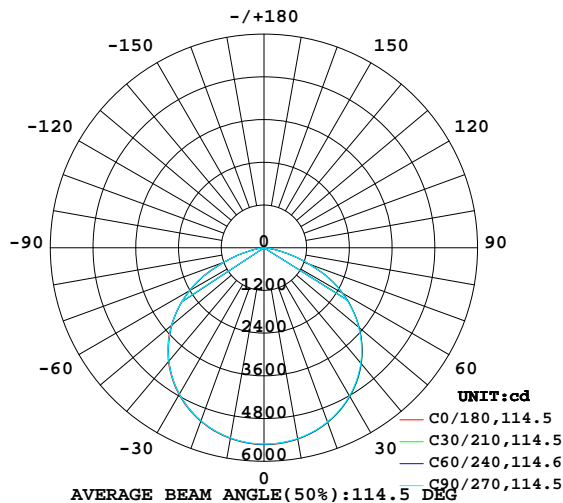


LUMINAIRE PHOTOMETRIC TEST REPORT

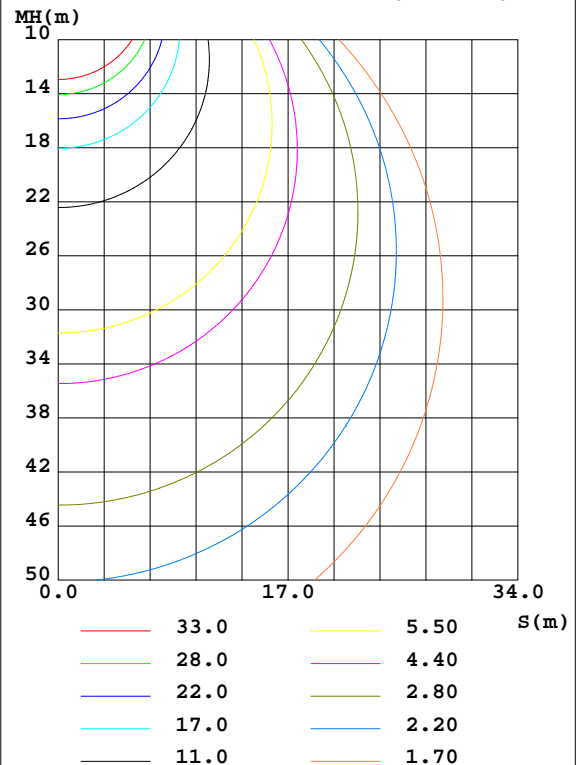
NAME: LED BAY LIGHTS	TYPE:110 5050	WEIGHT:5.2kg
SPEC.:	DIM.: 350*350*193 mm	SERIAL No.:
MFR.: ZGSM	SUR.:193*193 mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 155.00 lm/W			
MODEL	ZGSM-UFO100M	Imax(cd)	5531	S/MH(C0/180)	1.28
NOMINAL POWER(W)	100	LOR(%)	100.0	S/MH(C90/270)	1.28
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	15500	$\eta$ UP,DN(C0-180)	0.0,50.5
NOMINAL FLUX(lm)	15500	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	0.0,49.5
LAMPS INSIDE	1	$\eta$ up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220.1	$\eta$ down(%)	100.0	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2018

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.480m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	5458	5449	5440	5428	5442	5429	5425	5429	0- 10	522.7	522.7	3.37,3.37
20	5224	5220	5206	5186	5191	5175	5175	5187	10- 20	1507	2029	13.1,13.1
30	4820	4821	4803	4775	4770	4752	4754	4777	20- 30	2309	4339	28,28
40	4246	4249	4228	4193	4176	4154	4159	4190	30- 40	2822	7161	46.2,46.2
50	3488	3493	3471	3430	3398	3374	3388	3423	40- 50	2957	10117	65.3,65.3
60	2538	2550	2527	2477	2428	2411	2428	2476	50- 60	2657	12774	82.4,82.4
70	1334	1357	1347	1287	1222	1199	1219	1272	60- 70	1882	14656	94.6,94.6
80	296.6	311.6	298.1	264.4	225.7	213.8	220.8	251.5	70- 80	772.0	15428	99.5,99.5
90	0	0	0	0	0	0	0	0	80- 90	71.28	15500	100,100
100	0	0	0	0	0	0	0	0	90-100	0	15500	100,100
110	0	0	0	0	0	0	0	0	100-110	0	15500	100,100
120	0	0	0	0	0	0	0	0	110-120	0	15500	100,100
130	0	0	0	0	0	0	0	0	120-130	0	15500	100,100
140	0	0	0	0	0	0	0	0	130-140	0	15500	100,100
150	0	0	0	0	0	0	0	0	140-150	0	15500	100,100
160	0	0	0	0	0	0	0	0	150-160	0	15500	100,100
170	0	0	0	0	0	0	0	0	160-170	0	15500	100,100
180	0	0	0	0	0	0	0	0	170-180	0	15500	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 8648.5 lm

%lum = 55.8%

%lamp = 55.8%

Conical surface Flux(120deg): 12774 lm

%lum = 82.4%

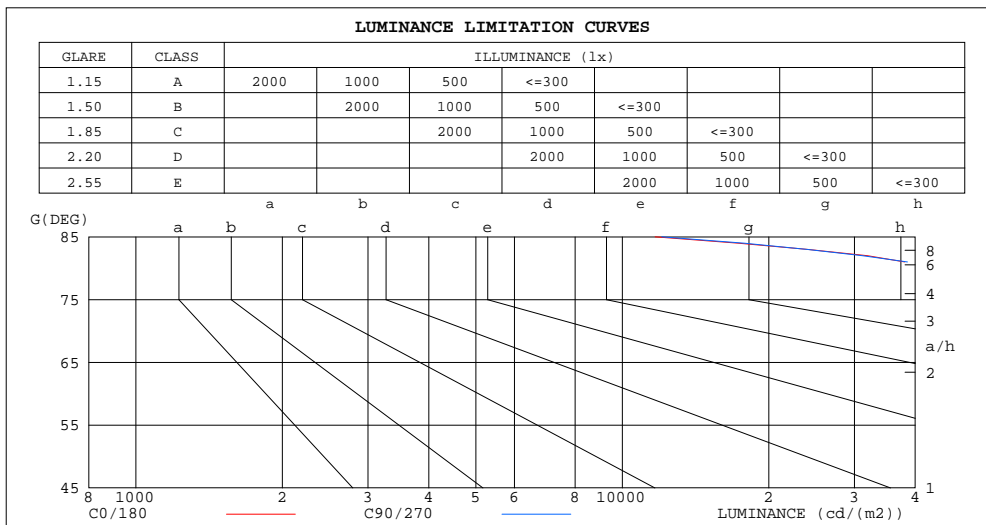
%lamp = 82.4%

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2018

γ Range: 0 - 100DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:10.480m [K=1.0000]  
 Remarks:

## LUMINANCE LIMITATION CURVES

NAME: LED BAY LIGHTS	TYPE:110 5050	WEIGHT:5.2kg
SPEC.:	DIM.: 350*350*193 mm	SERIAL No.:
MFR.: ZGSM	SUR.:193*193 mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	11677	12046
80	46161	46397
75	80358	81750
70	105390	106441
65	127510	126969
60	137216	136619
55	143128	142486
50	146676	145951
45	148672	147937

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2018

γ Range: 0 - 100DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:10.480m [K=1.0000]  
 Remarks:

## WEC AND CCEC

NAME: LED BAY LIGHTS	TYPE:110 5050	WEIGHT:5.2kg
SPEC.:	DIM.: 350*350*193 mm	SERIAL No.:
MFR.: ZGSM	SUR.:193*193 mm	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	.285	.162	.051	.278	.159	.050	.265	.152	.049	.253	.146	.047	.242	.140	.045		
2.0	.277	.152	.046	.270	.149	.046	.259	.144	.045	.248	.139	.044	.238	.135	.042		
3.0	.260	.138	.041	.254	.136	.041	.244	.132	.040	.235	.129	.039	.226	.125	.039		
4.0	.242	.126	.037	.237	.124	.037	.228	.121	.036	.220	.118	.036	.212	.115	.035		
5.0	.225	.115	.033	.221	.114	.033	.213	.111	.033	.206	.108	.032	.198	.106	.032		
6.0	.210	.105	.030	.206	.104	.030	.199	.102	.030	.192	.100	.029	.186	.098	.029		
7.0	.196	.097	.027	.193	.096	.027	.186	.094	.027	.180	.092	.027	.175	.091	.027		
8.0	.184	.090	.025	.181	.089	.025	.175	.087	.025	.169	.086	.025	.164	.084	.025		
9.0	.172	.083	.023	.170	.083	.023	.164	.081	.023	.160	.080	.023	.155	.079	.023		
10.0	.162	.078	.022	.160	.077	.022	.155	.076	.021	.151	.075	.021	.147	.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	.179	.156	.136	.153	.134	.117	.105	.092	.081	.060	.053	.047	.019	.017	.015		
2.0	.170	.132	.100	.146	.114	.086	.100	.079	.060	.058	.046	.035	.018	.015	.011		
3.0	.163	.114	.076	.139	.099	.066	.096	.068	.046	.055	.040	.027	.018	.013	.009		
4.0	.155	.101	.059	.133	.087	.052	.092	.061	.036	.053	.036	.021	.017	.012	.007		
5.0	.148	.090	.048	.127	.078	.042	.088	.055	.029	.051	.032	.017	.016	.010	.006		
6.0	.141	.082	.040	.121	.071	.035	.084	.050	.024	.049	.029	.015	.016	.010	.005		
7.0	.134	.075	.034	.116	.065	.029	.080	.046	.021	.046	.027	.012	.015	.009	.004		
8.0	.128	.069	.029	.110	.060	.025	.076	.042	.018	.044	.025	.011	.014	.008	.004		
9.0	.122	.064	.025	.105	.056	.022	.073	.039	.016	.042	.023	.009	.014	.008	.003		
10.0	.117	.060	.023	.100	.052	.020	.070	.037	.014	.041	.022	.008	.013	.007	.003		

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2018

γ Range: 0 - 100DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.480m [K=1.0000]  
Remarks:

## UGR(Unified Glare Rating) Table

NAME: LED BAY LIGHTS					TYPE:110 5050			WEIGHT:5.2kg			
SPEC.:					DIM.: 350*350*193 mm			SERIAL No.:			
MFR.: ZGSM					SUR.:193*193 mm			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		20.8	22.3	21.1	22.5	22.7	20.8	22.3	21.1	22.5	22.7
3H		22.1	23.4	22.4	23.7	23.9	22.0	23.4	22.3	23.6	23.9
4H		22.4	23.7	22.7	23.9	24.2	22.4	23.7	22.7	23.9	24.2
6H		22.5	23.7	22.8	24.0	24.2	22.5	23.7	22.8	24.0	24.2
8H		22.4	23.6	22.8	23.9	24.2	22.4	23.6	22.8	23.9	24.2
12H		22.4	23.5	22.8	23.8	24.1	22.4	23.5	22.7	23.8	24.1
4H 2H		21.4	22.7	21.7	22.9	23.2	21.4	22.7	21.7	22.9	23.2
3H		22.8	23.9	23.1	24.2	24.5	22.7	23.9	23.1	24.2	24.5
4H		23.2	24.2	23.5	24.5	24.8	23.1	24.2	23.5	24.5	24.8
6H		23.3	24.2	23.7	24.6	24.9	23.3	24.2	23.7	24.6	24.9
8H		23.3	24.1	23.7	24.5	24.9	23.3	24.1	23.7	24.5	24.9
12H		23.3	24.0	23.7	24.4	24.8	23.2	24.0	23.7	24.4	24.8
8H 4H		23.3	24.1	23.7	24.5	24.9	23.3	24.1	23.7	24.5	24.9
6H		23.5	24.2	23.9	24.6	25.0	23.5	24.2	23.9	24.6	25.0
8H		23.5	24.1	23.9	24.5	25.0	23.5	24.1	23.9	24.5	25.0
12H		23.5	24.0	23.9	24.4	24.9	23.5	24.0	23.9	24.4	24.9
12H 4H		23.2	24.0	23.7	24.4	24.8	23.2	24.0	23.7	24.4	24.8
6H		23.5	24.1	23.9	24.5	24.9	23.4	24.1	23.9	24.5	24.9
8H		23.5	24.0	24.0	24.4	24.9	23.5	24.0	23.9	24.4	24.9
Variations with the observer position at spacings:											
S = 1.0H		+ 0.2 / - 0.3					+ 0.2 / - 0.3				
1.5H		+ 0.2 / - 0.4					+ 0.2 / - 0.4				
2.0H		+ 0.3 / - 0.4					+ 0.3 / - 0.4				

CIE Pub.117, 15500 lm Total Lamp Luminous Flux Correct ( $8\log(F/F_0) = 9.5$ )

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2018

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.480m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

NAME: LED BAY LIGHTS	TYPE:110 5050	WEIGHT:5.2kg
SPEC.:	DIM.: 350*350*193 mm	SERIAL No.:
MFR.: ZGSM	SUR.:193*193 mm	Shielding Angle:

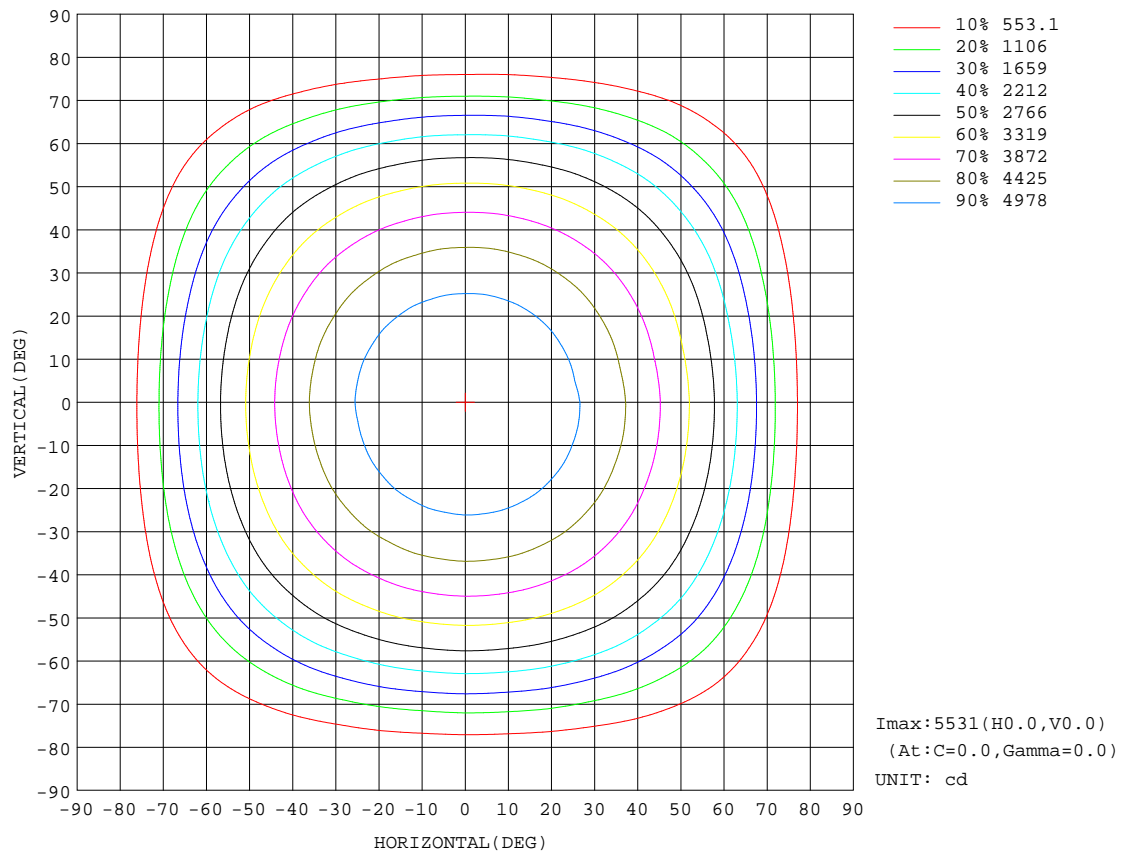
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT)    k(RI) x RCR = 5									
k = 0.60	58	47	40	57	46	40	56	46	39	33
0.80	68	57	50	67	57	50	66	56	49	42
1.00	77	66	59	76	66	59	74	67	58	51
1.25	84	74	67	83	74	67	80	72	66	59
1.50	89	80	73	88	79	73	85	77	72	64
2.00	96	88	82	95	87	81	91	85	80	72
2.50	100	93	87	98	91	86	94	89	84	76
3.00	103	97	92	101	95	91	97	93	89	80
4.00	107	102	98	105	100	96	101	97	94	85
5.00	110	105	101	107	103	100	103	100	97	88
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNOM = 1.25										

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2018

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.480m [K=1.0000]  
Remarks:

**ISOCANDELA DIAGRAM**

NAME: LED BAY LIGHTS	TYPE:110 5050	WEIGHT:5.2kg
SPEC.:	DIM.: 350*350*193 mm	SERIAL No.:
MFR.: ZGSM	SUR.:193*193 mm	Shielding Angle:



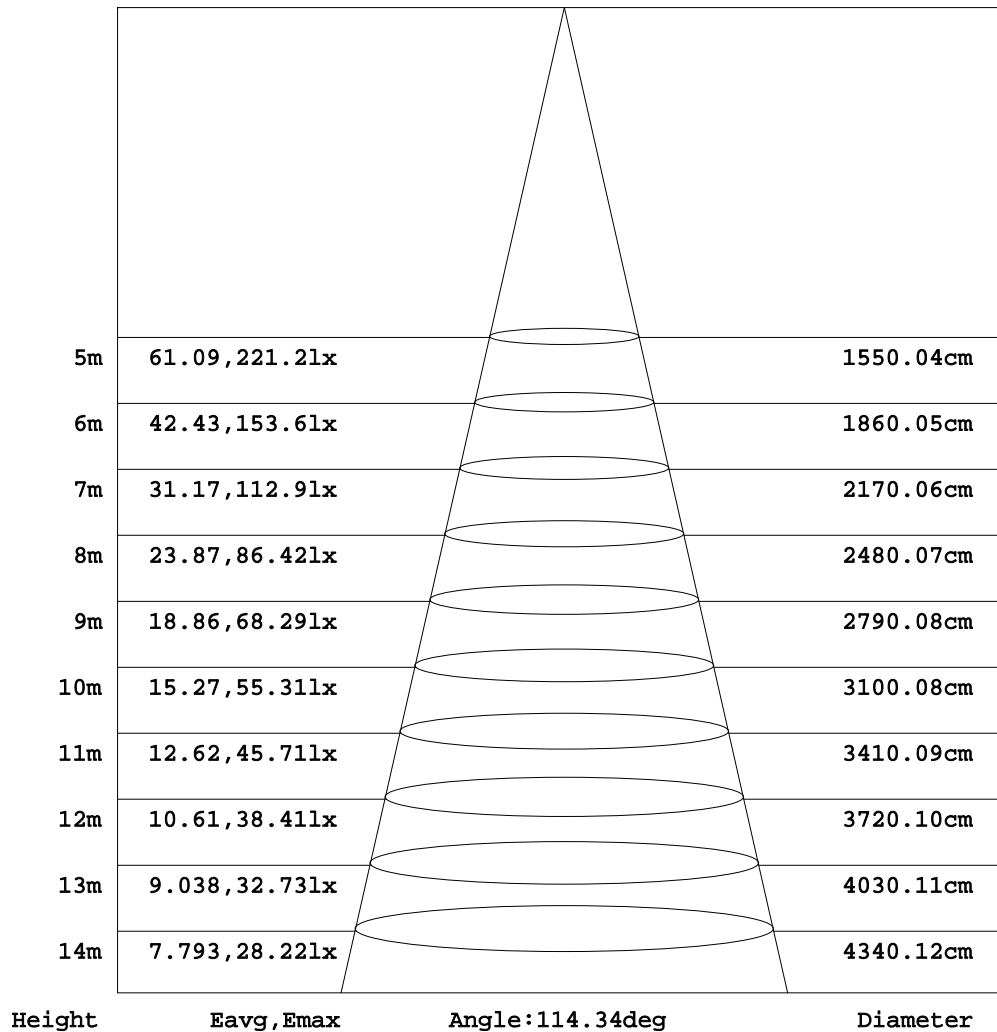
C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2018

γ Range: 0 - 100DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:10.480m [K=1.0000]  
 Remarks:

AAI Figure

NAME: LED BAY LIGHTS	TYPE:110 5050	WEIGHT:5.2kg
SPEC.:	DIM.: 350*350*193 mm	SERIAL No.:
MFR.: ZGSM	SUR.:193*193 mm	Shielding Angle:

Flux out:12289 lm



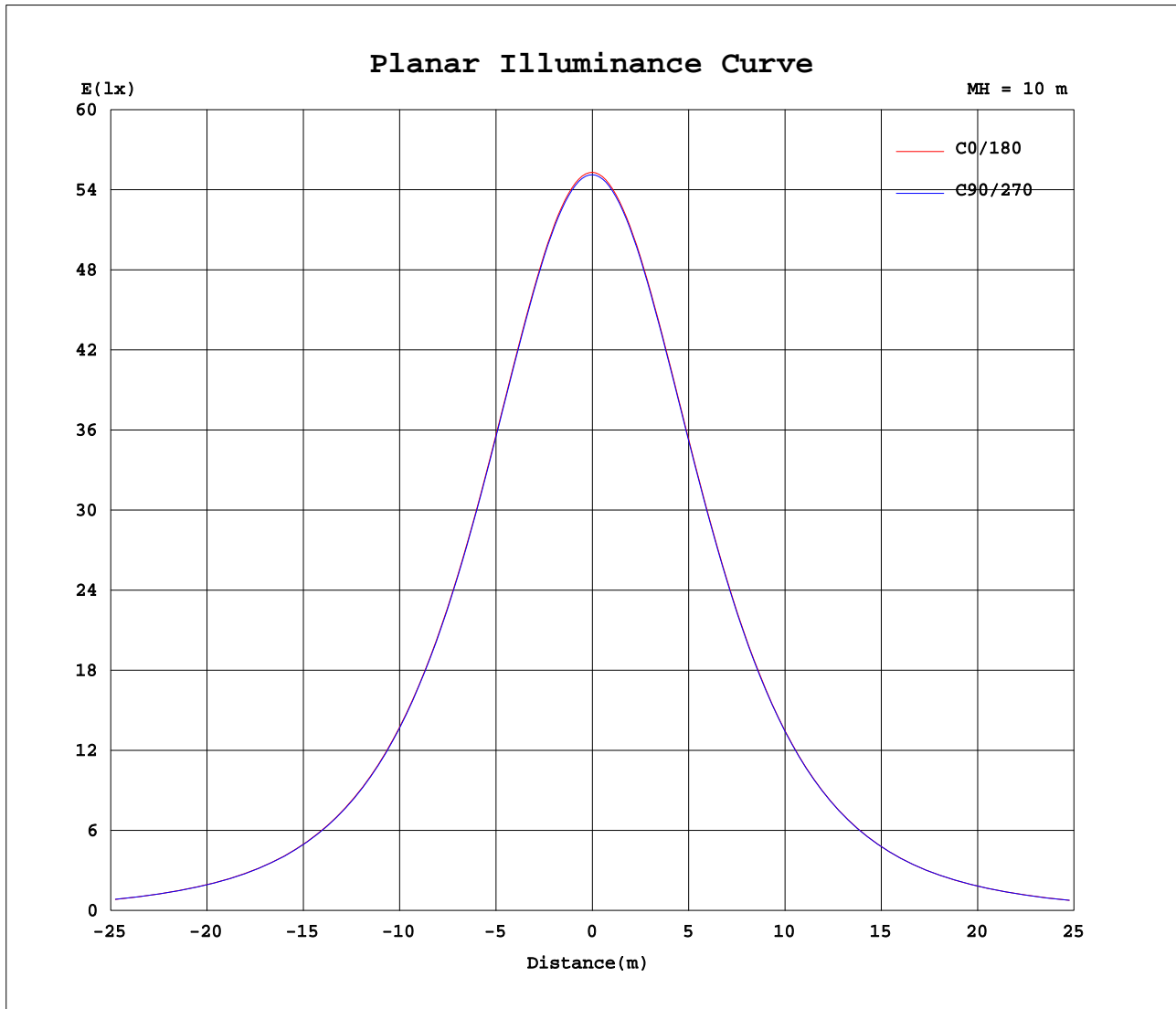
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2018

γ Range: 0 - 100DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity: 65.0%  
 Test Distance: 10.480m [K=1.0000]  
 Remarks:



## Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2018

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
 Humidity: 65.0%  
 Test Distance: 10.480m [K=1.0000]  
 Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: LED BAY LIGHTS	TYPE:110 5050	WEIGHT:5.2kg
SPEC.:	DIM.: 350*350*193 mm	SERIAL No.:
MFR.: ZGSM	SUR.:193*193 mm	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	5531	5529	5526	5523	5522	5519	5519	5515	5515	5513	5512	5512	5510	5511	5509	5509	5508	5507	5531
5	5514	5513	5509	5507	5506	5503	5503	5499	5498	5496	5494	5494	5490	5491	5487	5487	5485	5484	5506
10	5458	5458	5454	5453	5450	5448	5446	5444	5442	5440	5437	5436	5430	5430	5425	5426	5423	5422	5442
15	5362	5363	5359	5359	5356	5355	5353	5350	5347	5345	5339	5339	5331	5331	5325	5325	5321	5320	5338
20	5224	5227	5223	5223	5220	5219	5215	5214	5208	5206	5198	5198	5190	5191	5182	5182	5175	5175	5191
25	5045	5049	5044	5046	5043	5042	5036	5034	5028	5026	5017	5016	5007	5006	4997	4997	4990	4989	5002
30	4820	4826	4823	4825	4821	4821	4814	4813	4804	4803	4793	4793	4781	4780	4769	4769	4761	4759	4770
35	4555	4561	4557	4562	4556	4557	4550	4549	4539	4537	4527	4526	4512	4511	4500	4499	4489	4487	4496
40	4246	4253	4247	4253	4248	4249	4240	4241	4229	4228	4215	4215	4199	4199	4186	4186	4173	4173	4176
45	3890	3895	3893	3897	3893	3893	3887	3883	3875	3870	3860	3856	3843	3838	3828	3824	3814	3808	3809
50	3488	3495	3491	3497	3492	3493	3485	3483	3474	3471	3460	3456	3441	3437	3422	3420	3407	3401	3398
55	3038	3046	3042	3050	3042	3047	3037	3037	3024	3024	3010	3007	2989	2986	2968	2967	2949	2945	2939
60	2538	2549	2547	2556	2547	2553	2544	2542	2527	2527	2512	2506	2488	2486	2467	2464	2448	2439	2428
65	1994	2004	2005	2012	1999	2008	1997	2001	1986	1985	1965	1961	1942	1945	1923	1914	1897	1890	1871
70	1334	1352	1354	1360	1352	1362	1355	1363	1349	1347	1327	1325	1303	1298	1275	1264	1254	1248	1222
75	770	784	785	795	793	799	782	788	783	783	764	757	740	733	718	713	697	696	674
80	297	304	300	312	308	315	308	305	296	298	287	286	273	270	259	254	246	243	226
85	37.7	39.4	39.2	42.5	41.4	42.6	40.5	40.6	38.9	38.8	34.7	34.4	30.5	29.1	26.1	26.4	24.7	24.1	20.9
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	0.00	0.00	0.00	0.00
95	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
100	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
105	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
110	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
115	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
120	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
125	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
130	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
135	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
140	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
145	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
150	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
155	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
160	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
165	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
170	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
175	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
180	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: 10.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:DAMIN

Test Date:2018

γ Range: 0 - 100DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362

Humidity:65.0%

Test Distance:10.480m [K=1.0000]

Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: LED BAY LIGHTS	TYPE:110 5050	WEIGHT:5.2kg
SPEC.:	DIM.: 350*350*193 mm	SERIAL No.:
MFR.: ZGSM	SUR.:193*193 mm	Shielding Angle:

Table--2

UNIT: cd

C(DEC) γ (DEC)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	5529	5526	5523	5522	5519	5519	5515	5515	5513	5512	5512	5510	5511	5509	5509	5508	5507		
5	5503	5501	5498	5497	5493	5494	5490	5491	5490	5490	5489	5489	5489	5489	5490	5490	5490		
10	5439	5435	5430	5431	5427	5429	5425	5427	5425	5428	5427	5428	5429	5430	5430	5432	5432		
15	5333	5331	5326	5326	5322	5325	5320	5323	5322	5325	5325	5327	5328	5331	5331	5334	5334		
20	5185	5183	5177	5177	5172	5176	5172	5176	5175	5181	5180	5184	5186	5189	5190	5194	5194		
25	4994	4994	4987	4988	4983	4987	4982	4987	4985	4993	4994	4999	5002	5007	5007	5013	5013		
30	4762	4760	4754	4756	4749	4753	4748	4756	4754	4763	4763	4770	4773	4781	4782	4788	4788		
35	4486	4485	4476	4478	4471	4478	4472	4480	4479	4489	4490	4499	4502	4512	4513	4523	4522		
40	4165	4165	4154	4159	4149	4158	4152	4162	4159	4173	4173	4184	4183	4197	4197	4211	4209		
45	3800	3795	3787	3788	3783	3789	3787	3795	3797	3807	3812	3819	3821	3833	3839	3851	3855		
50	3387	3383	3374	3377	3372	3378	3377	3386	3388	3400	3404	3414	3417	3428	3435	3449	3453		
55	2925	2924	2915	2920	2914	2925	2921	2932	2933	2946	2949	2965	2966	2979	2984	3000	3002		
60	2413	2418	2408	2415	2408	2420	2417	2429	2428	2444	2448	2466	2470	2482	2485	2505	2505		
65	1854	1856	1840	1845	1827	1847	1846	1860	1861	1883	1883	1903	1908	1925	1927	1954	1956		
70	1214	1217	1197	1201	1196	1207	1209	1219	1219	1234	1234	1253	1262	1282	1275	1297	1303		
75	661	661	653	656	646	653	649	660	658	677	680	696	702	723	724	743	741		
80	217	218	212	218	210	218	212	220	221	228	228	242	244	259	257	276	277		
85	18.3	19.3	17.7	18.4	16.4	17.6	16.7	19.0	18.3	21.0	21.2	23.6	24.0	27.1	27.5	31.5	31.7		
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		
95	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		
100	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		
105	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		
110	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		
115	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		
120	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		
125	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		
130	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		
135	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		
140	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		
145	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		
150	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		
155	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		
160	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		
165	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		
170	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		
175	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		
180	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: 10.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:DAMIN

Test Date:2018

γ Range: 0 - 100DEG

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