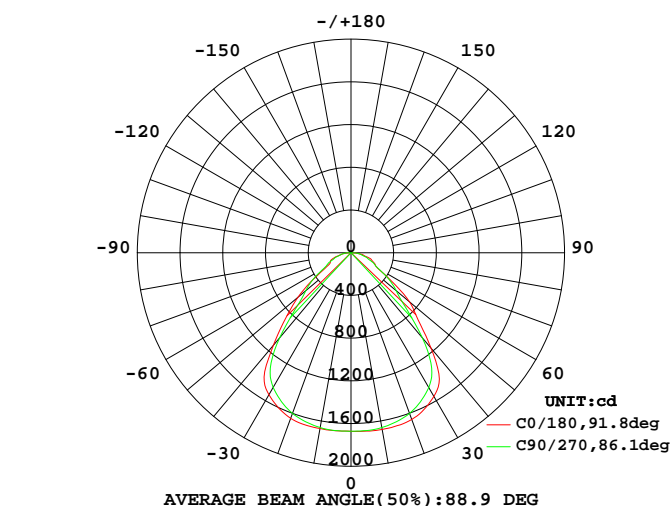


# LUMINAIRE PHOTOMETRIC TEST REPORT

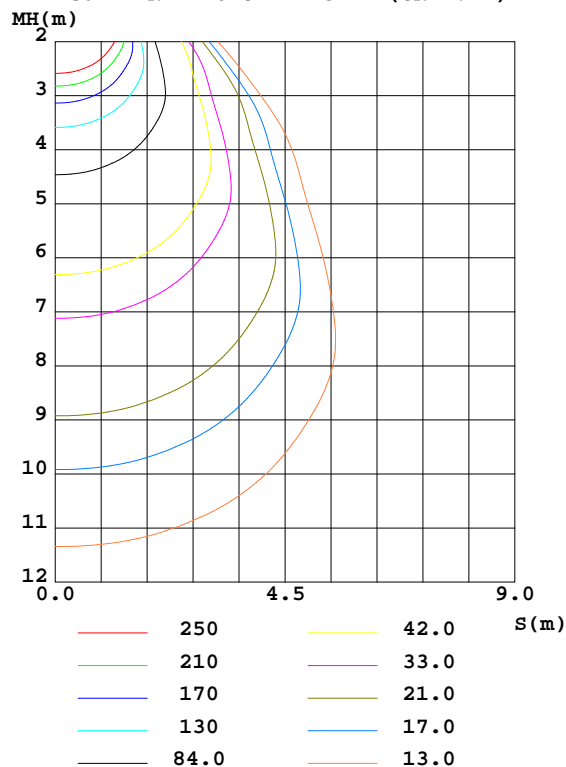
Test:U:220.7V I:0.1720A P:36.74W PF:0.9680 Lamp Flux:3679.59x1 lm		
NAME: Panel light	TYPE:LED	WEIGHT:
SPEC.:3012	DIM.: 1195*295	SERIAL No.:01
MFR.: JT	SUR.:0.295*1.195	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 100.14 lm/W			
MODEL	PL-3012-36D	Imax(cd)	1681	S/MH(C0/180)	1.28
NOMINAL POWER(W)	36	LOR(%)	100.0	S/MH(C90/270)	1.23
RATED VOLTAGE(V)	220-240	TOTAL FLUX(lm)	3679.6	$\eta$ UP,DN(C0-180)	0.1,50.0
NOMINAL FLUX(lm)	3679.59	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	0.1,49.8
LAMPS INSIDE	1	$\eta$ up(%)	0.2	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220	$\eta$ down(%)	99.8	CIBSE SHR MAX	1.30

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



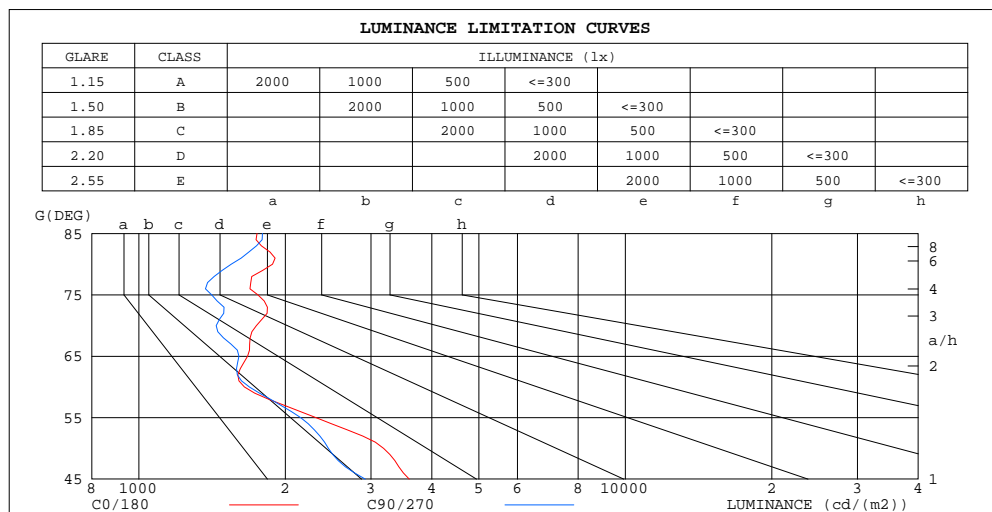
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:ZYP  
 Test Date:2020-05-25

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
 Humidity:25%  
 Test Distance:7.560m [K=0.9788]  
 Remarks:

## ZONAL FLUX DIAGRAM AND LUMINANCE LIMITATION CURVES

### ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\%lum, lamp$
10	1681	1673	1662	1670	1672	1670	1662	1673	0- 10	159.6	159.6	4.34,4.34
20	1662	1633	1601	1626	1650	1626	1601	1633	10- 20	468.4	628.0	17.1,17.1
30	1552	1507	1457	1499	1536	1499	1457	1507	20- 30	726.5	1355	36.8,36.8
40	1167	1084	1038	1043	1131	1043	1038	1084	30- 40	834.9	2189	59.5,59.5
50	716.6	641.0	551.9	615.8	650.3	615.8	551.9	641.0	40- 50	626.1	2815	76.5,76.5
60	288.4	375.0	295.1	341.6	263.3	341.6	295.1	375.0	50- 60	412.3	3228	87.7,87.7
70	208.7	183.6	172.6	169.0	198.0	169.0	172.6	183.6	60- 70	243.3	3471	94.3,94.3
80	114.4	104.1	94.09	94.18	89.84	94.18	94.09	104.1	70- 80	148.2	3619	98.4,98.4
90	3.581	2.008	0.2990	0.3318	0.6106	0.3318	0.2990	2.008	80- 90	53.60	3673	99.8,99.8
100	0.2632	0.2933	0.3063	0.3149	0.2933	0.3149	0.3063	0.2933	90-100	0.3595	3673	99.8,99.8
110	0.4485	0.4832	0.5174	0.5134	0.4959	0.5134	0.5174	0.4832	100-110	0.4323	3674	99.8,99.8
120	0.7676	0.8066	0.8282	0.8496	0.8456	0.8496	0.8282	0.8066	110-120	0.6625	3674	99.9,99.9
130	1.186	1.204	1.212	1.273	1.289	1.273	1.212	1.204	120-130	0.9325	3675	99.9,99.9
140	1.566	1.592	1.596	1.622	1.670	1.622	1.596	1.592	130-140	1.113	3676	99.9,99.9
150	1.907	1.993	1.980	1.968	2.019	1.968	1.980	1.993	140-150	1.133	3678	99.9,99.9
160	2.334	2.399	2.356	2.334	2.450	2.334	2.356	2.399	150-160	1.011	3679	100,100
170	2.748	2.701	2.628	2.654	2.835	2.654	2.628	2.701	160-170	0.7224	3679	100,100
180	2.926	2.814	2.770	2.801	2.934	2.801	2.770	2.814	170-180	0.2645	3680	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



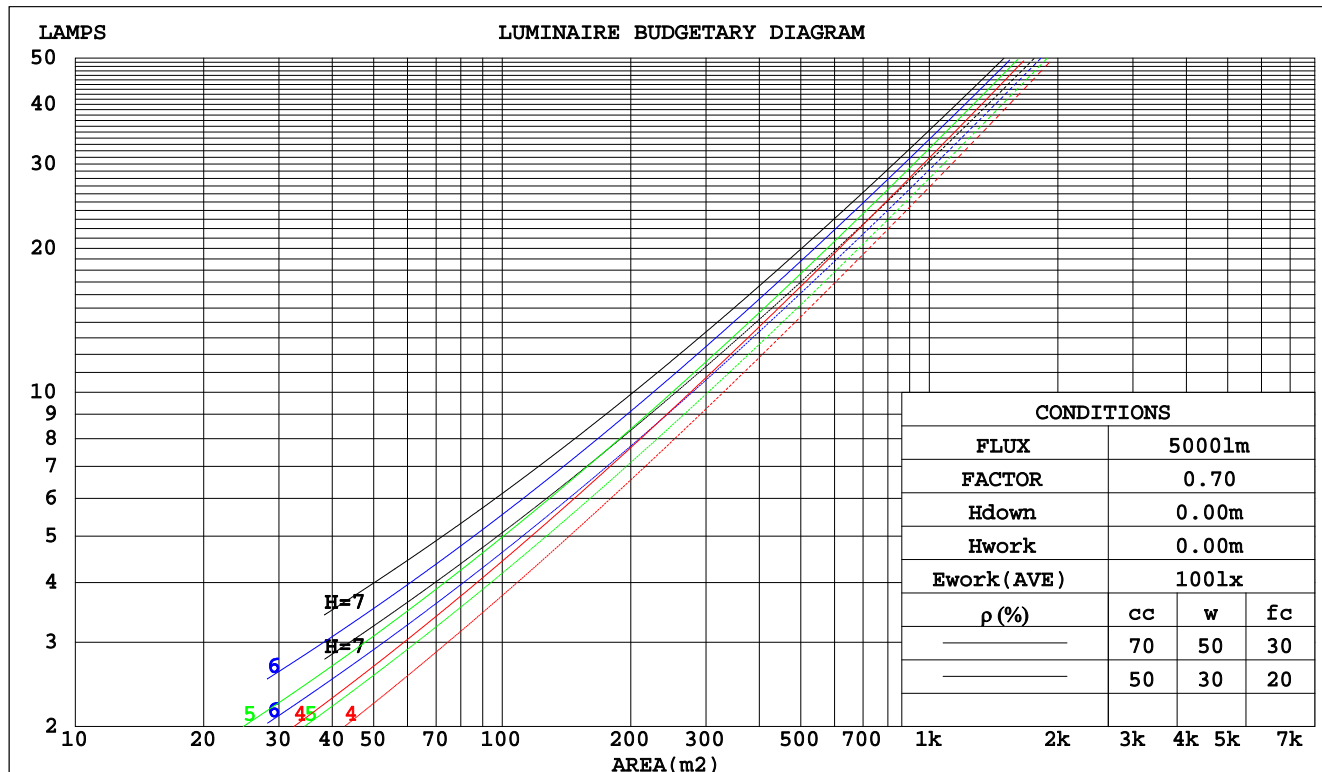
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25DEG  
 Operators: ZYP  
 Test Date: 2020-05-25

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
 Humidity: 25%  
 Test Distance: 7.560m [K=0.9788]  
 Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.7V I:0.1720A P:36.74W PF:0.9680 Lamp Flux:3679.59x1 lm		
NAME: Panel light	TYPE:LED	WEIGHT:
SPEC.:3012	DIM.: 1195*295	SERIAL No.:01
MFR.: JT	SUR.:0.295*1.195	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	.99	1.04	1.01	.97	.00	.97	.94	.96	.94	.91	.92	.90	.89	.87														
2.0	.95	.89	.84	.93	.87	.83	.89	.85	.81	.86	.82	.79	.83	.80	.77	.75														
3.0	.85	.78	.72	.83	.77	.71	.80	.75	.70	.78	.73	.69	.75	.71	.68	.66														
4.0	.76	.68	.62	.75	.68	.62	.73	.66	.61	.70	.65	.60	.68	.64	.60	.58														
5.0	.69	.61	.55	.68	.60	.55	.66	.59	.54	.64	.58	.54	.62	.57	.53	.51														
6.0	.63	.55	.49	.62	.54	.49	.60	.53	.48	.59	.53	.48	.57	.52	.48	.46														
7.0	.58	.50	.44	.57	.49	.44	.55	.48	.43	.54	.48	.43	.53	.47	.43	.41														
8.0	.53	.45	.40	.52	.45	.40	.51	.44	.39	.50	.44	.39	.49	.43	.39	.37														
9.0	.49	.41	.36	.48	.41	.36	.47	.40	.36	.46	.40	.36	.45	.40	.35	.34														
10.0	.45	.38	.33	.45	.38	.33	.44	.37	.33	.43	.37	.33	.42	.36	.32	.31														



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:ZYP  
 Test Date:2020-05-25

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
 Humidity:25%  
 Test Distance:7.560m [K=0.9788]  
 Remarks:

## WEC AND CCEC

Test:U:220.7V I:0.1720A P:36.74W PF:0.9680 Lamp Flux:3679.59x1 lm					
NAME: Panel light			TYPE:LED		WEIGHT:
SPEC.:3012			DIM.: 1195*295		SERIAL No.:01
MFR.: JT			SUR.:0.295*1.195		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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.266	.151	.048	.259	.148	.047	.246	.141	.045	.234	.135	.043	.223	.129	.042	
2.0	.252	.138	.042	.246	.135	.042	.234	.130	.040	.224	.125	.039	.214	.121	.038	
3.0	.236	.125	.038	.230	.123	.037	.220	.119	.036	.211	.116	.035	.202	.112	.035	
4.0	.220	.114	.034	.215	.113	.033	.207	.110	.033	.198	.106	.032	.191	.104	.032	
5.0	.206	.105	.030	.202	.103	.030	.194	.101	.030	.186	.098	.029	.180	.096	.029	
6.0	.193	.097	.028	.189	.096	.027	.182	.093	.027	.176	.091	.027	.170	.089	.027	
7.0	.181	.090	.025	.178	.089	.025	.172	.087	.025	.166	.085	.025	.160	.083	.024	
8.0	.171	.083	.023	.168	.083	.023	.162	.081	.023	.157	.079	.023	.152	.078	.023	
9.0	.161	.078	.022	.158	.077	.022	.153	.076	.021	.149	.075	.021	.144	.073	.021	
10.0	.152	.073	.020	.150	.072	.020	.145	.071	.020	.141	.070	.020	.137	.069	.020	

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						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	.153	.136	.120	.105	.093	.083	.060	.054	.048	.019	.017	.016	
2.0	.168	.133	.104	.144	.115	.090	.099	.080	.063	.057	.046	.037	.018	.015	.012	
3.0	.159	.115	.081	.137	.100	.070	.094	.069	.049	.054	.040	.029	.017	.013	.009	
4.0	.151	.102	.064	.130	.088	.056	.089	.061	.039	.052	.036	.023	.017	.012	.008	
5.0	.144	.091	.052	.123	.079	.045	.085	.055	.032	.049	.032	.019	.016	.011	.006	
6.0	.137	.082	.044	.117	.071	.038	.081	.050	.027	.047	.029	.016	.015	.010	.005	
7.0	.130	.075	.037	.112	.065	.032	.077	.046	.023	.045	.027	.014	.015	.009	.005	
8.0	.124	.070	.032	.107	.060	.028	.074	.042	.020	.043	.025	.012	.014	.008	.004	
9.0	.119	.065	.028	.102	.056	.025	.071	.039	.017	.041	.023	.010	.013	.008	.003	
10.0	.113	.060	.025	.098	.052	.022	.068	.037	.016	.040	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:ZYP  
 Test Date:2020-05-25

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
 Humidity:25%  
 Test Distance:7.560m [K=0.9788]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.7V I:0.1720A P:36.74W PF:0.9680 Lamp Flux:3679.59x1 lm										
NAME: Panel light					TYPE:LED			WEIGHT:		
SPEC.:3012					DIM.: 1195*295			SERIAL No.:01		
MFR.: JT					SUR.:0.295*1.195			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	15.3	16.7	15.6	16.9	17.1	14.8	16.2	15.1	16.3	16.5
3H	16.2	17.4	16.5	17.7	17.9	15.5	16.7	15.8	16.9	17.2
4H	16.7	17.9	17.0	18.1	18.3	15.9	17.1	16.2	17.3	17.6
6H	17.1	18.2	17.4	18.5	18.7	16.3	17.4	16.6	17.7	17.9
8H	17.3	18.3	17.6	18.6	18.9	16.5	17.6	16.8	17.8	18.1
12H	17.4	18.4	17.7	18.7	19.0	16.7	17.7	17.0	18.0	18.3
4H 2H	15.6	16.8	15.9	17.0	17.3	15.2	16.3	15.5	16.6	16.8
3H	16.7	17.7	17.0	18.0	18.3	16.0	17.1	16.4	17.4	17.7
4H	17.3	18.3	17.7	18.6	18.9	16.6	17.6	17.0	17.9	18.2
6H	17.9	18.7	18.3	19.1	19.4	17.2	18.0	17.6	18.4	18.7
8H	18.1	18.9	18.5	19.3	19.7	17.5	18.3	17.9	18.6	19.0
12H	18.3	19.0	18.8	19.4	19.8	17.8	18.5	18.2	18.9	19.3
8H 4H	17.5	18.3	17.9	18.6	19.0	16.9	17.6	17.3	18.0	18.4
6H	18.2	18.9	18.7	19.3	19.7	17.7	18.3	18.1	18.7	19.1
8H	18.6	19.1	19.0	19.5	20.0	18.1	18.6	18.5	19.1	19.5
12H	18.9	19.3	19.3	19.8	20.3	18.5	19.0	19.0	19.4	19.9
12H 4H	17.5	18.2	17.9	18.6	19.0	16.9	17.6	17.3	18.0	18.4
6H	18.3	18.8	18.7	19.3	19.7	17.7	18.3	18.2	18.7	19.2
8H	18.7	19.2	19.1	19.6	20.1	18.2	18.7	18.7	19.1	19.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.5					+ 0.4 / - 0.5				
1.5H	+ 0.3 / - 0.3					+ 0.3 / - 0.3				
2.0H	+ 0.7 / - 1.1					+ 0.6 / - 0.8				

CIE Pub.117 Corrected 3680 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.5)

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:ZYP  
 Test Date:2020-05-25

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
 Humidity:25%  
 Test Distance:7.560m [K=0.9788]  
 Remarks:

## UTILIZATION FACTORS TABLE

Test:U:220.7V I:0.1720A P:36.74W PF:0.9680 Lamp Flux:3679.59x1 lm		
NAME: Panel light	TYPE:LED	WEIGHT:
SPEC.:3012	DIM.: 1195*295	SERIAL No.:01
MFR.: JT	SUR.:0.295*1.195	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) $k(RI) \times RCR = 5$									
$k = 0.60$	66	56	50	66	56	50	65	56	50	44
0.80	76	66	60	75	66	60	73	65	59	53
1.00	84	74	68	82	74	68	80	75	67	61
1.25	90	81	75	89	80	75	86	79	74	68
1.50	94	86	80	93	85	80	90	83	79	72
2.00	100	93	87	98	92	87	95	89	85	78
2.50	103	96	91	101	95	90	97	92	89	81
3.00	105	100	95	103	98	94	100	95	92	84
4.00	109	104	100	106	102	99	102	99	96	88
5.00	111	107	103	108	105	102	104	101	99	90
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:ZYP  
 Test Date:2020-05-25

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
 Humidity:25%  
 Test Distance:7.560m [K=0.9788]  
 Remarks:

## ISOCANDELA DIAGRAM

Test:U:220.7V I:0.1720A P:36.74W PF:0.9680 Lamp Flux:3679.59x1 lm		
NAME: Panel light	TYPE:LED	WEIGHT:
SPEC.:3012	DIM.: 1195*295	SERIAL No.:01
MFR.: JT	SUR.:0.295*1.195	Shielding Angle:

Conical surface Flux(90deg):

2533.5 lm

%lum = 68.9%

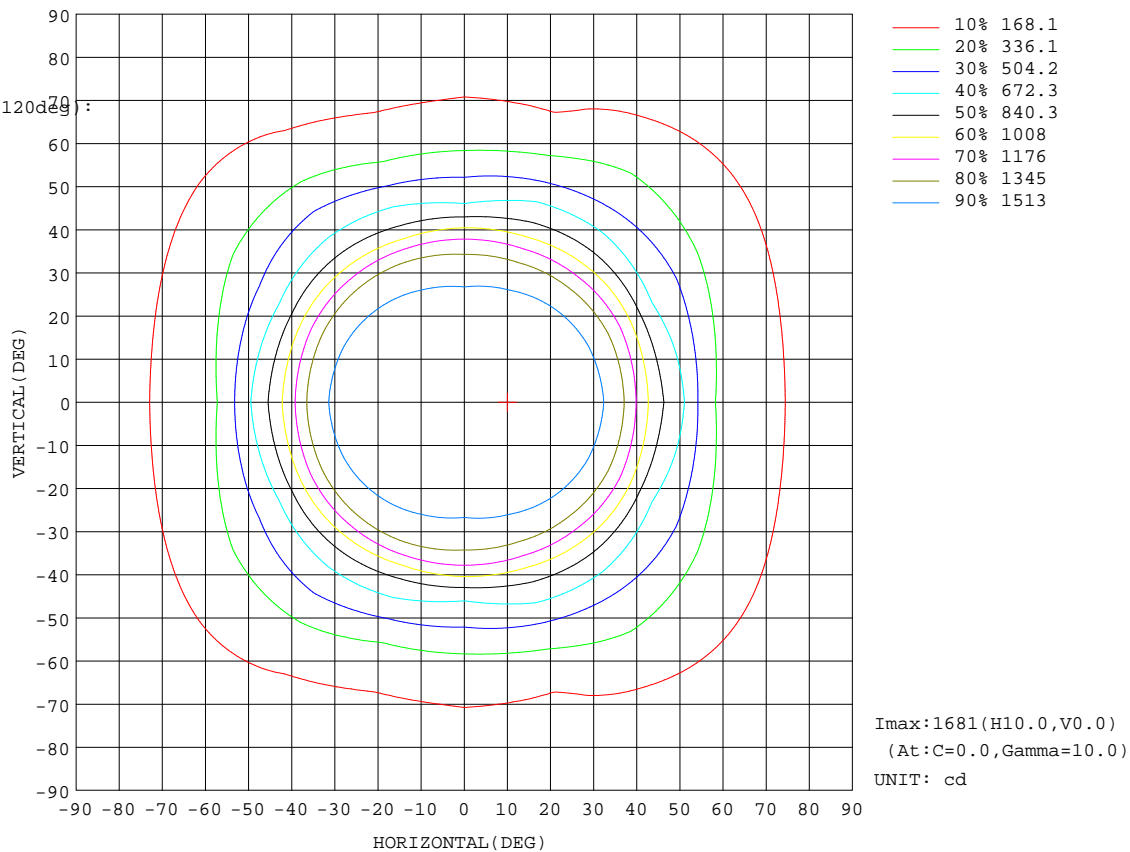
%lamp = 68.9%

Conical surface Flux(120deg):

3227.8 lm

%lum = 87.7%

%lamp = 87.7%

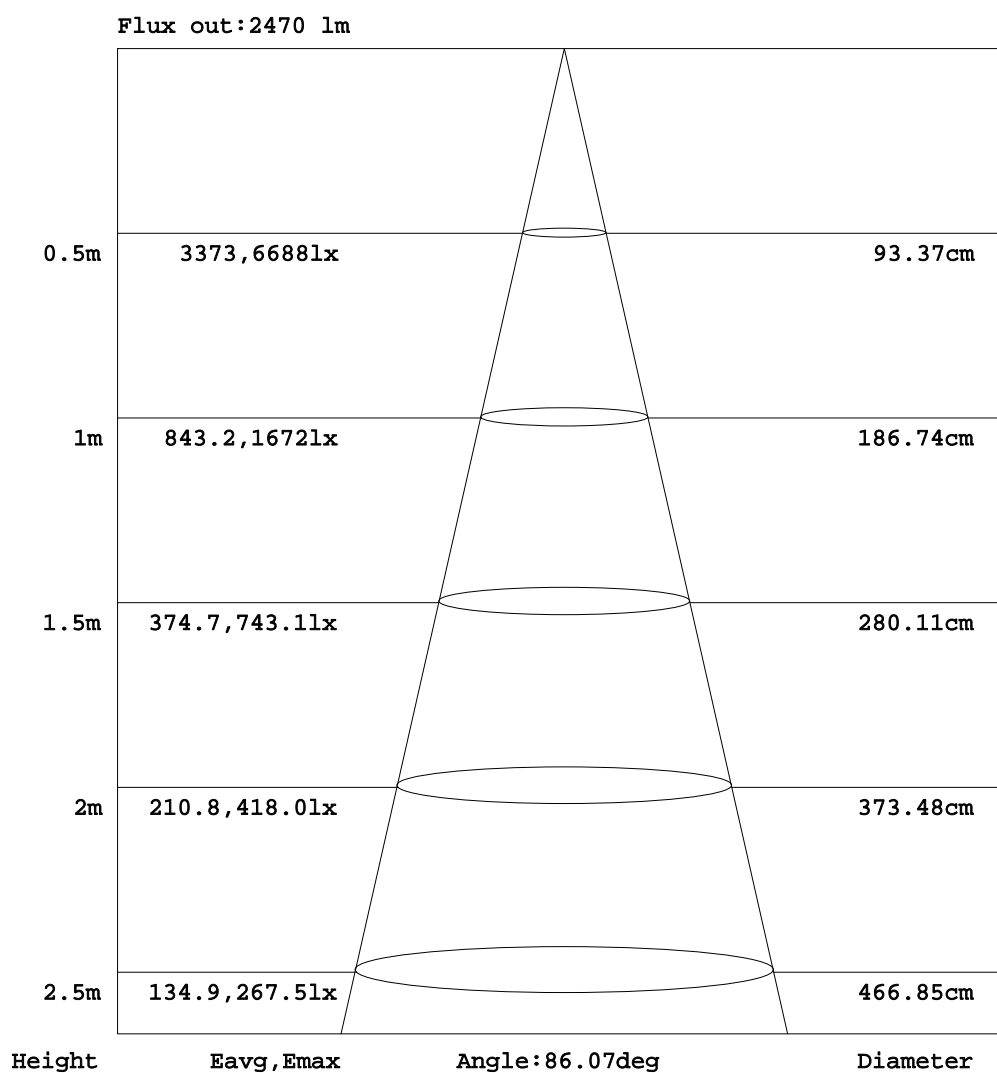


C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25DEG  
Operators:ZYP  
Test Date:2020-05-25

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity:25%  
Test Distance:7.560m [K=0.9788]  
Remarks:

## AAI Figure

Test:U:220.7V I:0.1720A P:36.74W PF:0.9680 Lamp Flux:3679.59x1 lm		
NAME: Panel light	TYPE:LED	WEIGHT:
SPEC.:3012	DIM.: 1195*295	SERIAL No.:01
MFR.: JT	SUR.:0.295*1.195	Shielding Angle:



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

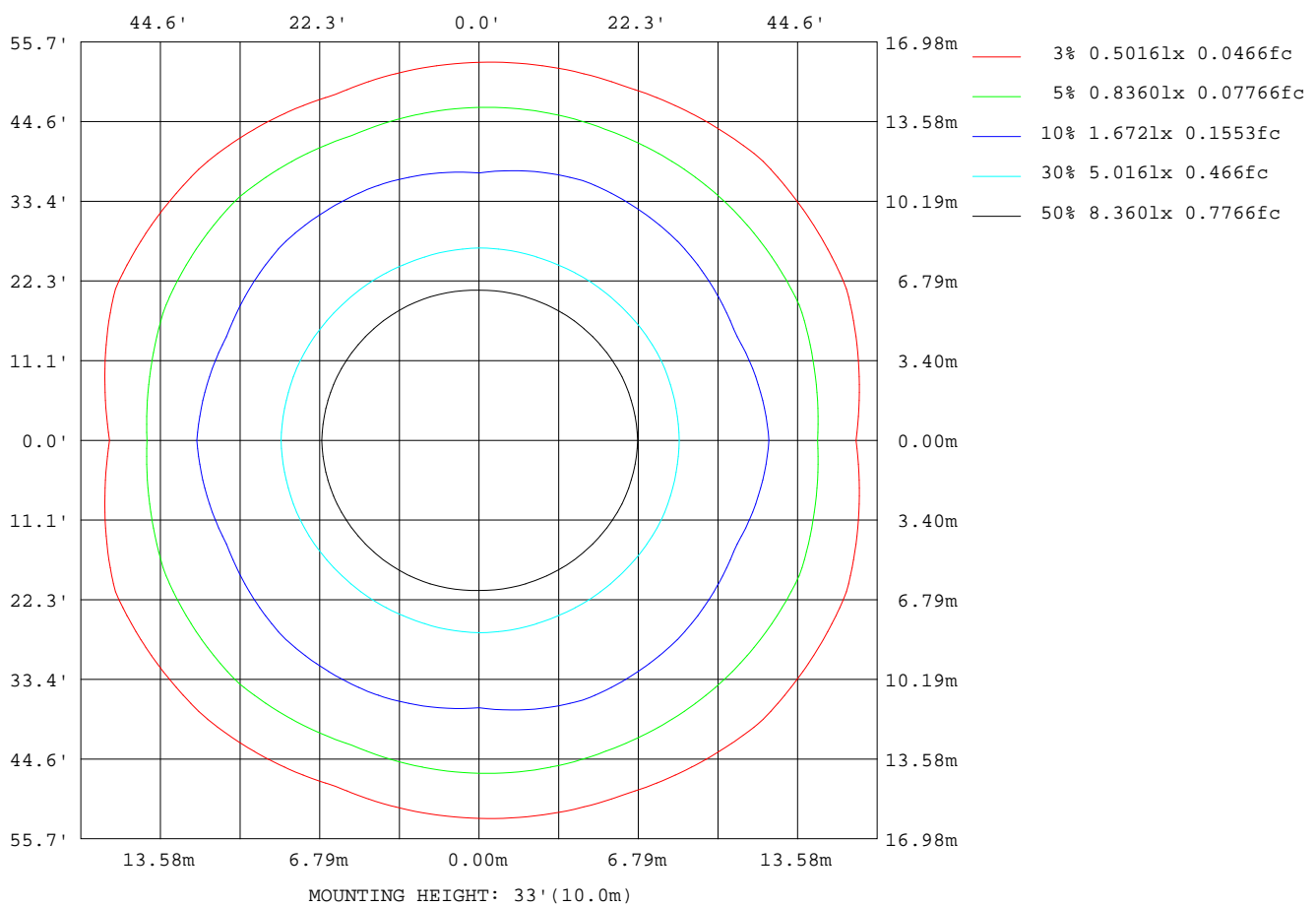
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:ZYP  
 Test Date:2020-05-25

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
 Humidity:25%  
 Test Distance:7.560m [K=0.9788]  
 Remarks:



## ISOLUX DIAGRAM

Test:U:220.7V I:0.1720A P:36.74W PF:0.9680 Lamp Flux:3679.59x1 lm		
NAME: Panel light	TYPE:LED	WEIGHT:
SPEC.:3012	DIM.: 1195*295	SERIAL No.:01
MFR.: JT	SUR.:0.295*1.195	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:ZYP  
 Test Date:2020-05-25

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
 Humidity:25%  
 Test Distance:7.560m [K=0.9788]  
 Remarks:

## LED Avg.L Report

Test:U:220.7V I:0.1720A P:36.74W PF:0.9680 Lamp Flux:3679.59x1 lm		
NAME: Panel light	TYPE:LED	WEIGHT:
SPEC.:3012	DIM.: 1195*295	SERIAL No.:01
MFR.: JT	SUR.:0.295*1.195	Shielding Angle:

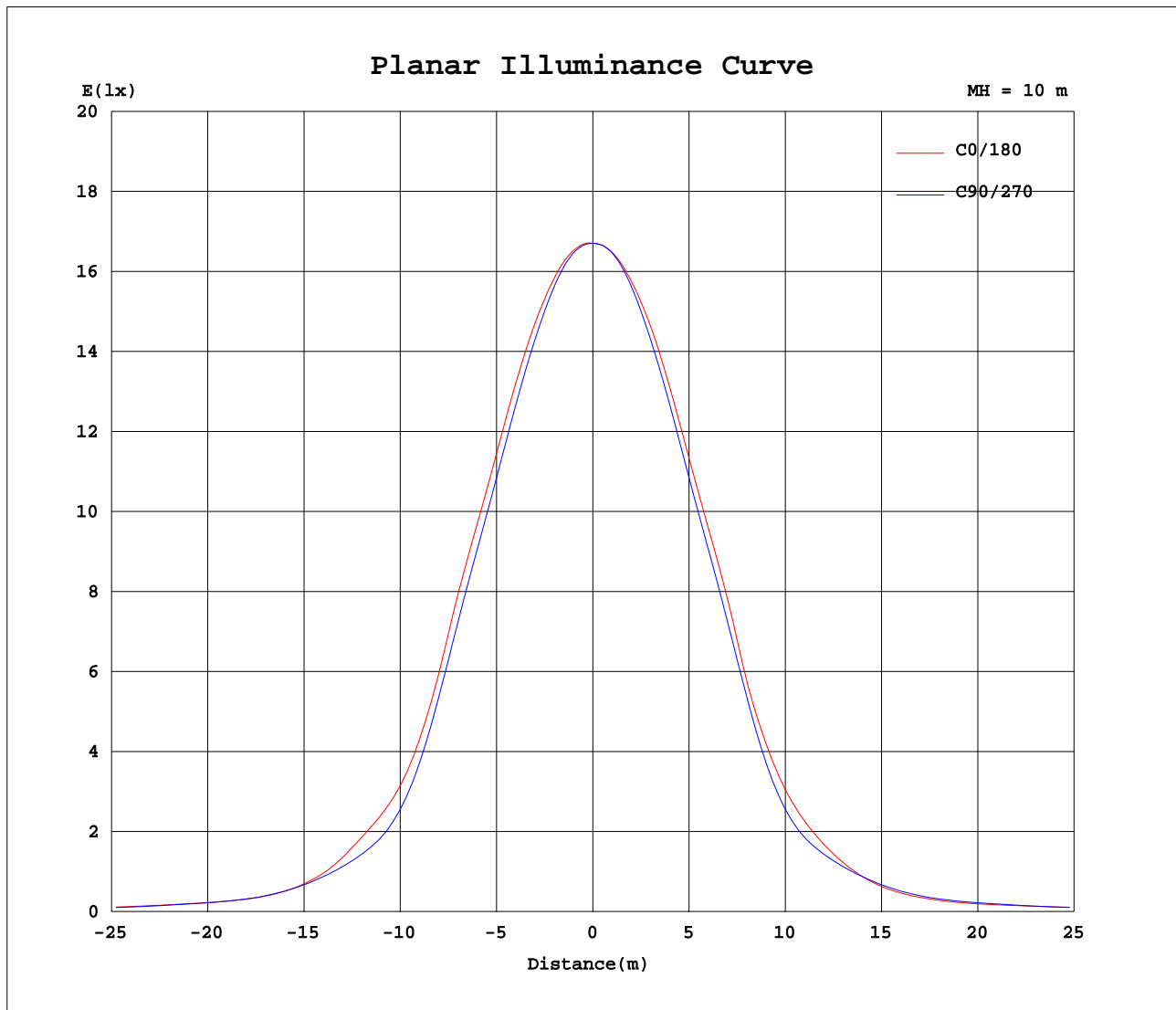
AvgL	cd/m2
L_0~180(65)av	1560
L_0~180(75)av	1675
L_0~180(85)av	1564
L_90~270(65)av	1606
L_90~270(75)av	1412
L_90~270(85)av	1794
L_45(65)av	1719
L_45(75)av	1506
L_45(85)av	1522

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25DEG  
 Operators:ZYP  
 Test Date:2020-05-25

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
 Humidity:25%  
 Test Distance:7.560m [K=0.9788]  
 Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25DEG  
Operators: ZYP  
Test Date: 2020-05-25

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity: 25%  
Test Distance: 7.560m [K=0.9788]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.7V I:0.1720A P:36.74W PF:0.9680 Lamp Flux:3679.59x1 lm																		
NAME: Panel light										TYPE:LED					WEIGHT:			
SPEC.:3012										DIM.: 1195*295					SERIAL No.:01			
MFR.: JT										SUR.:0.295*1.195					Shielding Angle:			

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	1672	1671	1672	1671	1671	1670	1671	1671	1670	1671	1671	1670	1671	1671	1672	1671			
5	1677	1675	1673	1672	1672	1672	1672	1673	1673	1673	1672	1672	1672	1672	1673	1675			
10	1681	1677	1673	1667	1662	1667	1670	1672	1672	1672	1670	1667	1662	1667	1673	1677			
15	1677	1666	1661	1651	1639	1648	1656	1660	1669	1660	1656	1648	1639	1651	1661	1666			
20	1662	1650	1633	1617	1601	1612	1626	1639	1650	1639	1626	1612	1601	1617	1633	1650			
25	1619	1609	1582	1556	1540	1553	1574	1593	1604	1593	1574	1553	1540	1556	1582	1609			
30	1552	1539	1507	1474	1457	1476	1499	1522	1536	1522	1499	1476	1457	1474	1507	1539			
35	1443	1412	1359	1323	1317	1340	1364	1397	1420	1397	1364	1340	1317	1323	1359	1412			
40	1167	1151	1084	1042	1038	1011	1043	1100	1131	1100	1043	1011	1038	1042	1084	1151			
45	890	827	822	802	723	761	781	793	863	793	781	761	723	802	822	827			
50	717	617	641	632	552	590	616	579	650	579	616	590	552	632	641	617			
55	464	505	478	446	432	416	476	468	423	468	476	416	432	446	478	505			
60	288	367	375	323	295	300	342	353	263	353	342	300	295	323	375	367			
65	247	266	261	221	238	232	247	241	214	241	247	232	238	221	261	266			
70	209	212	184	163	173	158	169	195	198	195	169	158	173	163	184	212			
75	159	153	142	143	128	138	131	137	144	137	131	138	128	143	142	153			
80	114	93.4	104	102	94.1	98.6	94.2	88.8	89.8	88.8	94.2	98.6	94.1	102	104	93.4			
85	53.4	51.6	48.2	61.0	54.7	51.4	44.6	46.2	42.1	46.2	44.6	51.4	54.7	61.0	48.2	51.6			
90	3.58	4.62	2.01	0.77	0.30	0.25	0.33	0.52	0.61	0.52	0.33	0.25	0.30	0.77	2.01	4.62			
95	0.22	0.25	0.25	0.28	0.24	0.28	0.27	0.28	0.23	0.28	0.27	0.28	0.24	0.28	0.25	0.25			
100	0.26	0.32	0.29	0.34	0.31	0.35	0.31	0.34	0.29	0.34	0.31	0.35	0.31	0.34	0.29	0.32			
105	0.34	0.39	0.38	0.43	0.40	0.44	0.40	0.43	0.38	0.43	0.40	0.44	0.40	0.43	0.38	0.39			
110	0.45	0.51	0.48	0.54	0.52	0.56	0.51	0.54	0.50	0.54	0.51	0.56	0.52	0.54	0.48	0.51			
115	0.59	0.64	0.63	0.69	0.66	0.71	0.67	0.69	0.65	0.69	0.67	0.71	0.66	0.69	0.63	0.64			
120	0.77	0.82	0.81	0.87	0.83	0.89	0.85	0.88	0.85	0.88	0.85	0.89	0.83	0.87	0.81	0.82			
125	0.97	1.02	1.00	1.06	1.02	1.07	1.07	1.10	1.06	1.10	1.07	1.07	1.02	1.06	1.00	1.02			
130	1.19	1.23	1.20	1.24	1.21	1.26	1.27	1.32	1.29	1.32	1.27	1.26	1.21	1.24	1.20	1.23			
135	1.40	1.44	1.41	1.45	1.41	1.45	1.45	1.52	1.49	1.52	1.45	1.45	1.41	1.45	1.41	1.44			
140	1.57	1.62	1.59	1.63	1.60	1.63	1.62	1.70	1.67	1.70	1.62	1.63	1.60	1.63	1.59	1.62			
145	1.73	1.81	1.79	1.83	1.80	1.81	1.79	1.86	1.83	1.86	1.79	1.81	1.80	1.83	1.79	1.81			
150	1.91	2.02	1.99	2.04	1.98	2.01	1.97	2.02	2.02	2.02	1.97	2.01	1.98	2.04	1.99	2.02			
155	2.11	2.24	2.21	2.23	2.17	2.20	2.15	2.20	2.23	2.20	2.15	2.20	2.17	2.23	2.21	2.24			
160	2.33	2.48	2.40	2.41	2.36	2.38	2.33	2.39	2.45	2.39	2.33	2.38	2.36	2.41	2.40	2.48			
165	2.56	2.68	2.57	2.55	2.50	2.55	2.52	2.58	2.66	2.58	2.52	2.55	2.50	2.55	2.57	2.68			
170	2.75	2.83	2.70	2.68	2.63	2.68	2.65	2.74	2.83	2.74	2.65	2.68	2.63	2.68	2.70	2.83			
175	2.89	2.90	2.77	2.75	2.71	2.76	2.74	2.86	2.91	2.86	2.74	2.76	2.71	2.75	2.77	2.90			
180	2.93	2.92	2.81	2.80	2.77	2.77	2.80	2.87	2.93	2.87	2.80	2.77	2.77	2.80	2.81	2.92			

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