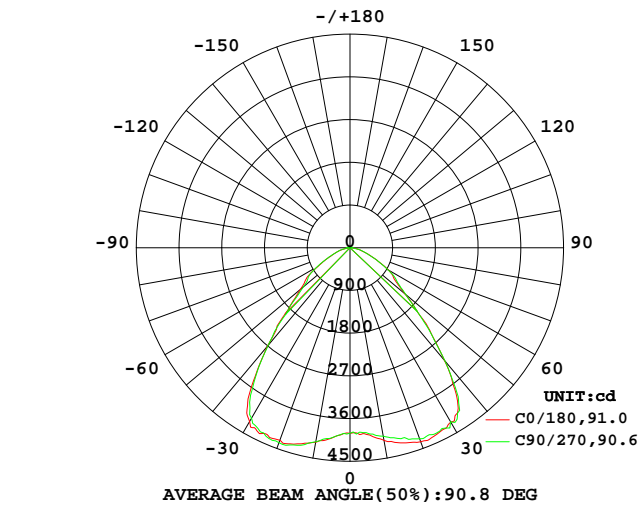


## LUMINAIRE PHOTOMETRIC TEST REPORT

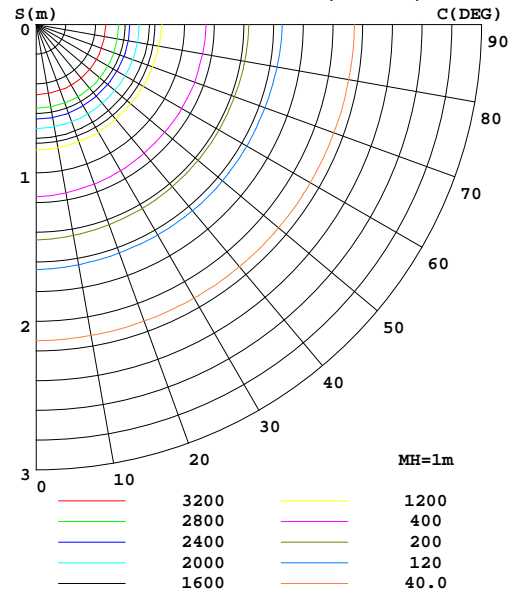
Test:U:240.84V I:0.2643A P:60.102W PF:0.9441 Freq:49.99Hz Lamp Flux:9448.34x1 lm		
NAME: ECOHB120LSE5G7 with PC Reflector and lens	TYPE:Highbay	WEIGHT:
SPEC.:DIP60W	DIM.: D290	SERIAL No.:
MFR.: Eastfield	SUR.:D238	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 157.20 lm/W			
MODEL	1	Imax(cd)	4402	S/MH(C0/180)	1.33
NOMINAL POWER(W)	120	LOR(%)	100.0	S/MH(C90/270)	1.33
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	9448.2	$\eta$ UP,DN(C0-180)	0.3,48.4
NOMINAL FLUX(lm)	9448.34	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	0.3,51.0
LAMPS INSIDE	1	$\eta$ up(%)	0.6	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	240	$\eta$ down(%)	99.4	CIBSE SHR MAX	1.30

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



PLANAR ISOLUX DIAGRAM(UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:01  
Test Date:2023-03-02

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:8.750m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	4162	4155	4151	4160	4121	4044	4031	4110	0- 10	383.8	383.8	4.06,4.06
20	4316	4391	4372	4349	4349	4262	4282	4279	10- 20	1204	1587	16.8,16.8
30	4230	4179	4146	4211	4245	4216	4235	4235	20- 30	1988	3575	37.8,37.8
40	2706	2570	2675	2881	3099	3150	3113	2921	30- 40	2311	5886	62.3,62.3
50	1357	1249	1288	1389	1514	1561	1533	1467	40- 50	1591	7477	79.1,79.1
60	769.0	762.0	797.9	823.8	932.0	941.8	911.8	857.8	50- 60	1007	8484	89.8,89.8
70	335.8	324.0	339.9	365.0	411.9	441.1	406.4	363.0	60- 70	576.6	9060	95.9,95.9
80	91.59	92.96	102.1	129.2	154.2	166.6	135.0	103.8	70- 80	257.9	9318	98.6,98.6
90	41.22	41.41	44.53	42.21	42.50	43.16	42.68	40.78	80- 90	72.39	9391	99.4,99.4
100	58.86	60.29	66.96	63.47	57.60	56.82	59.45	58.51	90-100	53.87	9445	100,100
110	0	0	0	0	0	0	0	0	100-110	3.548	9448	100,100
120	0	0	0	0	0	0	0	0	110-120	0	9448	100,100
130	0	0	0	0	0	0	0	0	120-130	0	9448	100,100
140	0	0	0	0	0	0	0	0	130-140	0	9448	100,100
150	0	0	0	0	0	0	0	0	140-150	0	9448	100,100
160	0	0	0	0	0	0	0	0	150-160	0	9448	100,100
170	0	0	0	0	0	0	0	0	160-170	0	9448	100,100
180	0	0	0	0	0	0	0	0	170-180	0	9448	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 6790.5 lm

%lum = 71.9%

%lamp = 71.9%

Conical surface Flux(120deg): 8483.8 lm

%lum = 89.8%

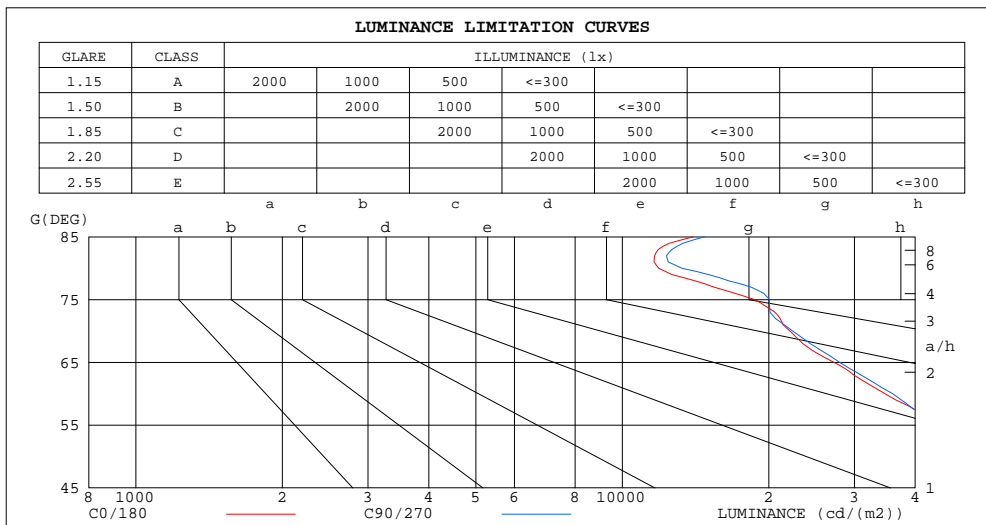
%lamp = 89.8%

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2023-03-02

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 0.5DEG  
 $\gamma$  Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
 Humidity:65.0%  
 Test Distance:8.750m [K=1.0000]  
 Remarks:

## LUMINANCE LIMITATION CURVES

Test:U:240.84V I:0.2643A P:60.102W PF:0.9441 Freq:49.99Hz Lamp Flux:9448.34x1 lm		
NAME: ECOHB120LSE5G7 with PC Reflector and lens	TYPE:Highbay	WEIGHT:
SPEC.:DIP60W	DIM.: D290	SERIAL No.:
MFR.: Eastfield	SUR.:D238	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	13979	14751
80	11879	13242
75	18702	20068
70	22113	22384
65	27234	27957
60	34640	35940
55	43795	42018
50	47544	45141
45	58752	58386

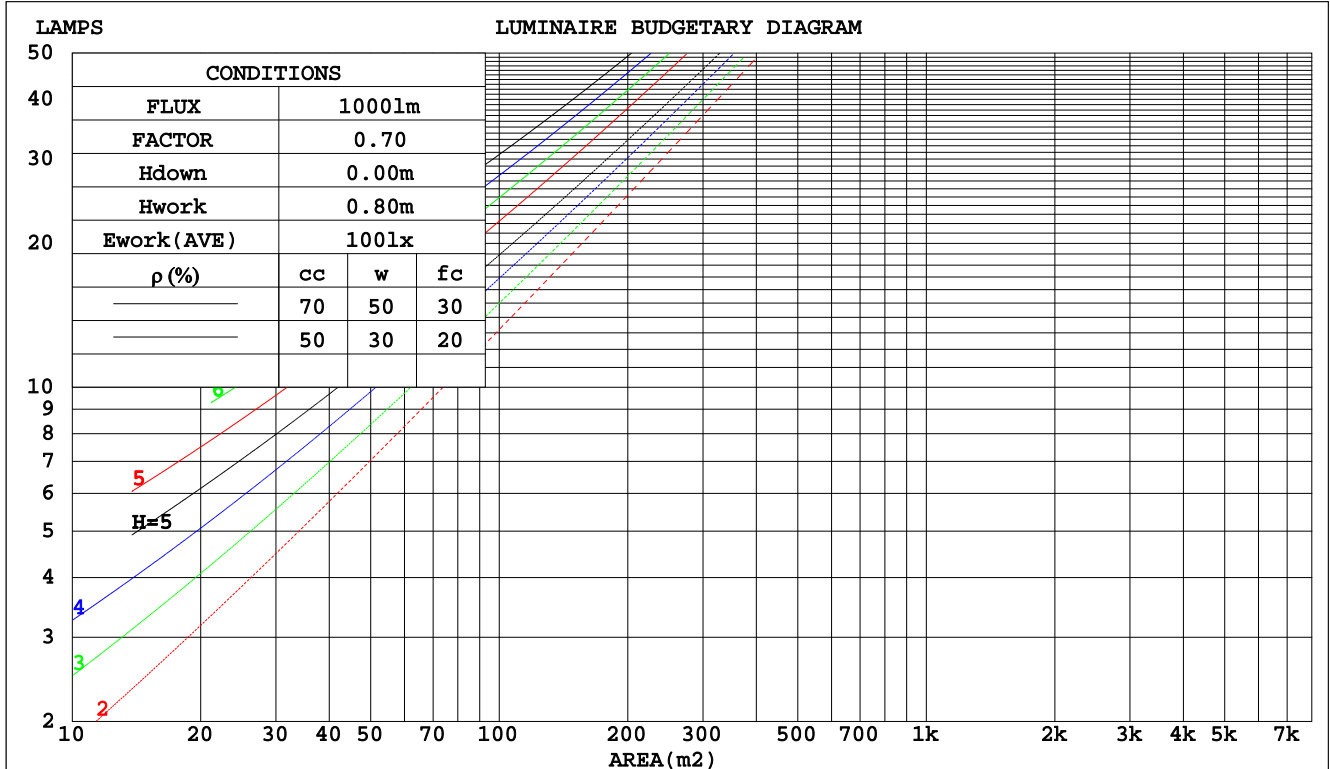
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:01  
Test Date:2023-03-02

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:8.750m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.84V I:0.2643A P:60.102W PF:0.9441 Freq:49.99Hz Lamp Flux:9448.34x1 lm		
NAME: ECOHB120LSE5G7 with PC Reflector and lens	TYPE:Highbay	WEIGHT:
SPEC.:DIP60W	DIM.: D290	SERIAL No.:
MFR.: Eastfield	SUR.:D238	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	1.01	1.01	1.01	.99
1.0	1.07	1.03	1.00	1.05	1.01	.99	1.00	.98	.95	.96	.94	.92	.93	.91	.90	.88
2.0	.96	.90	.85	.94	.89	.84	.90	.86	.82	.87	.83	.80	.84	.81	.78	.76
3.0	.86	.79	.73	.84	.78	.73	.81	.76	.71	.79	.74	.70	.76	.72	.69	.67
4.0	.77	.70	.64	.76	.69	.64	.74	.68	.63	.71	.66	.62	.69	.65	.61	.59
5.0	.70	.62	.56	.69	.62	.56	.67	.61	.56	.65	.59	.55	.63	.58	.54	.52
6.0	.64	.56	.50	.63	.55	.50	.61	.55	.50	.60	.54	.49	.58	.53	.49	.47
7.0	.58	.51	.45	.58	.50	.45	.56	.49	.45	.55	.49	.44	.53	.48	.44	.42
8.0	.54	.46	.41	.53	.46	.41	.52	.45	.40	.51	.44	.40	.49	.44	.40	.38
9.0	.50	.42	.37	.49	.42	.37	.48	.41	.37	.47	.41	.36	.46	.40	.36	.35
10.0	.46	.39	.34	.45	.38	.34	.44	.38	.33	.43	.38	.33	.43	.37	.33	.32



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:01  
Test Date:2023-03-02

γ Range: 0 - 100DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:8.750m [K=1.0000]  
Remarks:

## WEC AND CCEC

Test:U:240.84V I:0.2643A P:60.102W PF:0.9441 Freq:49.99Hz Lamp Flux:9448.34x1 lm		
NAME: ECOHB120LSE5G7 with PC Reflector and lens	TYPE:Highbay	WEIGHT:
SPEC.:DIP60W	DIM.: D290	SERIAL No.:
MFR.: Eastfield	SUR.:D238	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	.250	.142	.045	.243	.139	.044	.230	.132	.042	.218	.126	.040	.207	.120	.039		
2.0	.241	.132	.040	.235	.129	.040	.223	.124	.039	.212	.119	.037	.203	.115	.036		
3.0	.227	.121	.036	.222	.119	.036	.212	.115	.035	.203	.111	.034	.194	.107	.033		
4.0	.214	.111	.033	.209	.109	.032	.200	.106	.032	.192	.103	.031	.184	.100	.030		
5.0	.201	.102	.030	.197	.101	.029	.189	.098	.029	.181	.096	.028	.175	.093	.028		
6.0	.189	.095	.027	.185	.094	.027	.178	.091	.027	.172	.089	.026	.165	.087	.026		
7.0	.178	.088	.025	.175	.087	.025	.169	.085	.025	.163	.083	.024	.157	.082	.024		
8.0	.168	.082	.023	.165	.081	.023	.160	.080	.023	.154	.078	.023	.149	.077	.022		
9.0	.159	.077	.021	.156	.076	.021	.151	.075	.021	.147	.073	.021	.142	.072	.021		
10.0	.151	.072	.020	.148	.072	.020	.144	.070	.020	.139	.069	.020	.135	.068	.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	.195	.195	.195	.167	.167	.167	.114	.114	.114	.065	.065	.065	.021	.021	.021		
1.0	.181	.161	.144	.155	.138	.124	.106	.095	.086	.061	.055	.050	.020	.018	.016		
2.0	.170	.137	.109	.146	.118	.094	.100	.082	.066	.058	.047	.038	.018	.015	.013		
3.0	.161	.119	.085	.138	.102	.074	.095	.071	.052	.055	.042	.030	.018	.013	.010		
4.0	.153	.105	.068	.131	.091	.059	.090	.063	.042	.052	.037	.025	.017	.012	.008		
5.0	.146	.094	.056	.125	.081	.049	.086	.057	.035	.050	.033	.021	.016	.011	.007		
6.0	.139	.086	.047	.119	.074	.041	.082	.052	.029	.048	.031	.017	.015	.010	.006		
7.0	.132	.079	.041	.114	.068	.036	.079	.048	.025	.046	.028	.015	.015	.009	.005		
8.0	.127	.073	.036	.109	.063	.031	.075	.044	.022	.044	.026	.013	.014	.009	.004		
9.0	.121	.068	.032	.104	.059	.028	.072	.041	.020	.042	.024	.012	.014	.008	.004		
10.0	.116	.064	.029	.100	.055	.025	.069	.039	.018	.040	.023	.011	.013	.008	.004		

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2023-03-02

γ Range: 0 - 100DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
 Humidity:65.0%  
 Test Distance:8.750m [K=1.0000]  
 Remarks:

## UGR(Unified Glare Rating) Table

Test:U:240.84V I:0.2643A P:60.102W PF:0.9441 Freq:49.99Hz Lamp Flux:9448.34x1 lm										
NAME: ECOHB120LSE5G7 with PC Reflector and lens					TYPE:Highbay			WEIGHT:		
SPEC.:DIP60W					DIM.: D290			SERIAL No.:		
MFR.: Eastfield					SUR.:D238			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	24.7	26.1	25.0	26.3	26.5	24.7	26.0	25.0	26.2	26.4
3H	25.2	26.5	25.5	26.7	26.9	25.2	26.4	25.5	26.7	26.9
4H	25.4	26.6	25.7	26.8	27.1	25.4	26.5	25.7	26.8	27.1
6H	25.5	26.5	25.8	26.8	27.1	25.5	26.6	25.8	26.8	27.1
8H	25.5	26.5	25.8	26.8	27.1	25.5	26.5	25.8	26.8	27.1
12H	25.5	26.4	25.8	26.7	27.0	25.5	26.5	25.8	26.8	27.1
4H 2H	24.9	26.1	25.2	26.3	26.6	24.9	26.0	25.2	26.3	26.6
3H	25.6	26.6	25.9	26.9	27.2	25.6	26.5	25.9	26.8	27.1
4H	25.9	26.8	26.3	27.1	27.4	25.8	26.7	26.2	27.1	27.4
6H	26.0	26.8	26.4	27.1	27.5	26.0	26.8	26.4	27.1	27.5
8H	26.0	26.7	26.4	27.1	27.5	26.0	26.7	26.4	27.1	27.5
12H	26.0	26.7	26.5	27.1	27.5	26.0	26.7	26.5	27.1	27.5
8H 4H	25.9	26.6	26.3	27.0	27.4	25.9	26.6	26.3	27.0	27.4
6H	26.1	26.7	26.5	27.1	27.5	26.1	26.7	26.5	27.1	27.5
8H	26.1	26.7	26.6	27.1	27.6	26.1	26.7	26.6	27.1	27.6
12H	26.2	26.6	26.7	27.1	27.6	26.2	26.7	26.7	27.1	27.6
12H 4H	25.9	26.6	26.3	26.9	27.4	25.8	26.5	26.3	26.9	27.3
6H	26.1	26.6	26.5	27.0	27.5	26.1	26.6	26.5	27.0	27.5
8H	26.1	26.6	26.6	27.0	27.5	26.1	26.6	26.6	27.1	27.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.6 / - 0.8					+ 0.6 / - 0.8				
1.5H	+ 0.9 / - 0.6					+ 1.0 / - 0.7				
2.0H	+ 1.0 / - 1.0					+ 1.0 / - 0.8				

CIE Pub.117, 9448 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 7.8$ )  
Area: 0.0444 m<sup>2</sup>

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:01  
Test Date:2023-03-02

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:8.750m [K=1.0000]  
Remarks:

## UTILIZATION FACTORS TABLE

Test:U:240.84V I:0.2643A P:60.102W PF:0.9441 Freq:49.99Hz Lamp Flux:9448.34x1 lm		
NAME: ECOHB120LSE5G7 with PC Reflector and lens	TYPE:Highbay	WEIGHT:
SPEC.:DIP60W	DIM.: D290	SERIAL No.:
MFR.: Eastfield	SUR.:D238	Shielding Angle:

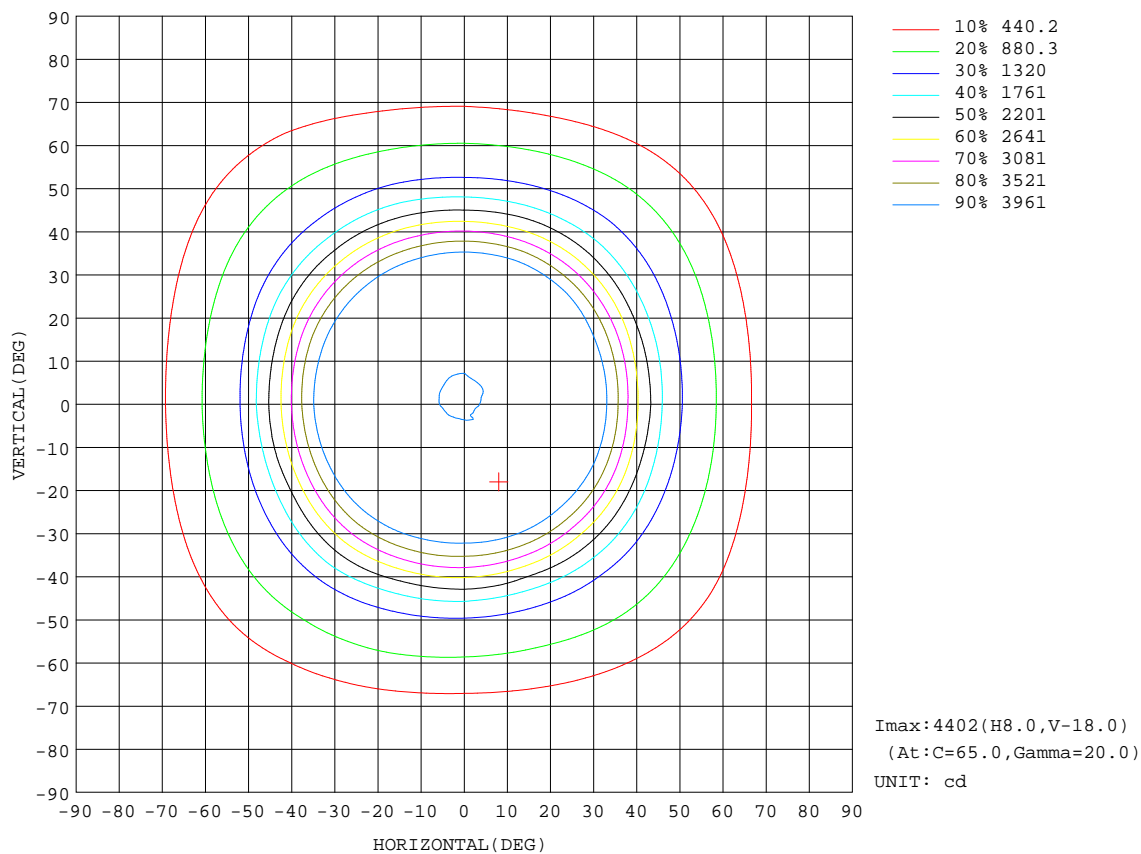
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	68	58	52	67	58	52	66	57	52	47
0.80	77	68	62	77	68	62	75	67	61	56
1.00	85	76	70	84	76	70	82	76	69	64
1.25	91	83	77	90	82	77	87	81	76	70
1.50	95	88	82	94	87	82	91	85	81	74
2.00	101	94	89	99	93	88	96	91	87	80
2.50	104	98	93	102	96	92	98	94	90	83
3.00	106	101	97	104	99	95	100	97	93	86
4.00	109	105	101	107	103	100	103	100	97	89
5.00	111	107	104	109	105	103	104	102	99	91
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:01  
 Test Date:2023-03-02

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
 Humidity:65.0%  
 Test Distance:8.750m [K=1.0000]  
 Remarks:

## ISOCANDELA DIAGRAM

Test:U:240.84V I:0.2643A P:60.102W PF:0.9441 Freq:49.99Hz Lamp Flux:9448.34x1 lm		
NAME: ECOHB120LSE5G7 with PC Reflector and lens	TYPE:Highbay	WEIGHT:
SPEC.:DIP60W	DIM.: D290	SERIAL No.:
MFR.: Eastfield	SUR.:D238	Shielding Angle:



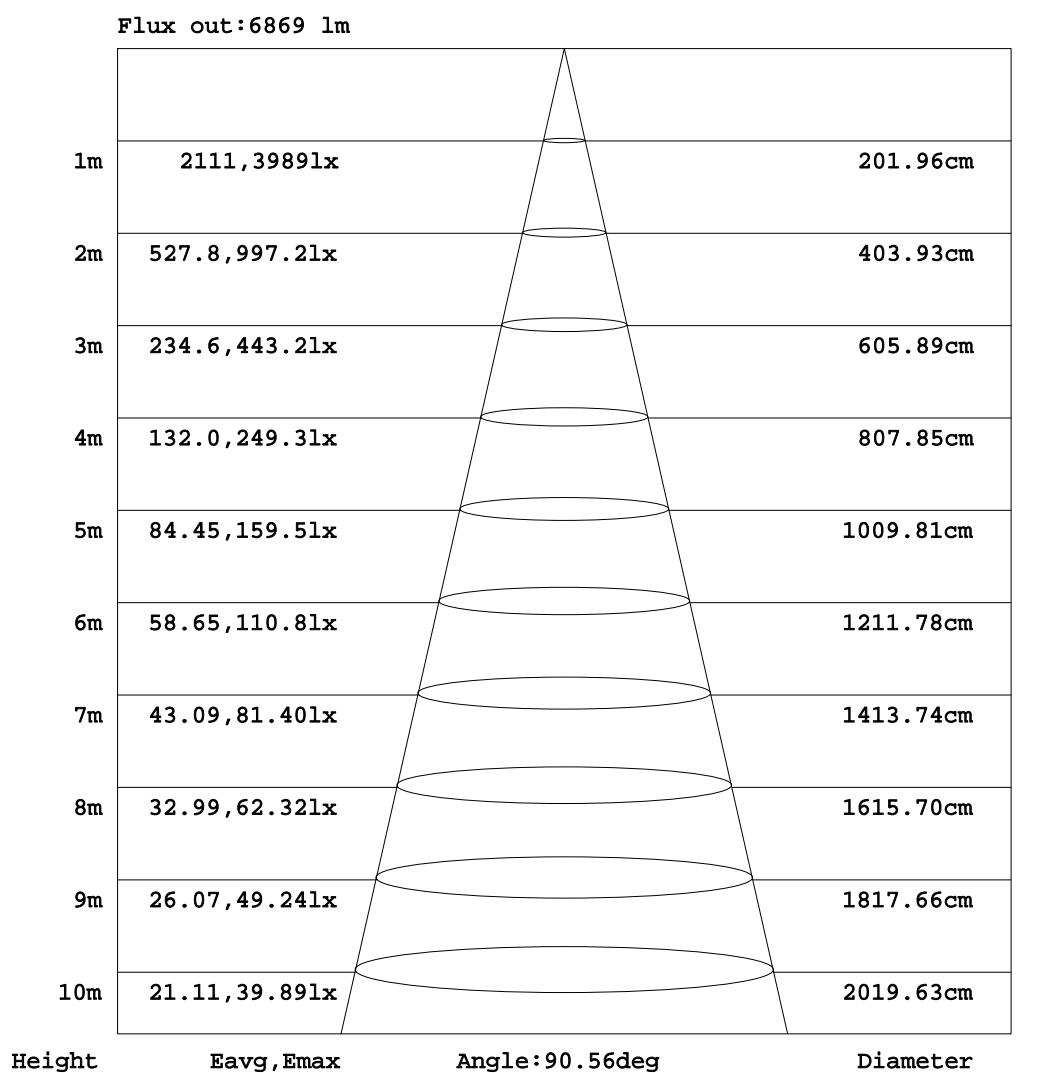
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:01  
Test Date:2023-03-02

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
Humidity:65.0%  
Test Distance:8.750m [K=1.0000]  
Remarks:



## AAI Figure

Test:U:240.84V I:0.2643A P:60.102W PF:0.9441 Freq:49.99Hz Lamp Flux:9448.34x1 lm		
NAME: ECOHB120LSE5G7 with PC Reflector and lens	TYPE:Highbay	WEIGHT:
SPEC.:DIP60W	DIM.: D290	SERIAL No.:
MFR.: Eastfield	SUR.:D238	Shielding Angle:



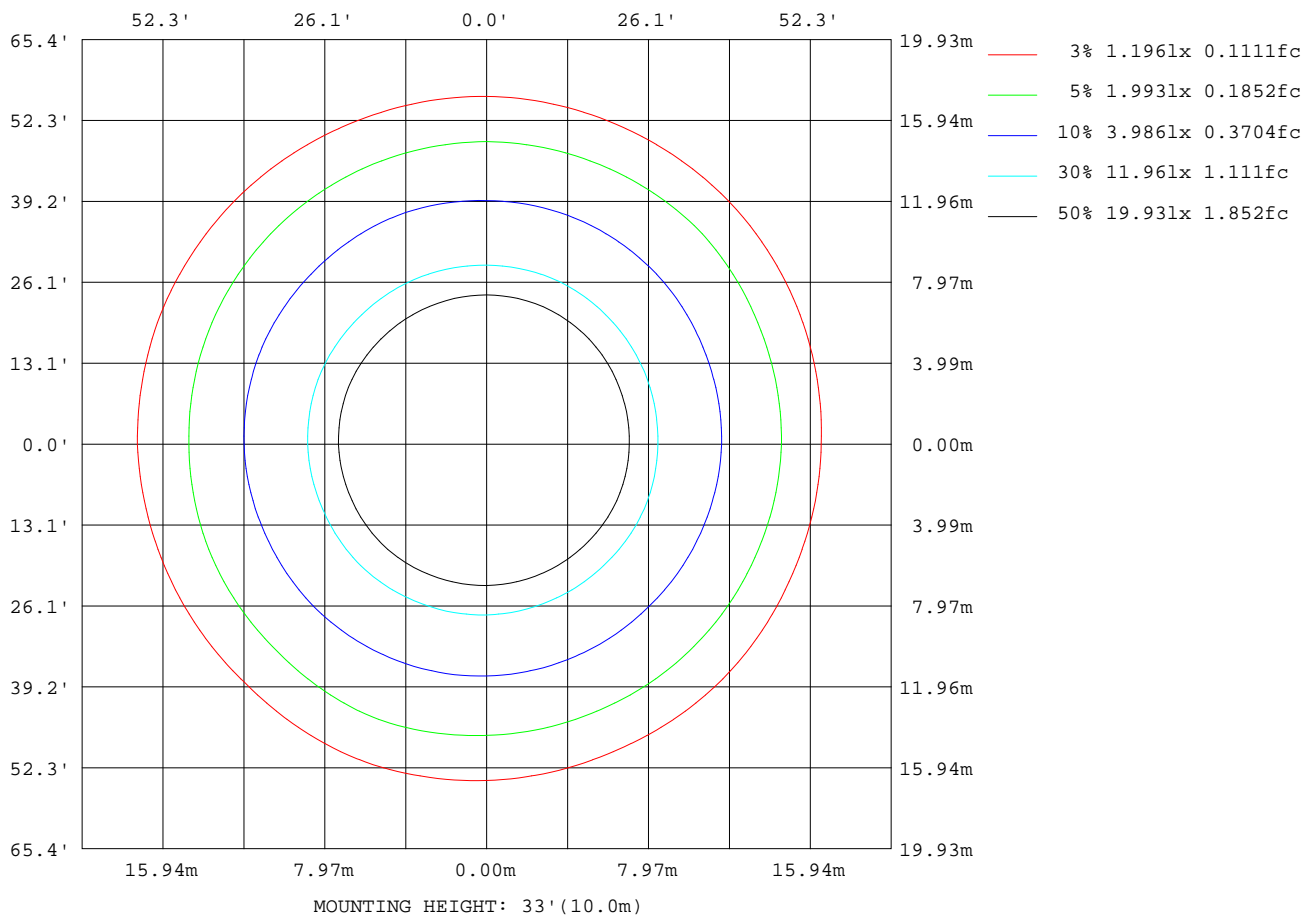
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2023-03-02

γ Range: 0 - 100DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
 Humidity:65.0%  
 Test Distance:8.750m [K=1.0000]  
 Remarks:

## ISOLUX DIAGRAM

Test:U:240.84V I:0.2643A P:60.102W PF:0.9441 Freq:49.99Hz Lamp Flux:9448.34x1 lm		
NAME: ECOHB120LSE5G7 with PC Reflector and lens	TYPE:Highbay	WEIGHT:
SPEC.:DIP60W	DIM.: D290	SERIAL No.:
MFR.: Eastfield	SUR.:D238	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: 01  
Test Date: 2023-03-02

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
Humidity: 65.0%  
Test Distance: 8.750m [K=1.0000]  
Remarks:

## LED Avg.L Report

Test:U:240.84V I:0.2643A P:60.102W PF:0.9441 Freq:49.99Hz Lamp Flux:9448.34x1 lm		
NAME: ECOHB120LSE5G7 with PC Reflector and lens	TYPE:Highbay	WEIGHT:
SPEC.:DIP60W	DIM.: D290	SERIAL No.:
MFR.: Eastfield	SUR.:D238	Shielding Angle:

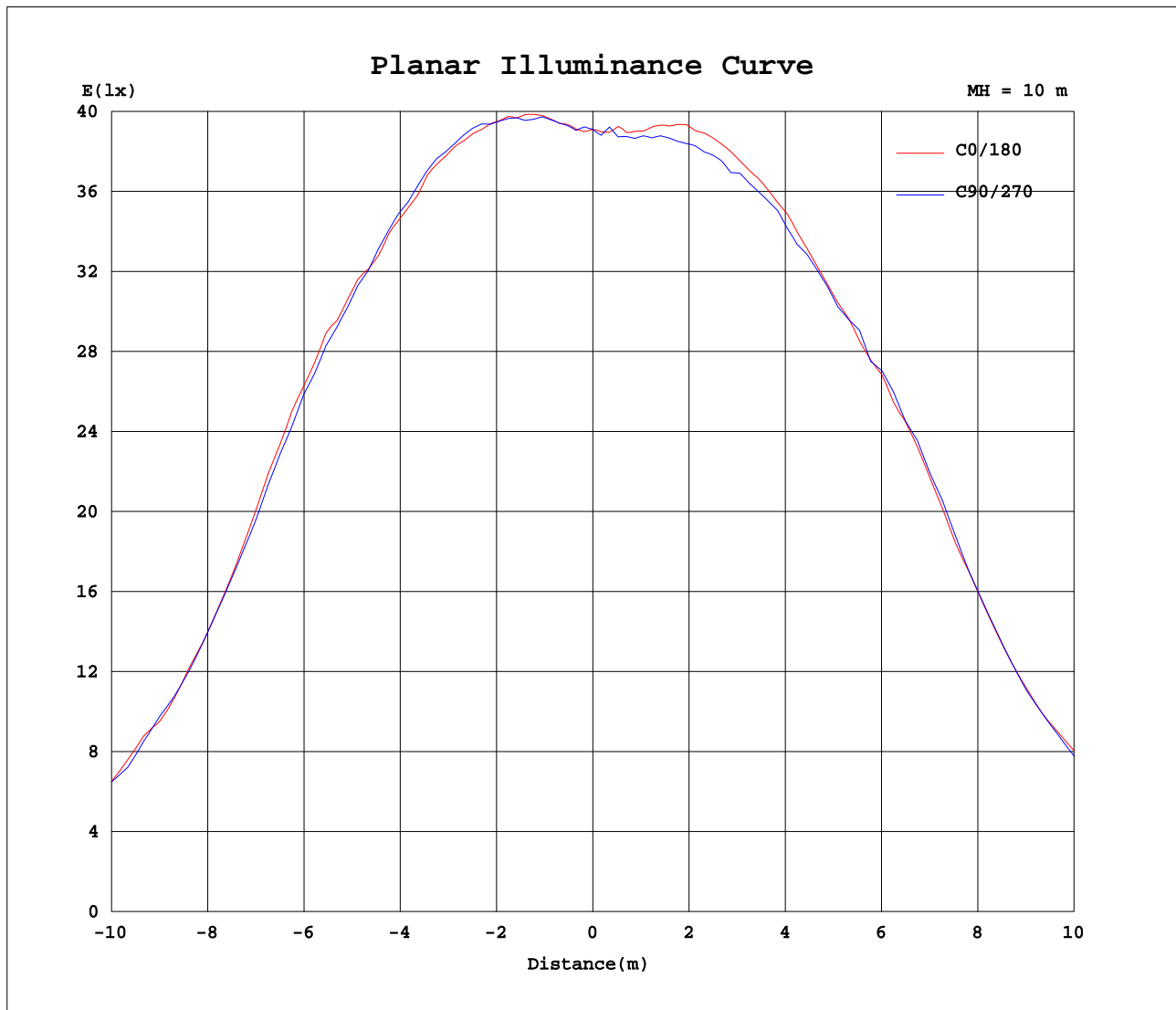
AvgL	cd/m2
L_0~180(65)av	30406
L_0~180(75)av	20736
L_0~180(85)av	15805
L_90~270(65)av	30649
L_90~270(75)av	21866
L_90~270(85)av	15609
L_45(65)av	30424
L_45(75)av	21785
L_45(85)av	15641

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2023-03-02

γ Range: 0 - 100DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
 Humidity:65.0%  
 Test Distance:8.750m [K=1.0000]  
 Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: 01  
Test Date: 2023-03-02

$\gamma$  Range: 0 - 100DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
Humidity: 65.0%  
Test Distance: 8.750m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.84V I:0.2643A P:60.102W PF:0.9441 Freq:49.99Hz Lamp Flux:9448.34x1 lm																		
NAME: ECOHB120LSE5G7 with PC Relfector and lens										TYPE:Highbay					WEIGHT:			
SPEC.:DIP60W										DIM.: D290					SERIAL No.:			
MFR.: Eastfield										SUR.:D238					Shielding 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	3910	3910	3910	3910	3910	3910	3910	3910	3910	3910	3910	3910	3910	3910	3910	3910	3910	3910	3910
5	4008	4011	4014	4016	4018	4021	4019	4019	4018	4017	4017	4017	4017	4018	4015	4012	4011	4008	4004
10	4162	4160	4158	4157	4157	4156	4156	4155	4155	4155	4157	4160	4163	4167	4167	4163	4158	4155	4151
15	4276	4280	4284	4287	4291	4292	4293	4293	4293	4292	4295	4298	4302	4305	4306	4307	4306	4307	4308
20	4316	4323	4330	4334	4339	4347	4357	4369	4380	4391	4394	4396	4399	4402	4400	4393	4386	4379	4372
25	4316	4322	4326	4329	4333	4334	4330	4326	4322	4319	4321	4326	4331	4337	4336	4330	4323	4317	4306
30	4230	4232	4232	4232	4237	4228	4217	4203	4191	4179	4176	4176	4174	4173	4170	4165	4159	4155	4146
35	3650	3642	3635	3629	3620	3609	3590	3573	3555	3538	3537	3538	3538	3539	3543	3548	3553	3559	3562
40	2706	2690	2680	2668	2659	2644	2623	2605	2588	2570	2573	2577	2581	2585	2597	2617	2637	2657	2675
45	1845	1854	1855	1859	1857	1851	1838	1822	1809	1792	1787	1783	1779	1775	1779	1791	1807	1822	1833
50	1357	1343	1327	1312	1298	1285	1276	1267	1258	1249	1249	1250	1251	1252	1256	1265	1272	1280	1288
55	1115	1105	1095	1086	1075	1068	1065	1061	1056	1052	1050	1048	1046	1045	1046	1052	1057	1063	1070
60	769	764	759	754	749	748	752	755	758	762	762	761	761	761	765	773	781	789	798
65	511	511	510	510	510	510	511	512	513	514	515	515	515	516	517	519	521	523	525
70	336	337	338	340	341	340	336	332	328	324	326	328	331	333	335	336	338	339	340
75	215	219	223	228	231	233	229	227	224	221	222	223	223	224	225	226	228	229	231
80	91.6	92.2	92.9	93.4	93.9	93.7	93.5	93.6	93.2	93.0	93.8	94.3	94.9	95.6	96.6	98.0	99.6	101	102
85	54.1	53.9	53.7	53.6	53.5	53.4	53.2	53.1	53.1	52.9	53.4	54.0	54.6	55.1	55.6	56.0	56.4	56.8	57.1
90	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.3	41.4	41.4	41.8	42.3	42.7	43.2	43.5	43.8	44.0	44.3	44.5
95	50.5	50.5	50.5	50.4	50.4	50.3	50.1	49.8	49.6	49.3	49.4	49.5	49.5	49.6	49.7	49.8	50.0	50.1	50.2
100	58.9	57.0	53.3	53.4	54.3	58.9	59.4	55.6	59.2	60.3	57.9	59.7	60.9	60.9	61.0	62.5	62.2	59.6	67.0
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: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2023-03-02

γ Range: 0 - 100DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
 Humidity:65.0%  
 Test Distance:8.750m [K=1.0000]  
 Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.84V I:0.2643A P:60.102W PF:0.9441 Freq:49.99Hz Lamp Flux:9448.34x1 lm																			
NAME: ECOHB120LSE5G7 with PC Relfector and lens										TYPE:Highbay					WEIGHT:				
SPEC.:DIP60W										DIM.: D290					SERIAL No.:				
MFR.: Eastfield										SUR.:D238					Shielding Angle:				

Table--2

UNIT: cd

C(DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	3910	3910	3910	3910	3910	3910	3910	3910	3910	3910	3910	3910	3910	3910	3910	3910	3910	3910	3910
5	4001	3999	3997	3994	3991	3989	3986	3984	3980	3980	3979	3978	3979	3972	3966	3960	3953	3946	3944
10	4149	4149	4148	4147	4148	4151	4154	4157	4160	4155	4149	4144	4138	4133	4130	4127	4124	4121	4112
15	4305	4301	4299	4295	4291	4283	4274	4266	4259	4257	4257	4256	4256	4256	4256	4256	4257	4257	4241
20	4372	4372	4372	4373	4371	4365	4360	4355	4349	4348	4346	4345	4343	4343	4345	4346	4348	4349	4336
25	4311	4312	4313	4315	4314	4312	4310	4307	4305	4306	4307	4309	4311	4315	4320	4324	4329	4334	4329
30	4160	4172	4181	4194	4200	4200	4204	4207	4211	4225	4240	4257	4269	4277	4266	4260	4254	4245	4238
35	3581	3598	3614	3632	3652	3677	3704	3729	3754	3772	3790	3807	3826	3846	3873	3899	3924	3950	3955
40	2694	2710	2725	2742	2764	2794	2823	2852	2881	2899	2916	2933	2950	2974	3006	3037	3068	3099	3117
45	1860	1886	1913	1940	1958	1968	1977	1987	1997	2017	2045	2068	2091	2120	2161	2196	2231	2275	2273
50	1298	1306	1316	1324	1335	1349	1363	1376	1389	1397	1405	1413	1422	1436	1454	1475	1495	1514	1526
55	1080	1091	1102	1114	1118	1114	1111	1107	1103	1108	1113	1118	1122	1126	1128	1131	1133	1135	1143
60	806	815	824	833	836	833	830	826	824	834	846	857	868	880	893	906	918	932	935
65	531	538	544	550	554	553	553	553	553	559	566	572	579	587	598	609	619	630	633
70	343	346	349	352	355	357	360	363	365	368	371	373	376	381	389	397	404	412	417
75	230	230	229	229	229	231	233	235	237	238	239	241	242	245	249	253	257	262	266
80	105	107	109	111	114	118	122	126	129	130	131	132	133	136	141	145	150	154	156
85	57.9	58.7	59.5	60.3	60.8	61.0	61.3	61.5	61.6	61.5	61.4	61.3	61.1	61.9	63.5	65.1	66.6	68.2	68.8
90	44.5	44.5	44.5	44.5	44.2	43.7	43.2	42.7	42.2	41.8	41.3	40.9	40.5	40.5	41.0	41.5	42.0	42.5	42.7
95	50.3	50.4	50.5	50.6	50.5	50.2	49.8	49.5	49.1	48.7	48.3	47.8	47.4	46.9	46.3	45.6	45.0	44.4	44.2
100	60.0	62.9	64.4	63.5	63.6	63.7	62.7	61.0	63.5	62.2	58.6	62.1	61.4	56.5	55.0	54.2	56.8	57.6	55.8
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: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2023-03-02

γ Range: 0 - 100DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
 Humidity:65.0%  
 Test Distance:8.750m [K=1.0000]  
 Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.84V I:0.2643A P:60.102W PF:0.9441 Freq:49.99Hz Lamp Flux:9448.34x1 lm																			
NAME: ECOHB120LSE5G7 with PC Relfector and lens										TYPE:Highbay					WEIGHT:				
SPEC.:DIP60W										DIM.: D290					SERIAL No.:				
MFR.: Eastfield										SUR.:D238					Shielding 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	3910	3910	3910	3910	3910	3910	3910	3910	3910	3910	3910	3910	3910	3910	3910	3910	3910	3910	3910
5	3941	3939	3936	3933	3925	3917	3911	3902	3905	3905	3908	3909	3911	3911	3910	3909	3910	3916	3923
10	4103	4095	4086	4077	4069	4061	4052	4044	4041	4039	4036	4033	4032	4032	4032	4031	4031	4041	4050
15	4225	4208	4193	4181	4173	4166	4158	4152	4149	4148	4145	4143	4145	4149	4153	4159	4164	4165	4167
20	4323	4311	4298	4288	4282	4275	4268	4262	4258	4256	4253	4250	4253	4261	4268	4275	4282	4288	4293
25	4325	4320	4316	4307	4292	4277	4261	4248	4249	4251	4253	4255	4262	4274	4286	4297	4309	4308	4308
30	4230	4221	4209	4208	4209	4212	4213	4216	4226	4236	4247	4258	4261	4257	4250	4252	4235	4257	4258
35	3961	3966	3972	3974	3975	3975	3975	3975	3980	3986	3989	3994	3996	3996	3996	3996	3994	3993	3989
40	3134	3152	3169	3174	3169	3163	3156	3150	3147	3143	3140	3136	3132	3127	3122	3117	3113	3097	3083
45	2280	2286	2289	2285	2269	2255	2234	2225	2237	2251	2264	2276	2273	2255	2237	2219	2200	2199	2197
50	1536	1546	1559	1564	1562	1562	1561	1561	1565	1569	1573	1577	1574	1564	1553	1544	1533	1529	1523
55	1149	1156	1163	1168	1171	1174	1177	1180	1184	1188	1192	1197	1198	1198	1197	1197	1196	1195	1194
60	940	944	948	949	947	945	944	942	937	932	927	922	918	917	915	914	912	906	899
65	637	640	643	645	646	647	649	650	645	640	635	630	627	627	626	626	626	617	609
70	421	426	430	433	435	437	439	441	435	428	422	416	412	411	409	408	406	399	392
75	271	275	280	283	286	288	290	292	289	286	283	279	277	276	274	273	272	268	265
80	158	161	163	163	164	165	166	167	163	159	154	150	147	144	141	139	135	132	129
85	69.3	69.9	70.4	70.6	71.0	71.1	71.2	71.3	70.2	69.0	67.7	66.5	65.6	65.2	64.7	64.3	63.7	62.9	62.1
90	43.0	43.2	43.5	43.5	43.5	43.4	43.3	43.2	42.9	42.6	42.4	42.1	42.1	42.2	42.4	42.5	42.7	42.6	42.4
95	44.0	43.8	43.5	43.4	43.5	43.6	43.6	43.7	43.9	44.1	44.2	44.4	44.6	44.8	45.1	45.3	45.5	45.8	46.0
100	52.3	52.2	52.7	56.6	56.8	53.2	56.1	56.8	54.4	55.6	56.3	56.0	55.8	56.7	55.5	53.2	59.5	53.4	56.2
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: 5.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:01  
 Test Date:2023-03-02

γ Range: 0 - 100DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
 Humidity:65.0%  
 Test Distance:8.750m [K=1.0000]  
 Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.84V I:0.2643A P:60.102W PF:0.9441 Freq:49.99Hz Lamp Flux:9448.34x1 lm																	
NAME: ECOHB120LSE5G7 with PC Relfector and lens									TYPE:Highbay						WEIGHT:		
SPEC.:DIP60W									DIM.: D290						SERIAL No.:		
MFR.: Eastfield									SUR.:D238						Shielding 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	3910	3910	3910	3910	3910	3910	3910	3910	3910	3910	3910	3910	3910	3910	3910				
5	3930	3934	3935	3933	3929	3929	3925	3939	3947	3959	3969	3978	3986	3993	4001				
10	4059	4068	4077	4085	4094	4102	4110	4113	4115	4117	4119	4125	4134	4142	4152				
15	4170	4173	4176	4181	4186	4190	4195	4204	4213	4223	4232	4241	4250	4259	4268				
20	4299	4304	4304	4297	4291	4284	4279	4286	4295	4304	4310	4315	4316	4317	4317				
25	4307	4306	4303	4296	4288	4282	4276	4277	4279	4281	4283	4288	4296	4304	4311				
30	4271	4277	4276	4266	4255	4243	4235	4235	4236	4238	4238	4240	4235	4234	4233				
35	3986	3983	3969	3945	3923	3899	3876	3847	3818	3789	3761	3734	3714	3693	3671				
40	3069	3055	3034	3006	2977	2949	2921	2892	2863	2835	2808	2784	2762	2742	2722				
45	2195	2191	2177	2153	2129	2105	2081	2052	2022	1993	1964	1939	1915	1894	1874				
50	1519	1513	1506	1496	1487	1477	1467	1450	1434	1417	1401	1390	1380	1373	1366				
55	1193	1192	1192	1194	1195	1196	1197	1184	1171	1158	1145	1136	1130	1125	1120				
60	893	887	880	875	869	863	858	849	840	831	822	812	802	791	780				
65	600	592	585	580	576	571	567	561	555	550	544	538	531	524	518				
70	384	377	372	370	368	365	363	357	352	347	341	338	338	337	336				
75	262	258	256	255	254	252	251	248	246	243	241	236	231	225	220				
80	126	122	119	115	111	108	104	101	99.5	96.8	94.5	93.6	93.3	92.8	92.1				
85	61.1	60.3	59.4	58.6	57.8	57.0	56.2	55.5	54.9	54.3	53.6	53.4	53.5	53.7	53.9				
90	42.3	42.2	42.0	41.7	41.4	41.1	40.8	40.9	41.1	41.2	41.3	41.4	41.3	41.3	41.3				
95	46.3	46.6	47.0	47.4	47.9	48.4	48.9	49.0	49.2	49.4	49.5	49.7	49.9	50.1	50.3				
100	57.0	56.1	56.6	57.2	56.7	55.6	58.5	57.7	54.5	58.5	58.3	53.9	53.1	53.1	56.9				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
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γ Range: 0 - 100DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.421  
 Humidity:65.0%  
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 Remarks: