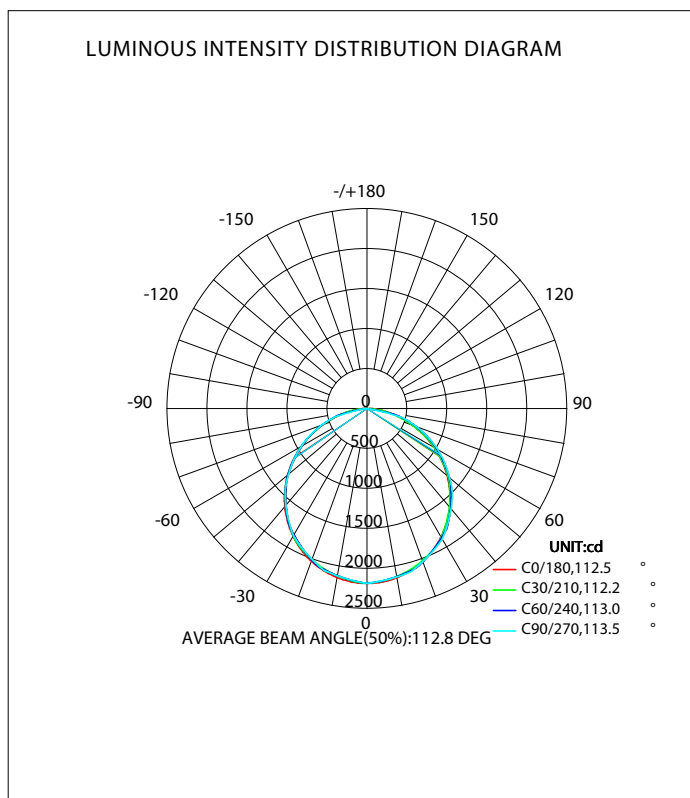
4. After you have installed the panel light, you can connect the mains electric current to use. (as picture 4).

NXTGen 600x1200 60W LED Panel Light

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.5V I:0.2630A P:59.40W PF:0.9770 Lamp Flux:6170.03x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 103.87 lm/W
MODEL	Z595X1195X30-60W-CW	Imax(cd)	2187	S/MH(C0/180)	1.26	
NOMINAL POWER(W)	62	LOR(%)	100.0	S/MH(C90/270)	1.28	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	6170.0	$\eta_{UP,DN}(C0-180)$	0.0,50.7	
NOMINAL FLUX(lm)	6170.03	CIE CLASS	DIRECT	$\eta_{UP,DN}(C180-360)$	0.0,49.3	
LAMPS INSIDE	1	$\eta_{up}(\%)$	0.0	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	230.5	$\eta_{down}(\%)$	100.0	CIBSE SHR MAX	1.35	



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2020-09-22

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

NXTGen 600x1200 60W 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	2178	2166	2164	2165	2177	2160	2156	2160	0- 5	51.95	51.9 5	0.84,0.84
10	2150	2135	2140	2134	2148	2123	2124	2123	5- 10	153.7	205. 6	3.33,3.33
15	2102	2095	2117	2095	2100	2078	2093	2077	10- 15	250.5	456. 1	7.39,7.39
20	2038	2045	2040	2048	2032	2026	2009	2023	15- 20	339.4	795. 5	12.9,12.9
25	1955	1957	1964	1957	1948	1930	1924	1929	20- 25	416.0	1212	19.6,19.6
30	1854	1857	1887	1855	1846	1822	1839	1823	25- 30	479.3	1691	27.4,27.4
35	1741	1750	1763	1746	1732	1710	1709	1713	30- 35	527.1	2218	35.9,35.9
40	1610	1635	1639	1629	1600	1586	1578	1592	35- 40	556.1	2774	45,45
45	1467	1483	1516	1478	1455	1433	1447	1435	40- 45	567.2	3341	54.2,54.2
50	1311	1329	1351	1325	1296	1278	1281	1279	45- 50	559.7	3901	63.2,63.2
55	1145	1175	1187	1171	1131	1121	1115	1120	50- 55	531.9	4433	71.8,71.8
60	967.5	992.4	1023	985.9	952.4	937.7	948.3	938.7	55- 60	486.8	4920	79.7,79.7
65	784.4	814.2	839.8	802.4	767.0	757.3	770.7	761.2	60- 65	425.6	5345	86.6,86.6
70	598.5	635.0	656.8	620.3	580.7	581.6	593.1	585.8	65- 70	350.6	5696	92.3,92.3
75	419.9	454.9	473.7	441.9	402.5	410.7	415.5	413.2	70- 75	266.7	5963	96.6,96.6
80	254.9	243.9	0	235.7	238.6	215.2	0	215.2	75- 80	159.4	6122	99.2,99.2
85	116.9	0	0	0	97.06	0	0	0	80- 85	42.86	6165	99.9,99.9
90	25.38	0	0	0	22.79	0	0	0	85- 90	5.175	6170	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		

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2020-09-22

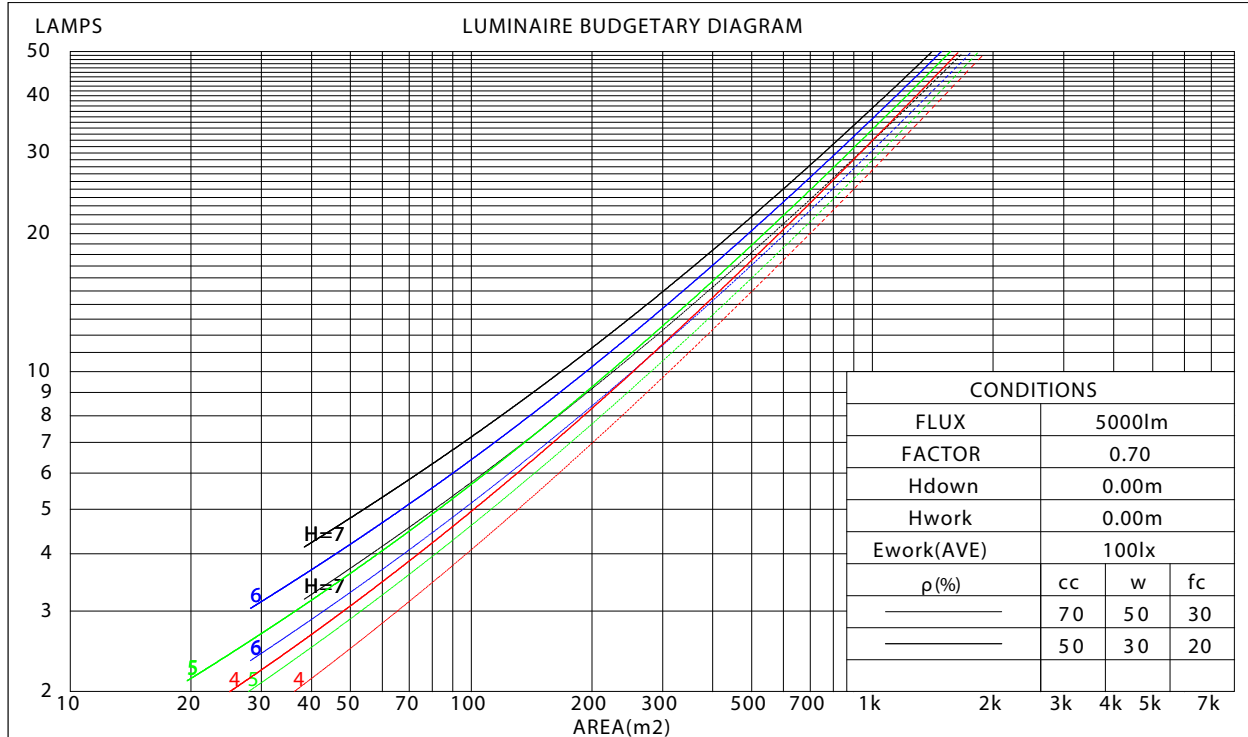
YRange: 0 - 90DEG
 YInterval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.267
 Humidity: 65.0%
 Test Distance: 8.250m [K=1.0000]
 Remarks:

NXTGen 600x1200 60W LED Panel Light

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.5V I:0.2630A P:59.40W PF:0.9770 Lamp Flux:6170.03x1 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	1.00
1.0	1.04	1.00	.97	1.02	.98	.95	.98	.95	.92	.94	.92	.89	.90	.88	.87	.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	.73	.67	.62	.70	.65	.61	.59
4.0	.71	.62	.55	.69	.61	.55	.67	.60	.54	.64	.58	.53	.62	.57	.53	.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	.46	.40	.51	.45	.40	.38
7.0	.51	.43	.36	.51	.42	.36	.49	.42	.36	.48	.41	.36	.46	.40	.36	.34
8.0	.47	.38	.32	.46	.38	.32	.45	.37	.32	.44	.37	.32	.42	.36	.32	.30
9.0	.43	.35	.29	.42	.35	.29	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.26	.39	.32	.26	.38	.31	.26	.37	.31	.26	.36	.30	.26	.24



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2020-09-22

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:

NXTGen 600x1200 60W LED Panel Light

WEC AND CCEC

Test:U:230.5V I:0.2630A P:59.40W PF:0.9770 Lamp Flux:6170.03x1 lm														
NAME:					TYPE:					WEIGHT:				
DIM.:					SPEC.:					SERIAL No.:				
MFR.: EVERFINE					SUR.:					PROTECTION ANGLE:				

ρCC	80%			70%			50%			30%			10%			0
ρw	50 %	30 %	10%	50 %	30 %	10%	50 %	30 %	10%	50 %	30 %	10%	50 %	30 %	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.299	.170	.054	.292	.166	.053	.278	.160	.051	.266	.154	.049	.255	.148	.048	
2.0	.286	.157	.048	.280	.154	.048	.268	.149	.046	.258	.145	.045	.248	.140	.044	
3.0	.267	.142	.043	.261	.140	.042	.251	.136	.041	.242	.132	.041	.233	.129	.040	
4.0	.247	.128	.038	.242	.127	.037	.233	.124	.037	.225	.121	.036	.217	.118	.036	
5.0	.229	.117	.034	.225	.115	.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	.029	
7.0	.198	.098	.028	.195	.097	.028	.188	.095	.027	.182	.093	.027	.177	.092	.027	
8.0	.185	.091	.025	.182	.090	.025	.176	.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	

ρCC	80%			70%			50%			30%			10%			0
ρw	50 %	30 %	10%	50 %	30 %	10%	50 %	30 %	10%	50 %	30 %	10%	50 %	30 %	10%	0
ρfc	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	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2020-09-22

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

NXTGen 600x1200 60W LED Panel Light

Uncorrected UGR Table

Test:U:230.5V I:0.2630A P:59.40W PF:0.9770 Lamp Flux:6170.03x1 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	16.5	18.0	16.8	18.2	18.4	16.8	18.3	17.0	18.5	18.7
3H	17.9	19.3	18.2	19.6	19.8	18.4	19.8	18.7	20.0	20.3
4H	18.5	19.8	18.8	20.1	20.3	19.0	20.4	19.4	20.6	20.9
6H	18.9	20.1	19.2	20.4	20.7	19.1	20.4	19.5	20.6	20.9
8H	19.0	20.2	19.3	20.5	20.7	19.1	20.3	19.4	20.6	20.8
12H	19.0	20.2	19.4	20.5	20.8	19.0	20.2	19.4	20.5	20.8
4 H 2H	17.2	18.5	17.5	18.7	19.0	17.4	18.7	17.7	18.9	19.2
3H	18.8	19.9	19.1	20.2	20.5	19.2	20.3	19.5	20.6	20.9
4H	19.4	20.5	19.8	20.8	21.2	20.0	21.0	20.4	21.4	21.7
6H	19.9	20.9	20.3	21.2	21.6	20.1	21.0	20.5	21.4	21.8
8H	20.1	21.0	20.5	21.3	21.7	20.1	20.9	20.5	21.3	21.7
12H	20.2	21.0	20.6	21.4	21.8	20.0	20.8	20.4	21.2	21.6
8 H 4H	19.8	20.6	20.2	21.0	21.4	20.2	21.1	20.7	21.5	21.9
6H	20.4	21.1	20.9	21.5	22.0	20.4	21.1	20.9	21.5	22.0
8H	20.7	21.3	21.1	21.7	22.2	20.4	21.0	20.8	21.4	21.9
12H	20.9	21.4	21.3	21.8	22.3	20.3	20.9	20.8	21.3	21.8
12 H 4H	19.8	20.6	20.2	20.9	21.3	20.3	21.1	20.7	21.4	21.8
6H	20.4	21.0	20.9	21.5	21.9	20.4	21.1	20.9	21.5	22.0
8H	20.7	21.2	21.1	21.7	22.1	20.4	21.0	20.9	21.4	21.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117 Corrected 6170 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.3)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2020-09-22

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

NXTGen 600x1200 60W LED Panel Light

UTILIZATION FACTORS TABLE

Test:U:230.5V I:0.2630A P:59.40W PF:0.9770 Lamp Flux:6170.03x1 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	66	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	90	97	92	87	79
4.00	107	101	97	104	99	95	100	96	93	84
5.00	109	104	101	107	103	99	102	99	96	87
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004	Suspended						SHRNOM = 1.25			

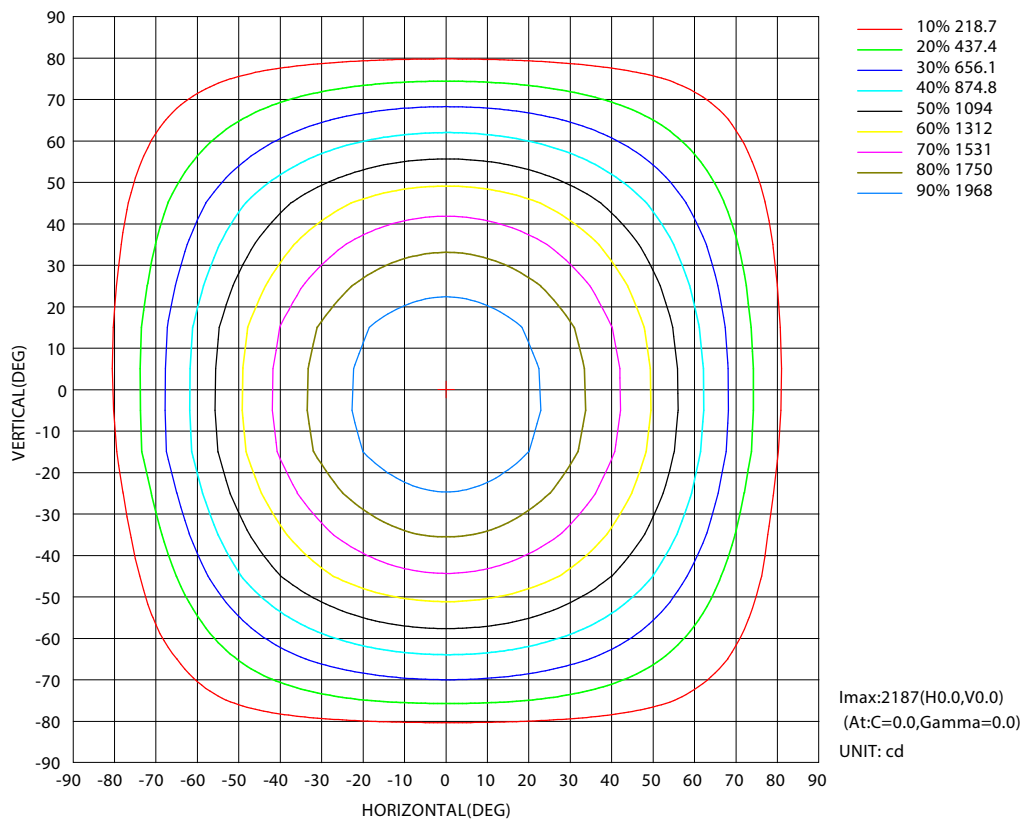
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2020-09-22

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

NXTGen 600x1200 60W LED Panel Light

ISOCANDELA DIAGRAM

Test:U:230.5V I:0.2630A P:59.40W PF:0.9770 Lamp Flux:6170.03x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:



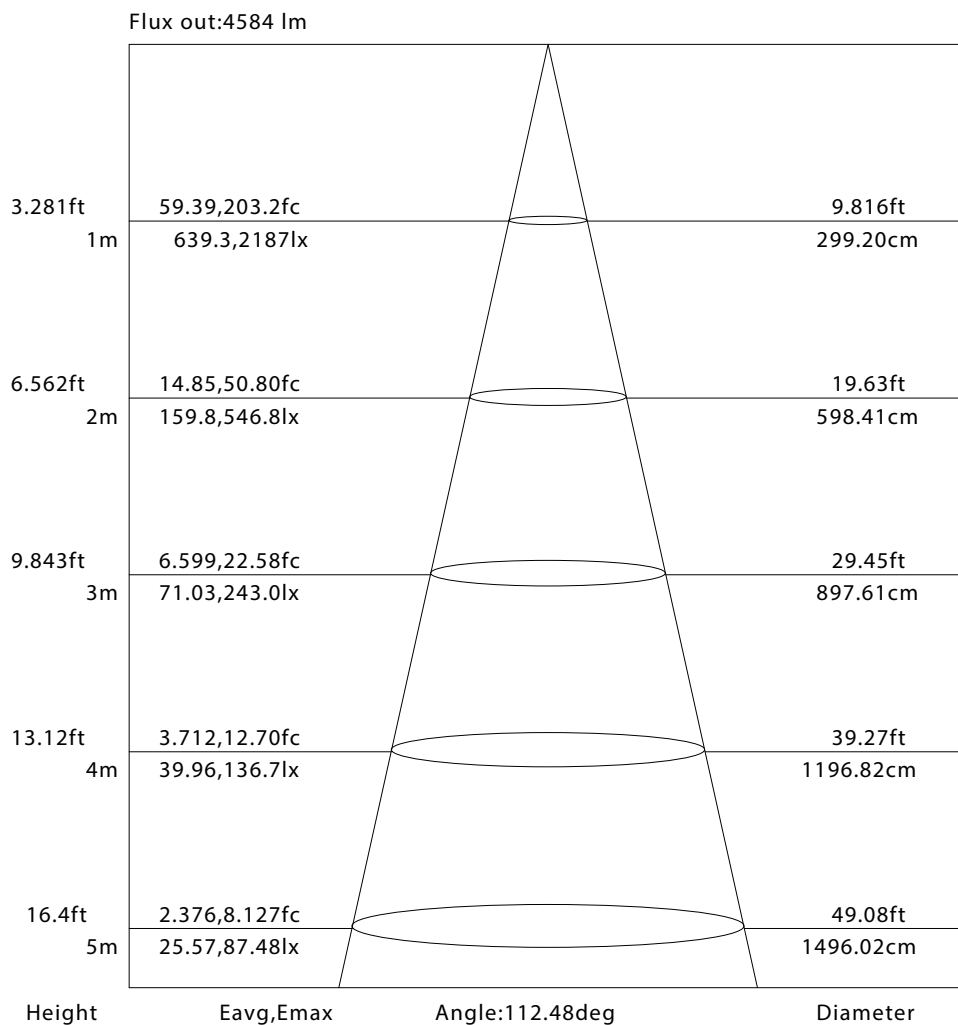
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2020-09-22

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:

NXTGen 600x1200 60W LED Panel Light

AAI Figure

Test:U:230.5V I:0.2630A P:59.40W PF:0.9770 Lamp Flux:6170.03x1 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.

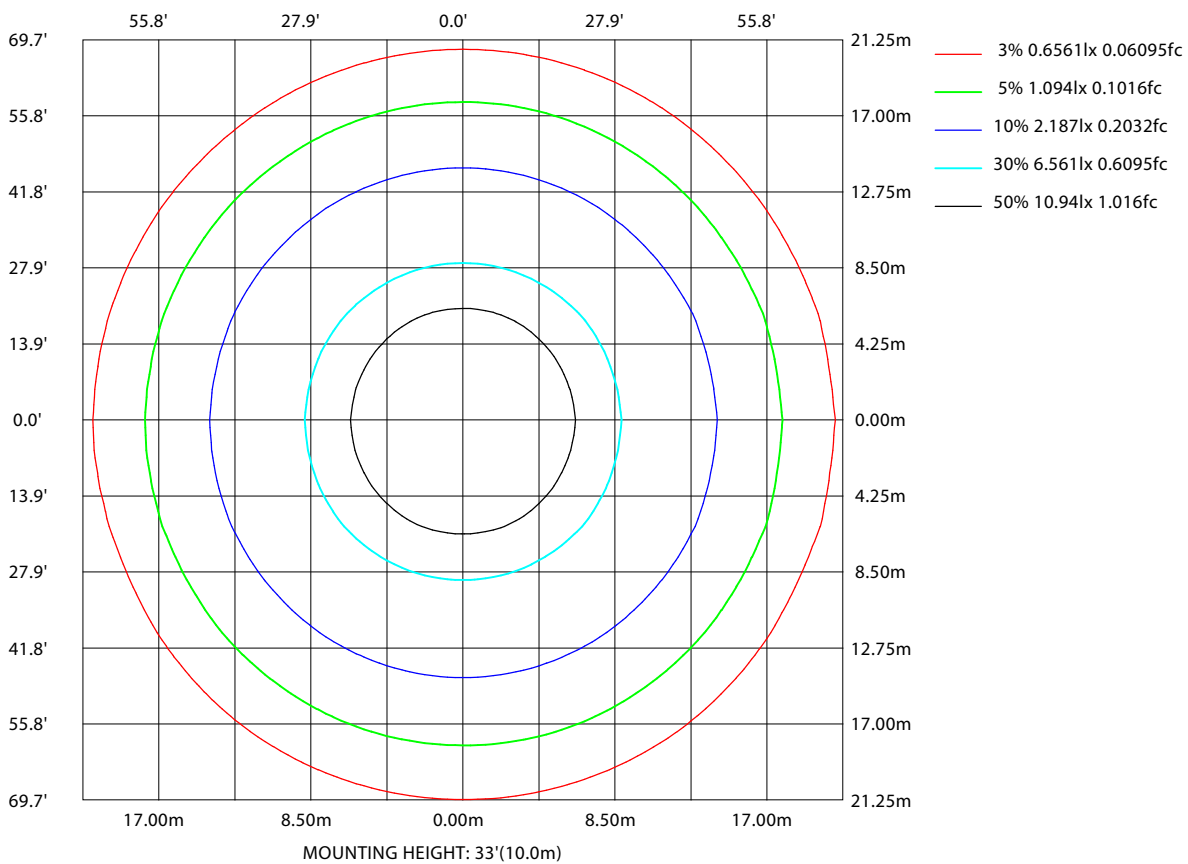
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2020-09-22

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

NXTGen 600x1200 60W LED Panel Light

ISOLUX DIAGRAM

Test:U:230.5V I:0.2630A P:59.40W PF:0.9770 Lamp Flux:6170.03x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

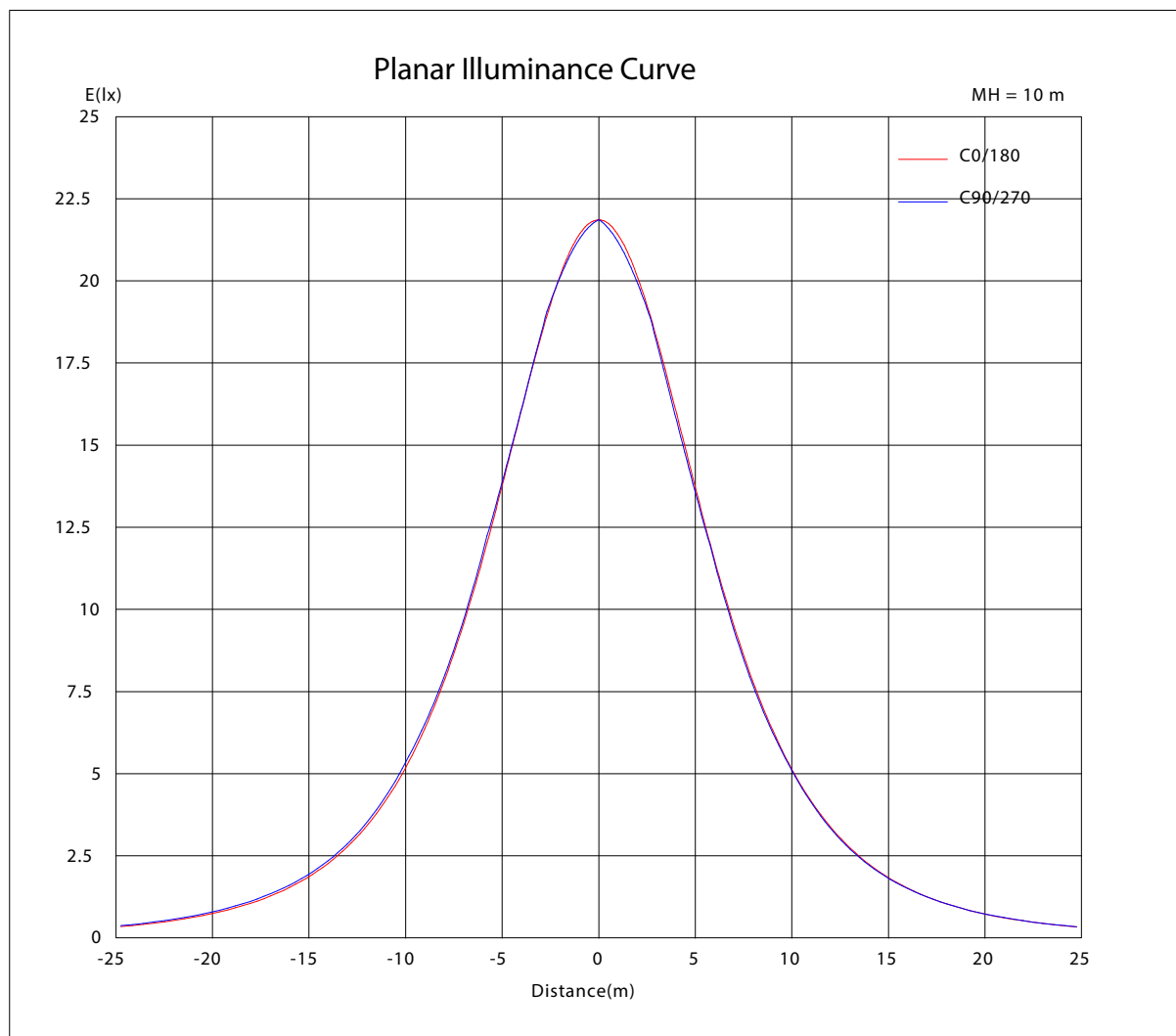


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2020-09-22

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

NXTGen 600x1200 60W LED Panel Light

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2020-09-22

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:

NXTGen 600x1200 60W LED Panel Light

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.5V I:0.2630A P:59.40W PF:0.9770 Lamp Flux:6170.03x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

C(DEG) Y(DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187
5	2178	2176	2174	2172	2171	2169	2168	2167	2167	2166	2165	2165	2164	2164	2164	2163	2163	2163	2164
10	2150	2146	2142	2140	2137	2136	2135	2135	2135	2135	2135	2136	2137	2138	2139	2140	2140	2140	2140
15	2102	2097	2092	2089	2088	2087	2088	2090	2092	2095	2098	2101	2105	2108	2112	2113	2116	2116	2117
20	2038	2031	2026	2023	2022	2024	2027	2032	2039	2045	2048	2045	2042	2041	2041	2041	2040	2041	2040
25	1955	1946	1941	1939	1941	1947	1955	1965	1960	1957	1956	1955	1957	1959	1960	1961	1963	1964	1964
30	1854	1844	1840	1841	1847	1856	1860	1856	1855	1857	1860	1864	1869	1874	1879	1882	1885	1887	1887
35	1741	1730	1726	1730	1739	1743	1739	1740	1744	1750	1759	1769	1767	1765	1764	1764	1763	1763	1763
40	1610	1599	1597	1604	1612	1608	1610	1617	1628	1635	1631	1630	1631	1632	1634	1636	1638	1639	1639
45	1467	1455	1456	1469	1464	1466	1474	1489	1485	1483	1484	1488	1493	1498	1504	1509	1512	1514	1516
50	1311	1299	1304	1309	1308	1318	1329	1324	1325	1329	1337	1346	1349	1349	1350	1351	1351	1351	1351
55	1145	1134	1142	1139	1147	1158	1153	1156	1164	1175	1173	1175	1177	1179	1182	1185	1186	1187	1187
60	968	957	965	965	980	971	976	990	990	992	996	1001	1006	1011	1015	1019	1021	1023	1023
65	784	776	775	785	778	780	791	798	806	814	822	829	832	834	837	839	839	840	840
70	599	594	581	578	577	587	598	611	625	635	641	645	649	651	654	656	656	657	657
75	420	404	384	383	395	408	421	434	445	455	461	465	468	470	471	473	473	474	474
80	255	220	226	233	243	251	260	268	275	244	201	159	120	84.7	55.1	31.4	14.1	3.53	0.00
85	117	99.8	107	109	101	50.5	0.00	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	25.4	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

C Range: 0 - 360DEG C Interval: 5.0DEG Test Speed: HIGH Temperature: 25.3DEG Operators: DAMIN Test Date: 2020-09-22	YRange: 0 - 90DEG YInterval: 0.5DEG Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.267 Humidity: 65.0% Test Distance: 8.250m [K=1.0000] Remarks:
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NXTGen 600x1200 60W LED Panel Light

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.5V I:0.2630A P:59.40W PF:0.9770 Lamp Flux:6170.03x1 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	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187
5	2163	2163	2163	2164	2164	2164	2164	2165	2165	2166	2167	2168	2169	2170	2172	2173	2175	2177	2174
10	2140	2139	2139	2138	2138	2137	2135	2134	2134	2134	2134	2134	2135	2136	2138	2141	2144	2148	2143
15	2116	2115	2113	2111	2107	2105	2101	2098	2095	2091	2089	2087	2087	2087	2088	2091	2094	2100	2092
20	2040	2040	2040	2040	2041	2043	2045	2048	2048	2039	2033	2027	2023	2021	2020	2022	2026	2032	2023
25	1963	1962	1961	1960	1958	1956	1956	1955	1957	1961	1966	1955	1946	1940	1938	1937	1941	1948	1937
30	1886	1884	1881	1877	1871	1866	1862	1858	1855	1854	1856	1861	1857	1846	1839	1836	1838	1846	1835
35	1763	1763	1762	1762	1762	1764	1765	1755	1746	1741	1737	1737	1744	1740	1728	1722	1723	1732	1719
40	1639	1637	1635	1633	1630	1628	1626	1626	1629	1621	1611	1606	1606	1614	1603	1593	1592	1600	1587
45	1514	1512	1508	1503	1498	1491	1485	1481	1478	1478	1480	1467	1461	1461	1468	1452	1447	1455	1442
50	1351	1350	1349	1348	1348	1348	1344	1334	1325	1319	1315	1318	1308	1301	1306	1300	1290	1296	1285
55	1186	1184	1182	1179	1177	1174	1172	1171	1171	1161	1150	1143	1145	1136	1133	1139	1124	1131	1119
60	1021	1019	1015	1011	1006	1001	995	990	986	984	983	965	956	960	950	959	949	952	944
65	839	837	835	832	829	825	820	812	802	793	783	775	761	753	757	760	768	767	763
70	656	654	652	650	646	643	638	631	620	605	589	574	560	548	542	553	587	581	583
75	473	472	470	468	466	462	458	452	442	429	411	390	368	355	342	343	385	402	402
80	3.52	14.0	31.2	54.7	83.9	118	156	196	236	261	249	234	218	203	195	186	188	239	234
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	43.1	85.8	93.0	89.3	85.3	97.1	102
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	22.8	0.00

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2020-09-22

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

NXTGen 600x1200 60W LED Panel Light

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.5V I:0.2630A P:59.40W PF:0.9770 Lamp Flux:6170.03x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Table--3

UNIT: cd

C(DEG) Y(DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187
5	2172	2169	2167	2165	2164	2162	2161	2160	2159	2158	2157	2156	2156	2156	2156	2156	2156	2155	2155
10	2138	2134	2131	2128	2126	2125	2124	2123	2122	2122	2123	2123	2123	2123	2123	2124	2124	2124	2124
15	2086	2082	2079	2077	2075	2075	2076	2078	2080	2082	2084	2086	2089	2090	2091	2092	2093	2092	2091
20	2016	2012	2010	2010	2012	2015	2020	2026	2024	2019	2016	2012	2010	2009	2009	2008	2009	2008	2009
25	1931	1928	1927	1930	1936	1944	1936	1930	1926	1924	1922	1922	1922	1922	1923	1923	1924	1923	1923
30	1829	1828	1831	1839	1838	1830	1825	1822	1823	1824	1826	1828	1831	1834	1837	1838	1839	1838	1837
35	1714	1715	1723	1723	1712	1708	1707	1710	1714	1721	1717	1713	1710	1709	1709	1708	1709	1708	1709
40	1584	1589	1595	1582	1578	1579	1584	1586	1581	1578	1576	1576	1576	1577	1577	1577	1578	1578	1577
45	1442	1453	1441	1435	1436	1444	1437	1433	1431	1433	1435	1438	1441	1444	1446	1447	1447	1447	1445
50	1290	1290	1280	1280	1285	1278	1276	1278	1282	1288	1288	1284	1283	1282	1281	1281	1281	1281	1281
55	1128	1117	1114	1116	1111	1111	1115	1121	1117	1114	1113	1112	1113	1113	1114	1114	1115	1115	1114
60	949	938	942	936	938	946	941	938	937	937	939	941	943	945	946	948	948	948	948
65	760	759	755	759	761	757	756	757	760	763	765	766	768	769	769	770	771	771	771
70	575	574	578	578	576	576	578	582	584	586	588	590	591	592	592	593	593	593	593
75	397	402	400	399	402	405	407	411	412	414	414	415	415	415	415	416	416	415	415
80	237	238	240	243	244	244	244	215	176	138	104	74.0	48.2	27.5	12.3	3.09	0.00	3.09	12.3
85	101	104	95.5	47.3	0.00	0.00	0.00	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

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2020-09-22

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

NXTGen 600x1200 60W LED Panel Light

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.5V I:0.2630A P:59.40W PF:0.9770 Lamp Flux:6170.03x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Table--4

UNIT: cd

C(DEG) y(DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187				
5	2156	2156	2157	2157	2158	2159	2160	2161	2163	2164	2166	2168	2170	2172	2175				
10	2124	2123	2123	2123	2123	2123	2123	2124	2126	2127	2129	2132	2135	2140	2144				
15	2090	2088	2085	2083	2081	2079	2077	2076	2076	2076	2077	2079	2083	2088	2095				
20	2009	2010	2012	2014	2018	2022	2023	2018	2015	2012	2010	2012	2015	2020	2028				
25	1922	1922	1922	1922	1923	1926	1929	1935	1942	1935	1930	1928	1930	1934	1943				
30	1835	1833	1830	1827	1825	1823	1823	1825	1830	1837	1838	1832	1830	1833	1841				
35	1710	1712	1715	1719	1723	1717	1713	1709	1710	1712	1721	1722	1716	1717	1725				
40	1577	1576	1576	1577	1580	1585	1592	1588	1582	1581	1584	1593	1590	1588	1594				
45	1443	1440	1437	1435	1434	1433	1435	1442	1451	1442	1439	1443	1452	1445	1450				
50	1282	1282	1284	1287	1286	1281	1279	1279	1284	1294	1288	1285	1293	1293	1294				
55	1114	1113	1113	1113	1114	1116	1120	1116	1114	1117	1128	1122	1122	1130	1128				
60	946	945	943	941	939	939	939	941	945	941	943	955	947	952	951				
65	770	769	768	768	767	764	761	760	760	763	762	764	772	767	770				
70	592	592	591	590	589	587	586	584	582	580	581	582	584	586	588				
75	415	415	415	414	414	414	413	412	411	409	407	405	406	411	409				
80	27.4	48.1	73.9	104	138	176	215	247	249	249	249	248	244	246	247				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.7	98.3	109	110	110				
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: 2020-09-22

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