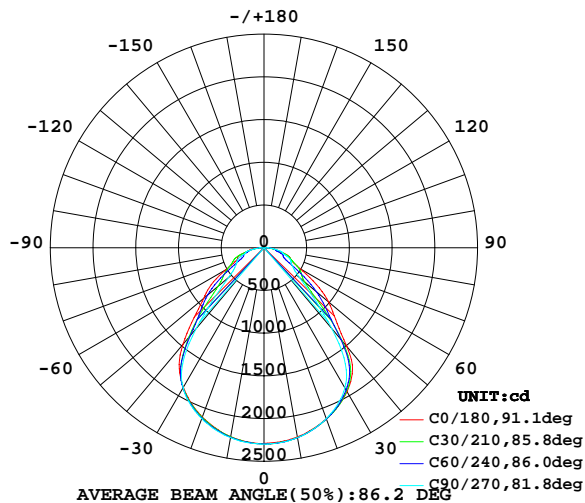


LUMINAIRE PHOTOMETRIC TEST REPORT

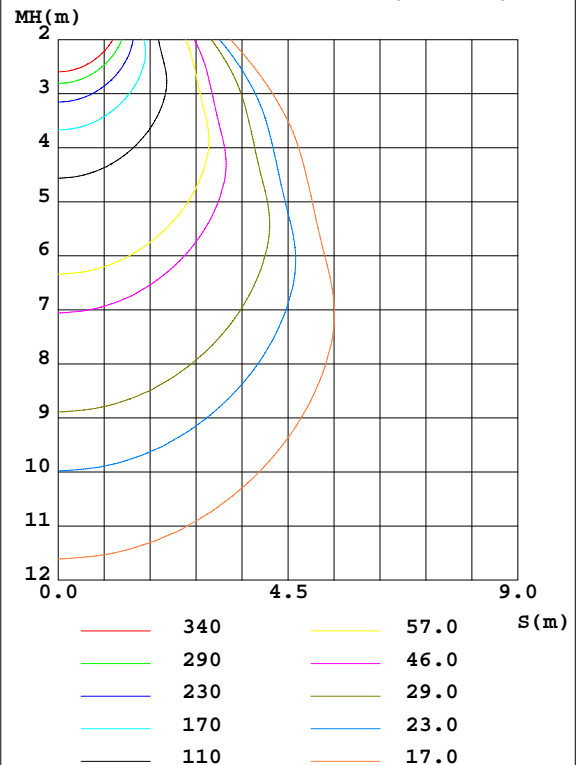
Test:U:220.0V I:0.2297A P:39.78W PF:0.9525 Lamp Flux:4804.33x1 lm		
NAME: 3012BL	TYPE:LED	WEIGHT:
SPEC.:PL-30120BL-40S-120LM/W-4000K-UGR	DIM.: 1195*295	SERIAL No.:
MFR.: JT	SUR.:1.195*0.295	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 120.78 lm/W			
MODEIPL	1203040NWBL UGR<19	Imax(cd)	2299	S/MH(C0/180)	1.23
NOMINAL POWER(W)	40	LOR(%)	100.0	S/MH(C90/270)	1.18
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	4804.3	η UP,DN(C0-180)	0.1,49.9
NOMINAL FLUX(lm)	4804.33	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.1,49.9
LAMPS INSIDE	1	η up(%)	0.2	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220	η down(%)	99.8	CIBSE SHR MAX	1.25

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LFL
Test Date:2022-06-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:25.0%
Test Distance:7.560m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	2249	2256	2255	2250	2245	2250	2255	2256	0- 10	217.1	217.1	4.52,4.52
20	2132	2135	2130	2117	2109	2117	2130	2135	10- 20	620.5	837.6	17.4,17.4
30	1944	1929	1895	1893	1887	1893	1895	1929	20- 30	935.4	1773	36.9,36.9
40	1512	1413	1236	1355	1475	1355	1236	1413	30- 40	1058	2831	58.9,58.9
50	987.7	712.5	542.9	782.7	923.7	782.7	542.9	712.5	40- 50	784.1	3615	75.2,75.2
60	485.5	389.2	371.1	445.4	518.9	445.4	371.1	389.2	50- 60	514.7	4130	86,86
70	317.4	273.1	280.1	304.4	327.5	304.4	280.1	273.1	60- 70	340.4	4470	93,93
80	137.6	133.9	160.9	158.8	173.9	158.8	160.9	133.9	70- 80	232.3	4703	97.9,97.9
90	13.05	10.42	12.47	12.16	21.09	12.16	12.47	10.42	80- 90	91.87	4794	99.8,99.8
100	0.4764	0.5654	0.5401	0.4968	0.4668	0.4968	0.5401	0.5654	90-100	1.310	4796	99.8,99.8
110	0.8028	0.8282	0.8496	0.8101	0.8118	0.8101	0.8496	0.8282	100-110	0.6987	4796	99.8,99.8
120	1.198	1.219	1.281	1.236	1.243	1.236	1.281	1.219	110-120	1.004	4797	99.9,99.9
130	1.660	1.692	1.780	1.736	1.727	1.736	1.780	1.692	120-130	1.322	4799	99.9,99.9
140	2.128	2.165	2.257	2.203	2.210	2.203	2.257	2.165	130-140	1.515	4800	99.9,99.9
150	2.509	2.603	2.633	2.596	2.568	2.596	2.633	2.603	140-150	1.501	4802	99.9,99.9
160	2.949	3.056	3.005	2.975	3.013	2.975	3.005	3.056	150-160	1.290	4803	100,100
170	3.344	3.367	3.299	3.283	3.408	3.283	3.299	3.367	160-170	0.8971	4804	100,100
180	3.567	3.463	3.399	3.415	3.581	3.415	3.399	3.463	170-180	0.3235	4804	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

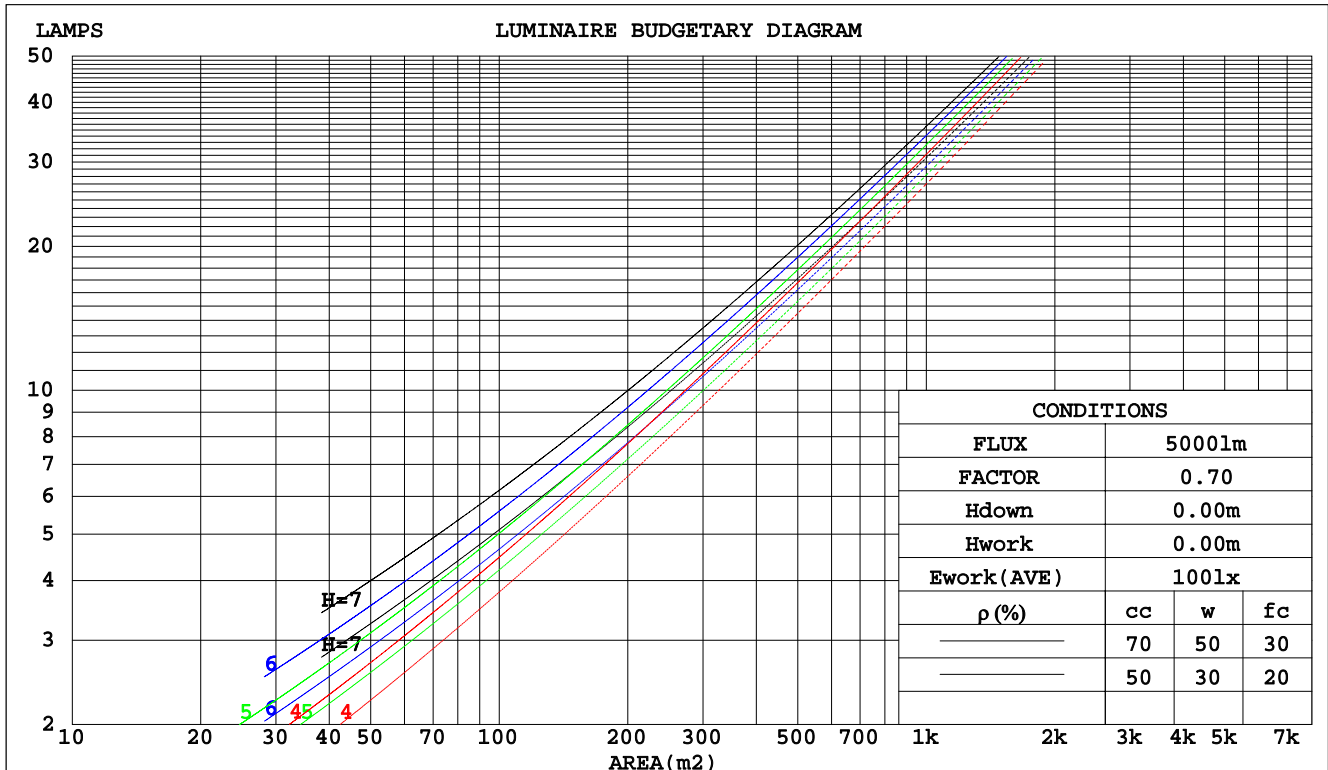
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LFL
 Test Date:2022-06-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:25.0%
 Test Distance:7.560m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.0V I:0.2297A P:39.78W PF:0.9525 Lamp Flux:4804.33x1 lm		
NAME: 3012BL	TYPE:LED	WEIGHT:
SPEC.:PL-30120BL-40S-120LM/W-4000K-UGR	DIM.: 1195*295	SERIAL No.:
MFR.: JT	SUR.:1.195*0.295	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	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	1.06	1.02	.98	1.03	.90	.97	.99	.96	.94	.95	.93	.91	.92	.90	.88	.86
2.0	.94	.88	.83	.92	.87	.82	.89	.84	.80	.85	.81	.78	.82	.79	.76	.74
3.0	.84	.77	.71	.83	.76	.70	.80	.74	.69	.77	.72	.68	.74	.70	.67	.65
4.0	.76	.68	.62	.74	.67	.61	.72	.66	.61	.70	.64	.60	.68	.63	.59	.57
5.0	.69	.60	.54	.68	.60	.54	.65	.59	.54	.64	.58	.53	.62	.57	.52	.51
6.0	.63	.54	.48	.62	.54	.48	.60	.53	.48	.58	.52	.47	.57	.51	.47	.45
7.0	.57	.49	.44	.56	.49	.43	.55	.48	.43	.54	.47	.43	.52	.47	.42	.41
8.0	.53	.45	.39	.52	.44	.39	.51	.44	.39	.50	.43	.39	.48	.43	.39	.37
9.0	.49	.41	.36	.48	.41	.36	.47	.40	.36	.46	.40	.35	.45	.39	.35	.34
10.0	.45	.38	.33	.45	.38	.33	.44	.37	.33	.43	.37	.32	.42	.36	.32	.31



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LFL
Test Date:2022-06-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:25.0%
Test Distance:7.560m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:220.0V I:0.2297A P:39.78W PF:0.9525 Lamp Flux:4804.33x1 lm		
NAME: 3012BL	TYPE:LED	WEIGHT:
SPEC.:PL-30120BL-40S-120LM/W-4000K-UGR	DIM.: 1195*295	SERIAL No.:
MFR.: JT	SUR.:1.195*0.295	Shielding Angle:

pcc	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	.275	.156	.050	.268	.153	.049	.255	.146	.047	.242	.140	.045	.231	.134	.043	
2.0	.257	.141	.043	.251	.138	.043	.240	.133	.041	.229	.129	.040	.219	.124	.039	
3.0	.239	.127	.038	.234	.125	.038	.224	.121	.037	.215	.118	.036	.206	.114	.035	
4.0	.223	.116	.034	.218	.114	.034	.209	.111	.033	.201	.108	.033	.193	.105	.032	
5.0	.207	.106	.031	.203	.104	.030	.195	.102	.030	.188	.099	.030	.181	.097	.029	
6.0	.194	.097	.028	.190	.096	.028	.183	.094	.027	.177	.092	.027	.171	.090	.027	
7.0	.182	.090	.025	.179	.089	.025	.172	.087	.025	.166	.085	.025	.161	.084	.025	
8.0	.171	.084	.024	.168	.083	.023	.163	.081	.023	.157	.080	.023	.152	.078	.023	
9.0	.161	.078	.022	.159	.077	.022	.154	.076	.022	.149	.075	.021	.144	.073	.021	
10.0	.153	.073	.020	.150	.073	.020	.146	.071	.020	.141	.070	.020	.137	.069	.020	

pcc	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	.192	.192	.192	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.179	.158	.139	.154	.136	.119	.105	.093	.083	.060	.054	.048	.019	.017	.016	
2.0	.169	.134	.104	.145	.115	.090	.099	.080	.063	.057	.046	.037	.018	.015	.012	
3.0	.160	.116	.080	.137	.100	.070	.094	.069	.049	.054	.040	.029	.017	.013	.009	
4.0	.152	.102	.064	.130	.088	.055	.090	.061	.039	.052	.036	.023	.017	.012	.008	
5.0	.144	.091	.052	.124	.079	.045	.085	.055	.032	.049	.032	.019	.016	.011	.006	
6.0	.137	.083	.044	.118	.072	.038	.081	.050	.027	.047	.029	.016	.015	.010	.005	
7.0	.131	.076	.037	.112	.066	.032	.078	.046	.023	.045	.027	.014	.015	.009	.005	
8.0	.125	.070	.032	.107	.061	.028	.074	.043	.020	.043	.025	.012	.014	.008	.004	
9.0	.119	.065	.028	.102	.056	.025	.071	.040	.018	.041	.023	.010	.013	.008	.003	
10.0	.114	.061	.025	.098	.053	.022	.068	.037	.016	.040	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LFL
Test Date:2022-06-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:25.0%
Test Distance:7.560m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.0V I:0.2297A P:39.78W PF:0.9525 Lamp Flux:4804.33x1 lm										
NAME: 3012BL					TYPE:LED			WEIGHT:		
SPEC.:PL-30120BL-40S-120LM/W-4000K-UGR					DIM.: 1195*295			SERIAL No.:		
MFR.: JT					SUR.:1.195*0.295			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	15.0	16.4	15.3	16.6	16.8	13.8	15.2	14.1	15.4	15.6
3H	16.2	17.4	16.5	17.7	17.9	15.0	16.2	15.3	16.5	16.7
4H	16.7	17.9	17.0	18.2	18.4	15.6	16.8	15.9	17.1	17.3
6H	17.1	18.3	17.5	18.5	18.8	16.3	17.5	16.7	17.7	18.0
8H	17.3	18.4	17.6	18.6	18.9	16.6	17.7	17.0	18.0	18.3
12H	17.5	18.5	17.8	18.8	19.1	16.9	17.9	17.2	18.2	18.5
4H 2H	15.2	16.4	15.5	16.7	16.9	14.2	15.4	14.5	15.6	15.9
3H	16.7	17.8	17.1	18.0	18.3	15.5	16.6	15.9	16.9	17.2
4H	17.5	18.4	17.8	18.7	19.0	16.3	17.2	16.7	17.6	17.9
6H	18.0	18.8	18.4	19.2	19.5	17.2	18.0	17.6	18.4	18.7
8H	18.2	19.0	18.6	19.4	19.7	17.6	18.4	18.0	18.7	19.1
12H	18.5	19.2	18.9	19.6	20.0	17.9	18.7	18.4	19.0	19.4
8H 4H	17.6	18.4	18.0	18.8	19.2	16.6	17.4	17.0	17.7	18.1
6H	18.3	19.0	18.8	19.4	19.8	17.7	18.3	18.1	18.7	19.1
8H	18.6	19.2	19.1	19.7	20.1	18.2	18.8	18.7	19.2	19.7
12H	19.0	19.5	19.5	20.0	20.4	18.7	19.2	19.2	19.7	20.1
12H 4H	17.6	18.4	18.1	18.7	19.1	16.6	17.3	17.1	17.7	18.1
6H	18.4	19.0	18.9	19.4	19.9	17.8	18.3	18.2	18.8	19.2
8H	18.8	19.3	19.2	19.7	20.2	18.4	18.9	18.9	19.3	19.8
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.3					+ 0.4 / - 0.4				
1.5H	+ 0.3 / - 0.3					+ 0.4 / - 0.5				
2.0H	+ 0.9 / - 0.4					+ 0.6 / - 0.5				

CIE Pub.117 Corrected 4804 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.5)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LFL
Test Date:2022-06-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:25.0%
Test Distance:7.560m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.0V I:0.2297A P:39.78W PF:0.9525 Lamp Flux:4804.33x1 lm		
NAME: 3012BL	TYPE:LED	WEIGHT:
SPEC.:PL-30120BL-40S-120LM/W-4000K-UGR	DIM.: 1195*295	SERIAL No.:
MFR.: JT	SUR.:1.195*0.295	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) x RCR = 5									
k = 0.60	66	56	50	65	56	50	64	55	50	44
0.80	76	66	59	75	65	59	73	65	59	53
1.00	83	74	67	82	73	67	80	74	67	60
1.25	89	80	74	88	80	74	85	78	73	67
1.50	94	85	79	92	84	79	89	83	78	71
2.00	99	92	86	97	91	86	94	89	84	77
2.50	102	96	91	100	94	90	97	92	88	80
3.00	105	99	94	103	98	93	99	95	91	83
4.00	108	103	99	106	102	98	102	98	95	87
5.00	110	106	103	108	104	101	104	101	98	89
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNOM = 1.25										

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LFL
Test Date:2022-06-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:25.0%
Test Distance:7.560m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:220.0V I:0.2297A P:39.78W PF:0.9525 Lamp Flux:4804.33x1 lm		
NAME: 3012BL	TYPE:LED	WEIGHT:
SPEC.:PL-30120BL-40S-120LM/W-4000K-UGR	DIM.: 1195*295	SERIAL No.:
MFR.: JT	SUR.:1.195*0.295	Shielding Angle:

Conical surface Flux(90deg):

3267.1 lm

%lum = 68.0%

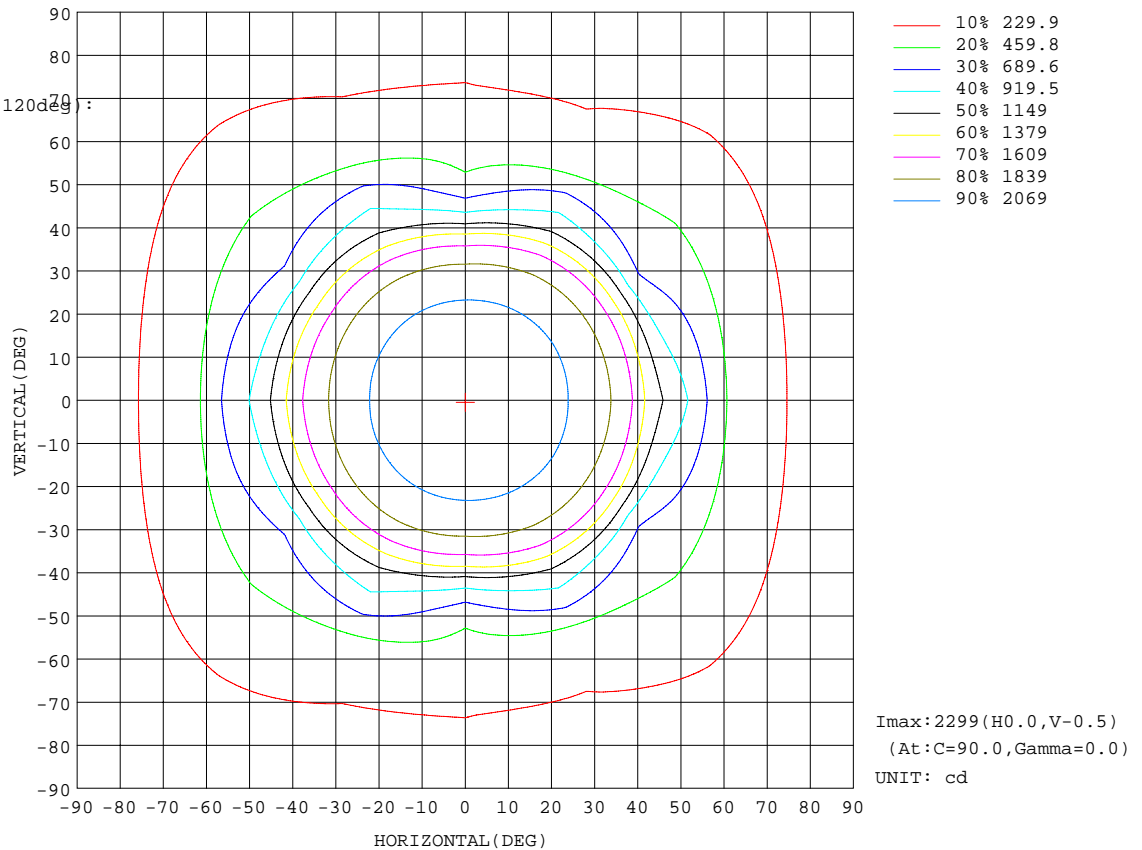
%lamp = 68.0%

Conical surface Flux(120deg):

4129.9 lm

%lum = 86.0%

%lamp = 86.0%

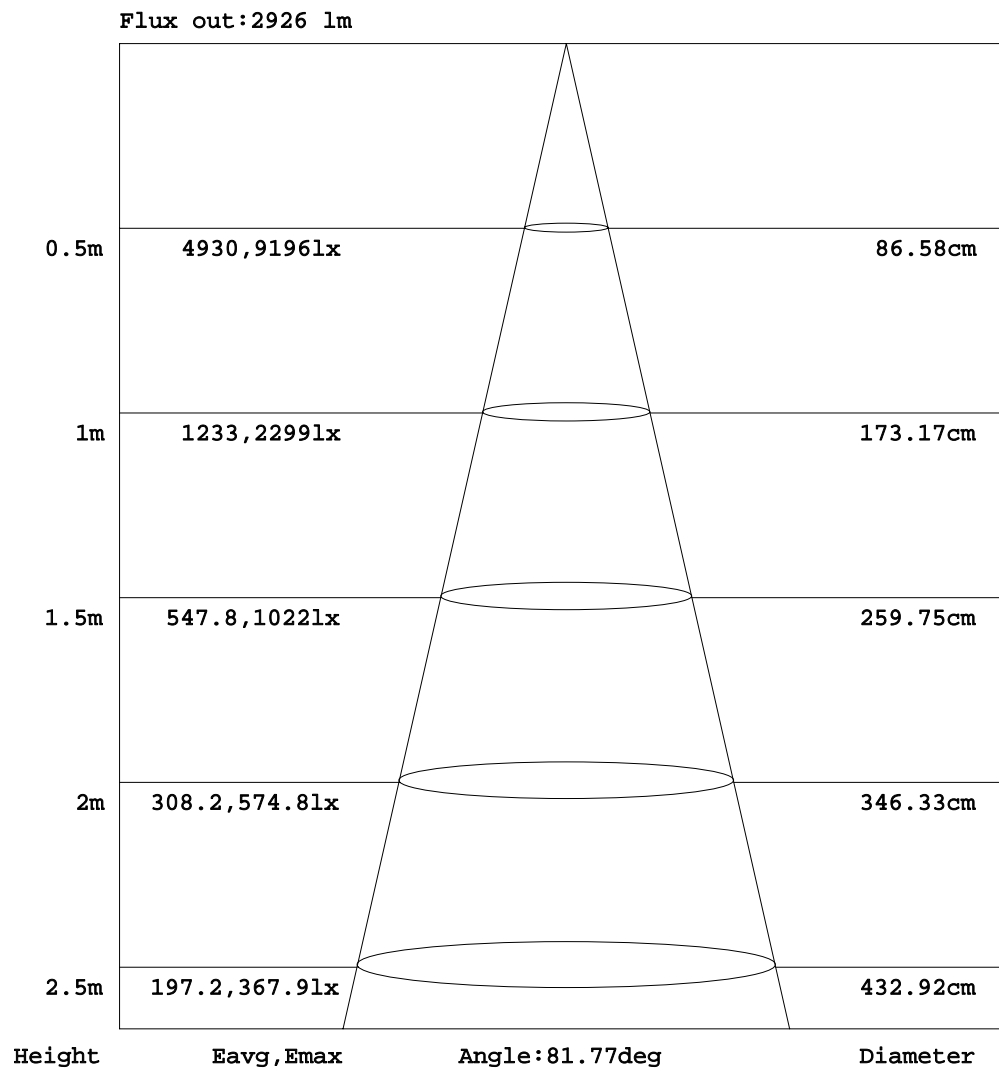


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LFL
Test Date: 2022-06-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity: 25.0%
Test Distance: 7.560m [K=1.0000]
Remarks:

AAI Figure

Test:U:220.0V I:0.2297A P:39.78W PF:0.9525 Lamp Flux:4804.33x1 lm		
NAME: 3012BL	TYPE:LED	WEIGHT:
SPEC.:PL-30120BL-40S-120LM/W-4000K-UGR	DIM.: 1195*295	SERIAL No.:
MFR.: JT	SUR.:1.195*0.295	Shielding Angle:



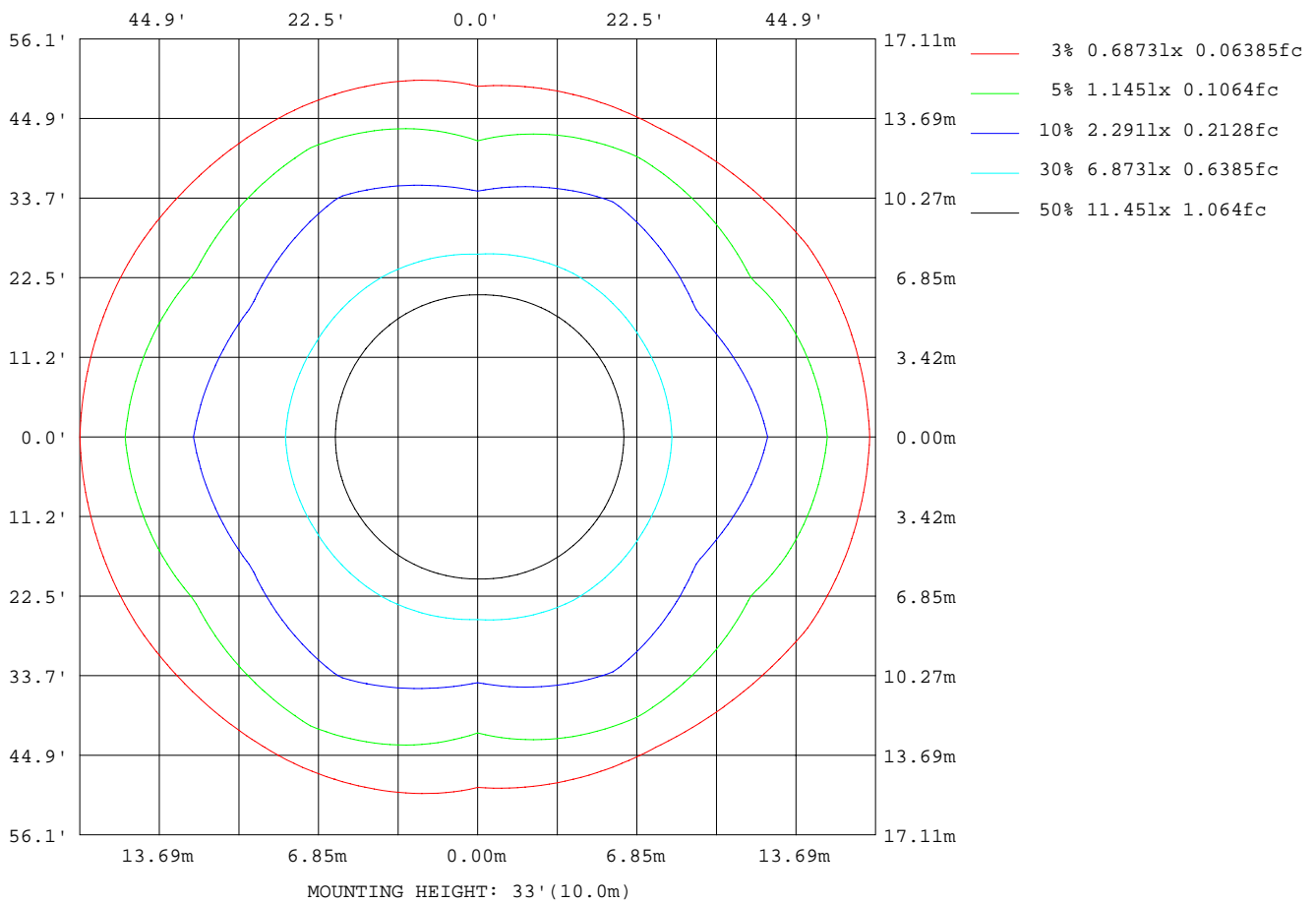
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LFL
 Test Date:2022-06-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:25.0%
 Test Distance:7.560m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:220.0V I:0.2297A P:39.78W PF:0.9525 Lamp Flux:4804.33x1 lm		
NAME: 3012BL	TYPE:LED	WEIGHT:
SPEC.:PL-30120BL-40S-120LM/W-4000K-UGR	DIM.: 1195*295	SERIAL No.:
MFR.: JT	SUR.:1.195*0.295	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LFL
Test Date:2022-06-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:25.0%
Test Distance:7.560m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:220.0V I:0.2297A P:39.78W PF:0.9525 Lamp Flux:4804.33x1 lm		
NAME: 3012BL	TYPE:LED	WEIGHT:
SPEC.:PL-30120BL-40S-120LM/W-4000K-UGR	DIM.: 1195*295	SERIAL No.:
MFR.: JT	SUR.:1.195*0.295	Shielding Angle:

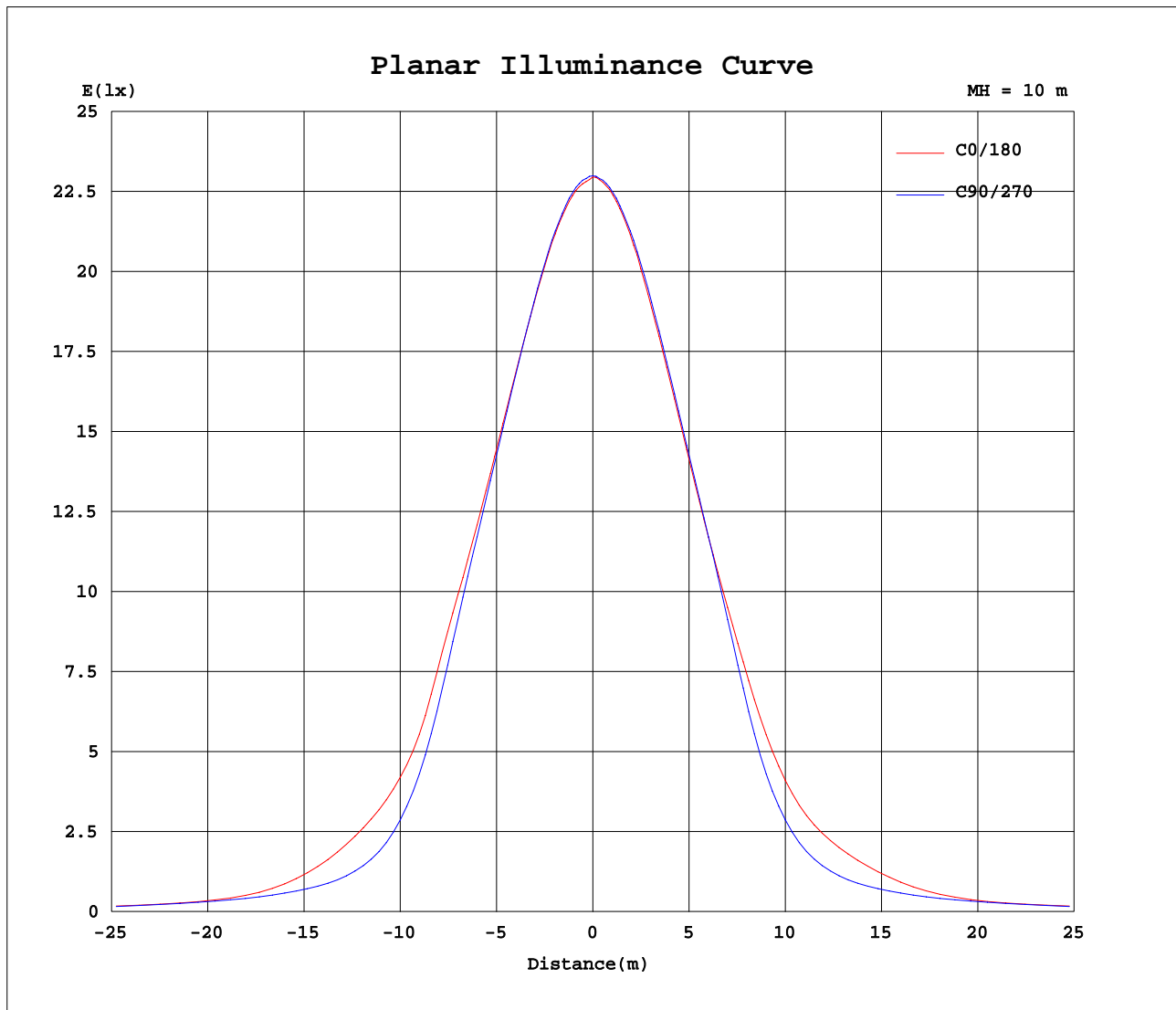
AvgL	cd/m2
L_0~180(65)av	1770
L_0~180(75)av	1867
L_0~180(85)av	2469
L_90~270(65)av	1698
L_90~270(75)av	1807
L_90~270(85)av	1991
L_45(65)av	1599
L_45(75)av	1688
L_45(85)av	1957

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LFL
Test Date:2022-06-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:25.0%
Test Distance:7.560m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LFL
Test Date: 2022-06-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity: 25.0%
Test Distance: 7.560m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.0V I:0.2297A P:39.78W PF:0.9525 Lamp Flux:4804.33x1 lm		
NAME: 3012BL	TYPE:LED	WEIGHT:
SPEC.:PL-30120BL-40S-120LM/W-4000K-UGR	DIM.: 1195*295	SERIAL No.:
MFR.: JT	SUR.:1.195*0.295	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	2290	2296	2298	2299	2298	2294	2295	2294	2298	2299	2298	2296						
5	2279	2285	2288	2289	2284	2281	2282	2281	2284	2289	2288	2285						
10	2249	2255	2258	2255	2253	2246	2245	2246	2253	2255	2258	2255						
15	2198	2202	2205	2206	2198	2191	2187	2191	2198	2206	2205	2202						
20	2132	2135	2135	2130	2121	2114	2109	2114	2121	2130	2135	2135						
25	2050	2051	2044	2031	2025	2017	2011	2017	2025	2031	2044	2051						
30	1944	1936	1922	1895	1895	1892	1887	1892	1895	1895	1922	1936						
35	1802	1771	1747	1661	1699	1699	1729	1699	1699	1661	1747	1771						
40	1512	1424	1401	1236	1341	1368	1475	1368	1341	1236	1401	1424						
45	1187	922	1048	810	1055	994	1160	994	1055	810	1048	922						
50	988	623	802	543	862	703	924	703	862	543	802	623						
55	750	534	528	423	620	581	755	581	620	423	528	534						
60	486	462	316	371	401	490	519	490	401	371	316	462						
65	358	367	250	344	283	409	360	409	283	344	250	367						
70	317	313	233	280	253	356	327	356	253	280	233	313						
75	220	227	160	225	204	256	244	256	204	225	160	227						
80	138	133	135	161	160	158	174	158	160	161	135	133						
85	86.4	68.8	93.4	83.3	93.5	76.8	120	76.8	93.5	83.3	93.4	68.8						
90	13.0	11.9	8.95	12.5	10.3	14.1	21.1	14.1	10.3	12.5	8.95	11.9						
95	0.38	0.42	0.49	0.43	0.37	0.41	0.39	0.41	0.37	0.43	0.49	0.42						
100	0.48	0.51	0.62	0.54	0.49	0.50	0.47	0.50	0.49	0.54	0.62	0.51						
105	0.61	0.65	0.70	0.68	0.63	0.65	0.61	0.65	0.63	0.68	0.70	0.65						
110	0.80	0.82	0.84	0.85	0.78	0.84	0.81	0.84	0.78	0.85	0.84	0.82						
115	0.98	0.99	1.00	1.04	0.98	1.03	1.02	1.03	0.98	1.04	1.00	0.99						
120	1.20	1.21	1.23	1.28	1.21	1.26	1.24	1.26	1.21	1.28	1.23	1.21						
125	1.42	1.45	1.45	1.54	1.46	1.53	1.48	1.53	1.46	1.54	1.45	1.45						
130	1.66	1.71	1.68	1.78	1.68	1.79	1.73	1.79	1.68	1.78	1.68	1.71						
135	1.90	1.97	1.90	2.03	1.91	2.05	1.99	2.05	1.91	2.03	1.90	1.97						
140	2.13	2.21	2.12	2.26	2.13	2.27	2.21	2.27	2.13	2.26	2.12	2.21						
145	2.35	2.41	2.35	2.46	2.35	2.47	2.40	2.47	2.35	2.46	2.35	2.41						
150	2.51	2.62	2.59	2.63	2.57	2.62	2.57	2.62	2.57	2.63	2.59	2.62						
155	2.71	2.86	2.79	2.81	2.79	2.80	2.78	2.80	2.79	2.81	2.79	2.86						
160	2.95	3.11	3.00	3.00	2.95	3.00	3.01	3.00	2.95	3.00	3.00	3.11						
165	3.16	3.32	3.15	3.16	3.12	3.18	3.24	3.18	3.12	3.16	3.15	3.32						
170	3.34	3.46	3.28	3.30	3.24	3.32	3.41	3.32	3.24	3.30	3.28	3.46						
175	3.50	3.52	3.36	3.38	3.33	3.41	3.55	3.41	3.33	3.38	3.36	3.52						
180	3.57	3.53	3.39	3.40	3.38	3.45	3.58	3.45	3.38	3.40	3.39	3.53						

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