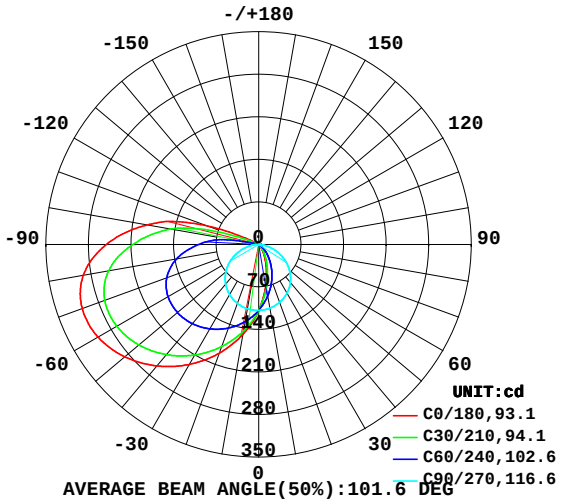
EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: ANNO TAPE SV TW	TYPE: ANNOSV-D2-24-2750-160 (IP20)	WEIGHT:
SPEC.: 2700K+5000K/16W	DIM.:	SERIAL No.:
MFR.: Beamever	SUR.: 0.01*1	Shielding Angle:

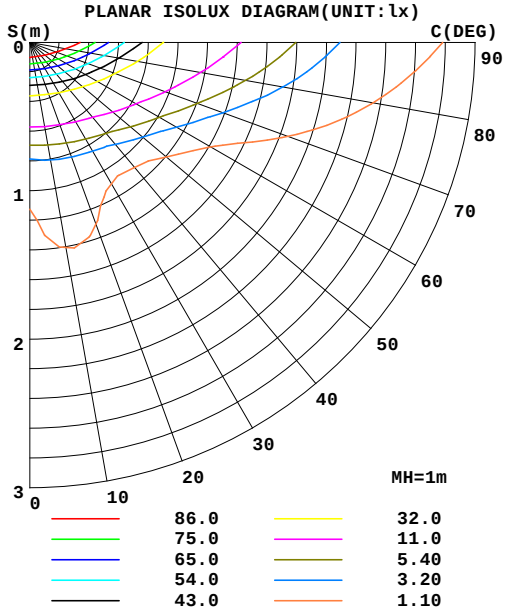
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 14.40 lm/W	
MODEL: ANNOSV-D2-24-2750-160 (IP20)		Imax(cd)	309.5	S/MH(C0/180)	2.85
NOMINAL POWER(W)	16	LOR(%)	100.0	S/MH(C90/270)	1.31
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	755.00	η UP,DN(C0-180)	4.8,33.0
NOMINAL FLUX(lm)	755	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	9.5,52.8
LAMPS INSIDE	1	η up(%)	14.3	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	24	η down(%)	85.7	CIBSE SHR MAX	0.20

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):101.6 DEG

PLANAR ISOLUX DIAGRAM(UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-11-08

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:11.200m [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	68.82	79.65	106.6	137.2	150.0	136.8	107.6	79.35	0- 10	10.35	10.35	1.37,1.37
20	36.13	52.47	101.5	163.6	190.5	162.7	103.3	52.32	10- 20	30.61	40.96	5.42,5.42
30	15.39	30.55	93.14	186.8	228.0	185.4	95.79	30.63	20- 30	50.01	90.96	12,12
40	5.147	15.05	81.51	205.7	261.0	203.6	84.94	15.50	30- 40	68.40	159.4	21.1,21.1
50	3.504	6.409	66.57	218.8	287.8	216.2	70.85	7.459	40- 50	85.35	244.7	32.4,32.4
60	2.901	2.791	48.61	224.0	305.2	221.2	53.66	3.989	50- 60	99.14	343.9	45.5,45.5
70	2.545	1.806	29.06	217.8	309.0	215.7	34.24	3.071	60- 70	106.8	450.7	59.7,59.7
80	2.331	1.295	10.89	196.3	293.0	194.3	15.44	2.339	70- 80	105.0	555.7	73.6,73.6
90	2.072	1.041	0	159.5	250.8	153.4	0.0406	1.289	80- 90	91.45	647.2	85.7,85.7
100	1.797	0.9552	0	98.65	186.4	92.93	0	0.8395	90-100	68.34	715.5	94.8,94.8
110	1.779	0.9697	0	20.40	88.94	20.09	0	0.9642	100-110	32.61	748.1	99.1,99.1
120	1.701	1.076	0.0276	0.0287	0.4338	0	0	0.9942	110-120	5.459	753.6	99.8,99.8
130	1.561	1.043	0.1137	0.0287	0	0	0	1.003	120-130	0.4405	754.0	99.9,99.9
140	1.374	0.8986	0.2266	0.0287	0	0	0.0283	0.9642	130-140	0.3658	754.4	99.9,99.9
150	1.153	0.8195	0.3486	0.0574	0	0	0.0283	0.8609	140-150	0.2734	754.7	100,100
160	0.8778	0.6540	0.4373	0.1004	0	0.0278	0.0850	0.7603	150-160	0.1845	754.9	100,100
170	0.6458	0.5393	0.5032	0.2299	0.1642	0.1250	0.1413	0.6454	160-170	0.1032	755.0	100,100
180	0.3558	0.4167	0.5381	0.5452	0.1916	0.2361	0.5098	0.5309	170-180	0.0371	755.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 200.05 lm

%lum = 26.5%
%lamp = 26.5%

Conical surface Flux(120deg): 343.86 lm

%lum = 45.5%
%lamp = 45.5%

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-11-08

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:11.200m [K=1.0000]
Remarks:

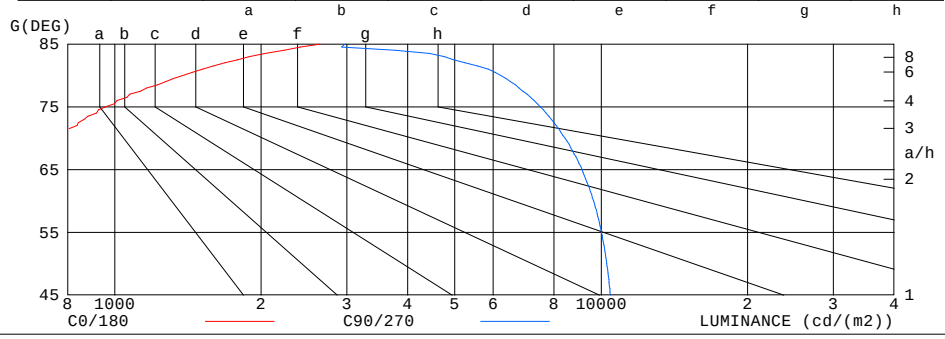
EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINANCE LIMITATION CURVES

NAME: ANNO TAPE SV TW	**TYPE: ANNOSV-D2-24-2750-160 (WZ20)**	**WEIGHT:**
SPEC.: 2700K+5000K/16W	**DIM.:**	**SERIAL No.:**
MFR.: Beamever	**SUR.: 0.01*1**	**Shielding Angle:**

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	2644	2969
80	1378	6219
75	955	7507
70	764	8428
65	658	9132
60	596	9645
55	578	10014
50	560	10274
45	560	10441

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-11-08

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:11.200m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

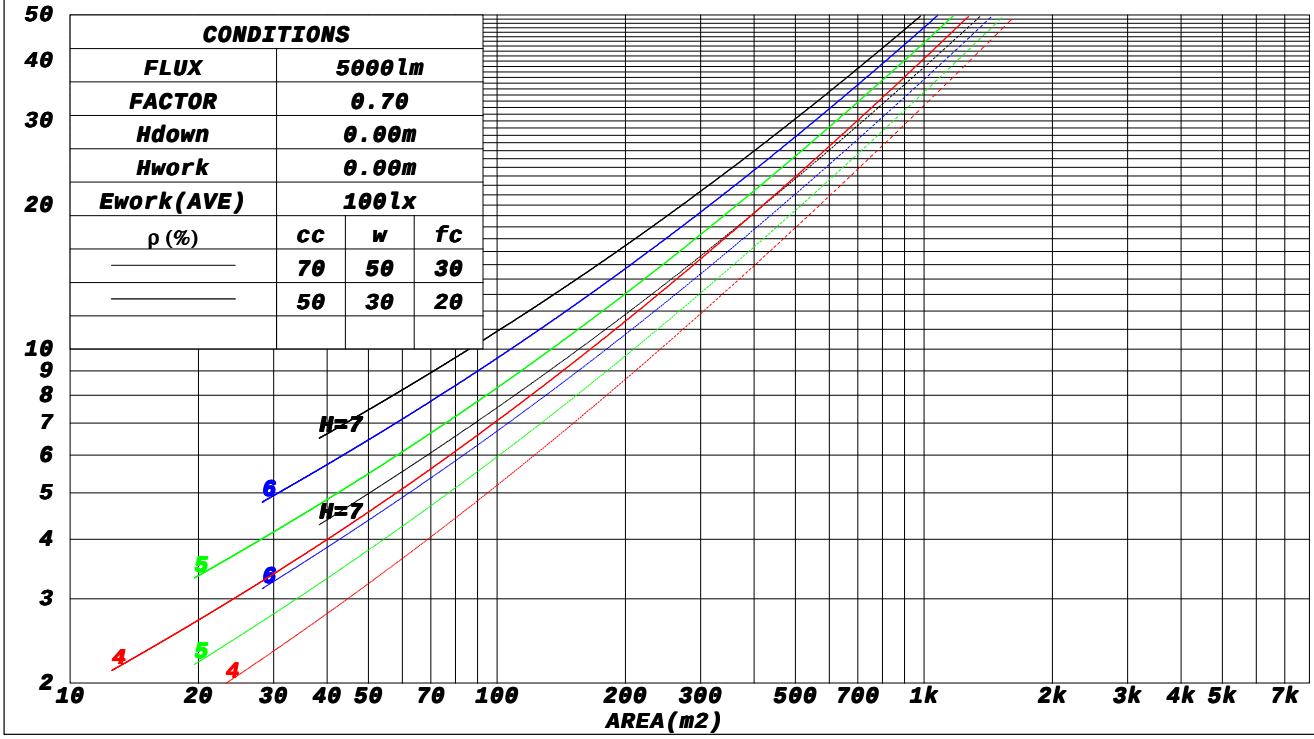
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: ANNO TAPE SV TW	TYPE: ANNOSV-D2-24-2750-160 (WEIGHT:	
SPEC.: 2700K+5000K/16W	DIM.:	SERIAL No.:
MFR.: Beamever	SUR.: 0.01*1	Shielding 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			Coefficients of Utilization(CU)												
0.0	1.16	1.16	1.16	1.11	1.11	1.11	1.03	1.03	1.03	.96	.96	.96	.89	.89	.89	.86
1.0	.92	.86	.80	.89	.83	.77	.81	.77	.72	.75	.71	.67	.69	.66	.63	.60
2.0	.77	.68	.60	.74	.66	.59	.68	.61	.55	.62	.57	.52	.57	.52	.48	.45
3.0	.66	.56	.48	.63	.54	.46	.58	.50	.43	.53	.46	.41	.48	.43	.38	.35
4.0	.57	.47	.39	.55	.45	.38	.50	.42	.35	.46	.39	.33	.42	.36	.31	.28
5.0	.50	.40	.32	.48	.39	.31	.44	.36	.30	.41	.34	.28	.37	.31	.26	.23
6.0	.45	.35	.27	.43	.33	.27	.40	.31	.25	.36	.29	.24	.33	.27	.22	.20
7.0	.40	.30	.24	.39	.29	.23	.36	.28	.22	.33	.26	.21	.30	.24	.19	.17
8.0	.36	.27	.21	.35	.26	.20	.32	.25	.19	.30	.23	.18	.28	.22	.17	.15
9.0	.33	.24	.18	.32	.23	.18	.30	.22	.17	.27	.21	.16	.25	.20	.15	.13
10.0	.30	.22	.16	.29	.21	.16	.27	.20	.15	.25	.19	.14	.24	.18	.14	.12

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-11-08

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:11.200m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

WEC AND CCEC

NAME: ANNO TAPE SV TW	TYPE: ANNOSV-D2-24-2750-160 (WEIGHT:	
SPEC.: 2700K+5000K/16W	DIM.:	SERIAL No.:
MFR.: Beamever	SUR.: 0.01*1	Shielding 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 Coeffcients(WEC)												
0.0																
1.0	.464	.264	.084	.452	.258	.082	.430	.247	.079	.410	.236	.076	.391	.227	.073	
2.0	.386	.211	.065	.375	.207	.064	.355	.197	.061	.337	.189	.059	.319	.181	.057	
3.0	.334	.178	.053	.325	.174	.052	.306	.166	.050	.290	.159	.049	.274	.152	.047	
4.0	.296	.154	.045	.287	.150	.044	.270	.143	.043	.255	.137	.041	.241	.131	.040	
5.0	.265	.135	.039	.257	.132	.038	.242	.126	.037	.229	.121	.036	.216	.115	.035	
6.0	.240	.120	.034	.233	.118	.034	.220	.113	.033	.207	.108	.032	.195	.103	.031	
7.0	.220	.109	.031	.213	.106	.030	.201	.102	.029	.190	.097	.028	.179	.093	.027	
8.0	.202	.099	.028	.196	.097	.027	.185	.093	.026	.175	.089	.026	.165	.085	.025	
9.0	.187	.091	.025	.182	.089	.025	.172	.085	.024	.162	.081	.023	.153	.078	.022	
10.0	.175	.084	.023	.170	.082	.023	.160	.079	.022	.151	.075	.021	.143	.072	.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	.299	.299	.299	.256	.256	.256	.175	.175	.175	.100	.100	.100	.032	.032	.032	
1.0	.301	.264	.232	.257	.227	.200	.176	.156	.138	.101	.090	.080	.032	.029	.026	
2.0	.295	.242	.197	.253	.208	.170	.173	.144	.119	.100	.084	.070	.032	.027	.023	
3.0	.288	.226	.176	.247	.195	.153	.169	.135	.107	.098	.079	.063	.031	.026	.021	
4.0	.280	.214	.163	.240	.185	.142	.165	.129	.100	.096	.075	.059	.031	.025	.019	
5.0	.272	.204	.154	.233	.176	.134	.161	.123	.095	.093	.072	.056	.030	.024	.018	
6.0	.264	.196	.148	.226	.170	.128	.156	.119	.091	.091	.070	.054	.029	.023	.018	
7.0	.256	.189	.143	.220	.164	.125	.152	.115	.088	.088	.068	.053	.029	.022	.017	
8.0	.249	.184	.139	.214	.159	.121	.148	.112	.086	.086	.066	.051	.028	.022	.017	
9.0	.242	.179	.137	.208	.155	.119	.144	.109	.085	.084	.064	.050	.027	.021	.017	
10.0	.235	.175	.134	.203	.152	.117	.141	.107	.083	.082	.063	.050	.027	.021	.016	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-11-08

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:11.200m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

NAME: ANNO TAPE SV TW	TYPE: ANNOSV-D2-24-2750-160 (WZ20)	WEIGHT:
SPEC.: 2700K+5000K/16W	DIM.:	SERIAL No.:
MFR.: Beamever	SUR.: 0.01*1	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	-1.1	0.5	-0.6	0.9	1.4	13.4	15.0	13.9	15.5	16.0
3H	0.6	2.0	1.1	2.5	3.1	15.4	16.9	15.9	17.4	17.9
4H	1.8	3.2	2.3	3.7	4.2	16.2	17.6	16.7	18.1	18.7
6H	3.4	4.7	3.9	5.2	5.8	16.8	18.1	17.3	18.6	19.2
8H	4.3	5.6	4.9	6.1	6.7	16.9	18.2	17.5	18.7	19.4
12H	5.4	6.7	6.0	7.2	7.9	17.0	18.2	17.5	18.7	19.4
4H 2H	-0.1	1.3	0.5	1.8	2.4	13.0	14.4	13.5	14.9	15.5
3H	1.5	2.7	2.0	3.3	3.9	15.0	16.2	15.6	16.8	17.4
4H	2.7	3.9	3.3	4.5	5.1	15.9	17.0	16.5	17.6	18.3
6H	4.5	5.5	5.1	6.1	6.8	16.6	17.6	17.2	18.3	18.9
8H	5.6	6.5	6.2	7.1	7.8	16.8	17.8	17.5	18.4	19.1
12H	6.8	7.7	7.5	8.4	9.1	16.9	17.8	17.5	18.4	19.2
8H 4H	3.3	4.2	3.9	4.8	5.5	15.7	16.7	16.3	17.3	18.0
6H	5.2	6.0	5.8	6.6	7.4	16.4	17.3	17.1	17.9	18.7
8H	6.4	7.1	7.0	7.8	8.6	16.7	17.5	17.4	18.1	18.9
12H	7.9	8.6	8.6	9.3	10.0	16.8	17.5	17.5	18.2	18.9
12H 4H	3.4	4.3	4.0	4.9	5.6	15.6	16.5	16.3	17.2	17.9
6H	5.3	6.1	6.0	6.7	7.5	16.4	17.1	17.1	17.8	18.6
8H	6.6	7.3	7.3	7.9	8.7	16.7	17.3	17.3	18.0	18.8
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.3 / - 0.3					+ 0.8 / - 0.6				
1.5H	+ 0.5 / - 0.2					+ 1.9 / - 1.8				
2.0H	+ 0.3 / - 0.3					+ 2.9 / - 3.1				

CIE Pub.117, 755.0 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -1.0)
Area: 0.01 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-11-08

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:11.200m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

NAME: ANNO TAPE SV TW	TYPE: ANNOSV-D2-24-2750-160 (WZ20)	WEIGHT:
SPEC.: 2700K+5000K/16W	DIM.:	SERIAL No.:
MFR.: Beamever	SUR.: 0.01*1	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	*44*	*30*	*22*	*43*	*30*	*22*	*41*	*29*	*22*	*15*
0.80	*52*	*38*	*29*	*51*	*38*	*29*	*49*	*36*	*28*	*20*
1.00	*60*	*45*	*36*	*58*	*45*	*36*	*55*	*46*	*35*	*26*
1.25	*67*	*52*	*43*	*65*	*51*	*42*	*61*	*49*	*41*	*31*
1.50	*72*	*58*	*48*	*70*	*57*	*47*	*65*	*54*	*46*	*36*
2.00	*80*	*67*	*57*	*77*	*65*	*56*	*72*	*62*	*54*	*43*
2.50	*85*	*73*	*63*	*82*	*71*	*62*	*76*	*67*	*59*	*47*
3.00	*89*	*78*	*69*	*85*	*75*	*67*	*79*	*71*	*64*	*51*
4.00	*94*	*84*	*76*	*90*	*82*	*74*	*84*	*77*	*71*	*57*
5.00	*97*	*89*	*82*	*94*	*86*	*79*	*87*	*81*	*75*	*61*
ROOM INDEX	*UF(total)*									*Direct*
According to DIN EN 13032-2 2004				*Suspended*					*SHRNOM = 1.25*	

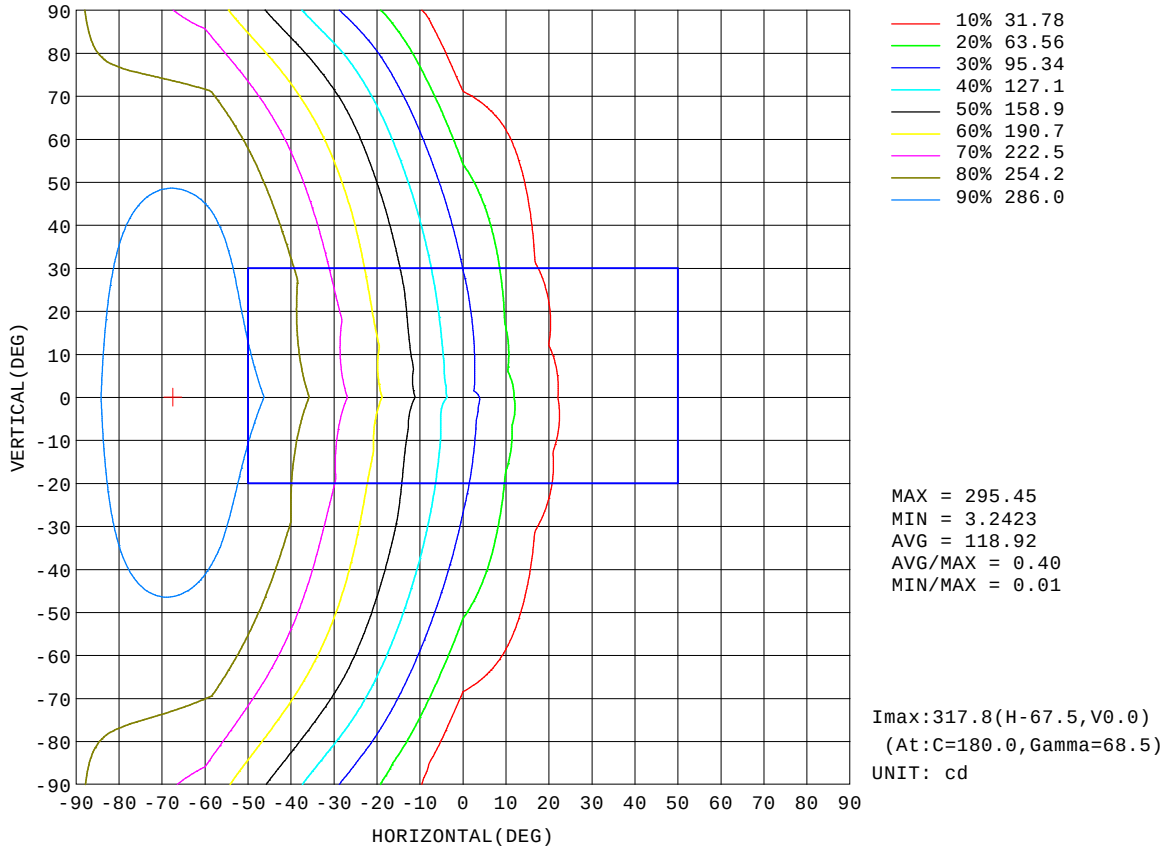
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-11-08

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:11.200m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

NAME: ANNO TAPE SV TW	TYPE: ANNOSV-D2-24-2750-160 (WZ20)	WEIGHT:
SPEC.: 2700K+5000K/16W	DIM.:	SERIAL No.:
MFR.: Beamever	SUR.: 0.01*1	Shielding Angle:



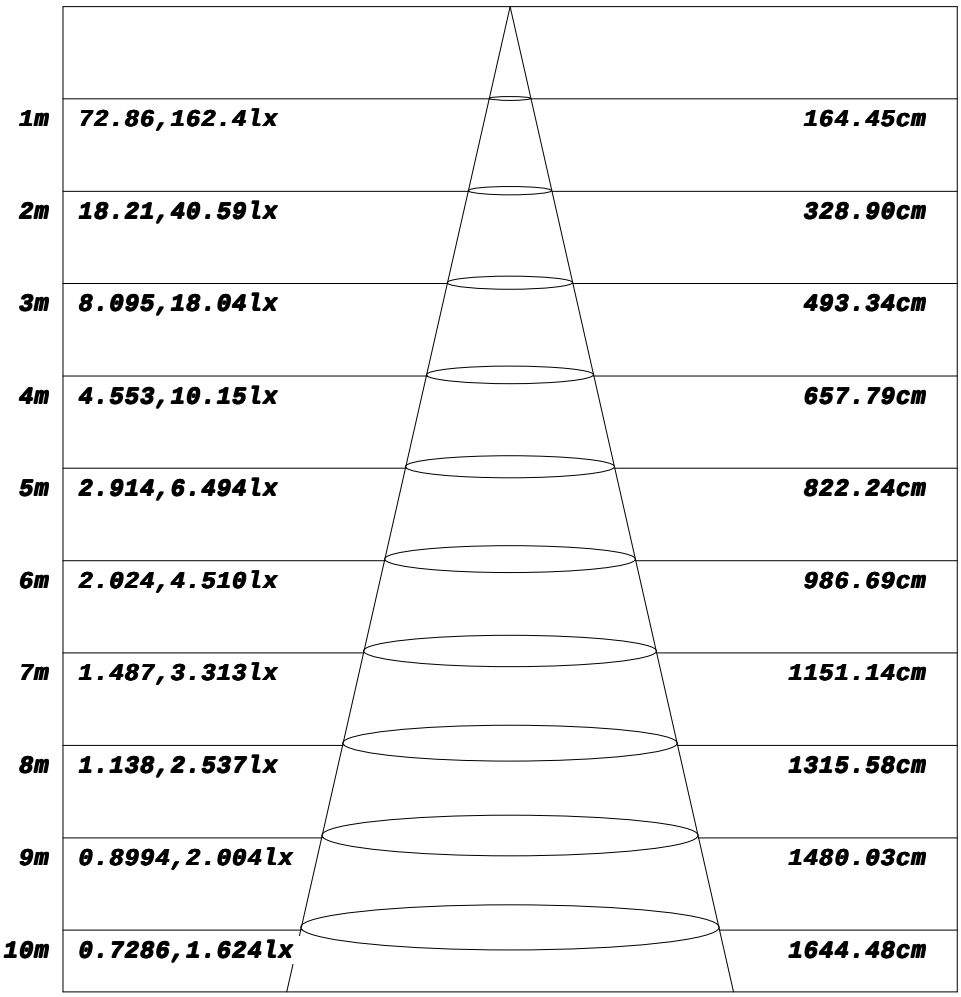
C Range: 0 - 360DEG
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Test Speed: HIGH
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γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:11.200m [K=1.0000]
Remarks:

AAI Figure

NAME: ANNO TAPE SV TW	TYPE: ANNOSV-D2-24-2750-160 (WZ20)	WEIGHT:
SPEC.: 2700K+5000K/16W	DIM.:	SERIAL No.:
MFR.: Beamever	SUR.: 0.01*1	Shielding Angle:

Flux out:155.5 lm



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

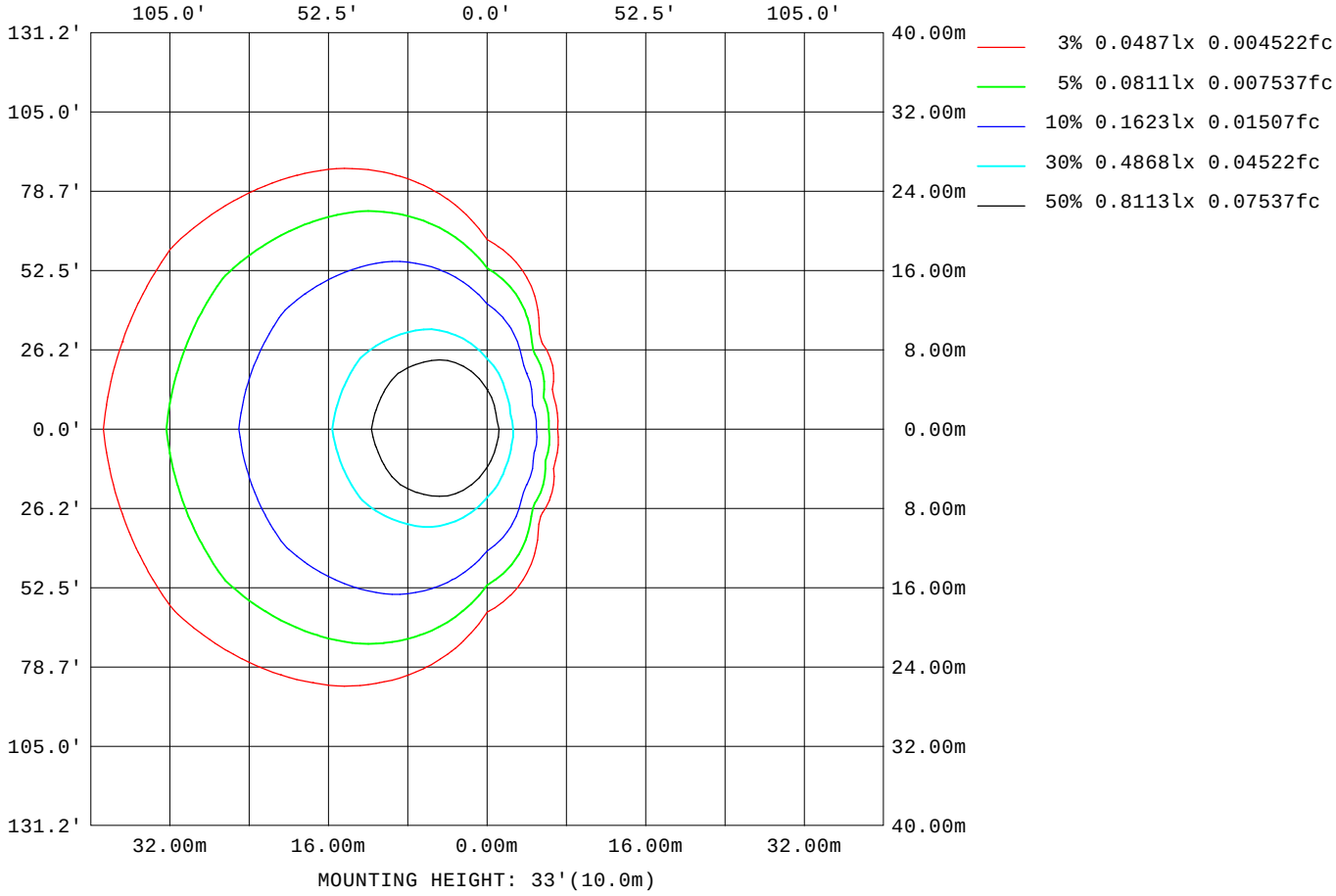
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-11-08

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:11.200m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

NAME: ANNO TAPE SV TW	TYPE: ANNOSV-D2-24-2750-160 (WEIGHT:	
SPEC.: 2700K+5000K/16W	DIM.:	SERIAL No.:
MFR.: Beamever	SUR.: 0.01*1	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-11-08

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:11.200m [K=1.0000]
Remarks:

LED Avg.L Report

NAME: ANNO TAPE SV TW	TYPE: ANNOSV-D2-24-2750-160 (WZ08)	WEIGHT:
SPEC.: 2700K+5000K/16W	DIM.:	SERIAL No.:
MFR.: Beamever	SUR.: 0.01*1	Shielding Angle:

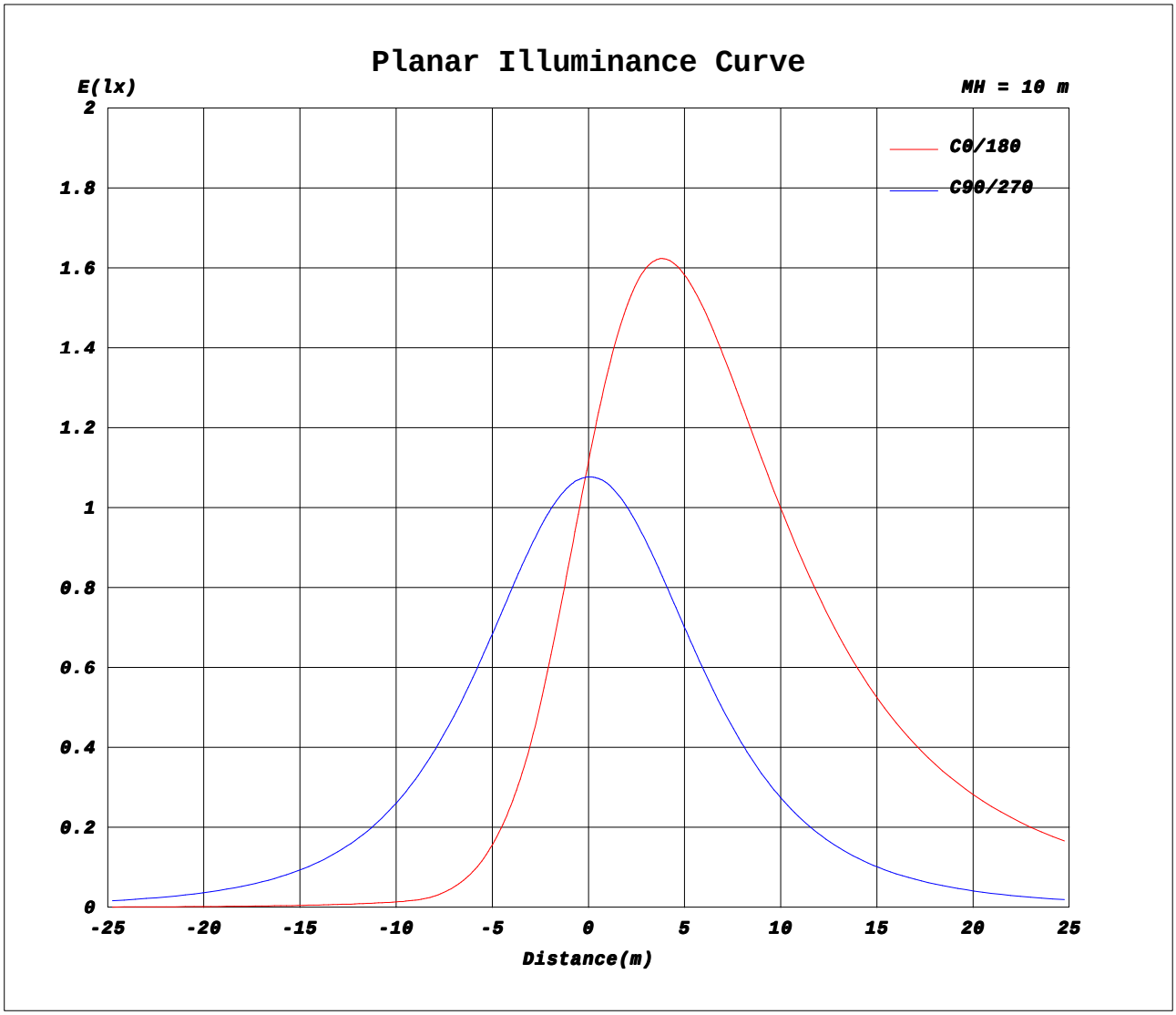
AvgL	cd/m2
L_0~180(65)av	36903
L_0~180(75)av	59194
L_0~180(85)av	159118
L_90~270(65)av	9827
L_90~270(75)av	8500
L_90~270(85)av	6014
L_45(65)av	26892
L_45(75)av	41440
L_45(85)av	105233

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-11-08

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:11.200m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-11-08

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:11.200m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: ANNO TAPE SV TW	TYPE: ANNOSV-D2-24-2750-160 (WZ20)	WEIGHT:
SPEC.: 2700K+5000K/16W	DIM.:	SERIAL No.:
MFR.: Beamever	SUR.: 0.01*1	Shielding Angle:

Table--1 UNIT: cd

γ (DEG) \ C(DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0	109	109	109	109	109	109	109	109	109	109	109	109
5	88.2	90.6	97.6	108	119	127	129	127	119	109	97.7	90.0
10	68.8	73.1	86.3	107	129	146	150	145	129	108	86.6	72.1
15	51.0	56.5	74.8	104	138	164	171	162	138	106	75.3	55.2
20	36.1	41.8	63.3	101	146	182	190	179	146	103	64.0	40.6
25	24.5	29.8	52.0	97.7	153	198	210	195	154	100.0	52.9	28.6
30	15.4	20.0	41.2	93.1	160	214	228	210	160	95.8	42.2	18.9
35	9.07	12.4	31.6	87.8	165	229	245	224	166	90.7	32.6	11.7
40	5.15	7.06	23.1	81.5	169	243	261	237	170	84.9	24.0	6.92
45	3.86	4.08	15.7	74.4	172	255	275	248	173	78.3	16.6	4.79
50	3.50	3.17	9.69	66.6	173	265	288	257	175	70.9	10.7	4.18
55	3.23	2.79	5.34	57.9	173	273	298	265	174	62.7	6.62	3.69
60	2.90	2.51	3.08	48.6	171	278	305	270	172	53.7	4.60	3.37
65	2.71	2.19	2.24	38.9	166	280	309	271	168	44.2	4.05	2.97
70	2.55	1.90	1.71	29.1	158	278	309	270	161	34.2	3.46	2.68
75	2.41	1.78	1.18	19.6	148	271	304	263	151	24.4	2.97	2.42
80	2.33	1.74	0.84	10.9	134	259	293	251	137	15.4	2.46	2.22
85	2.24	1.63	0.72	2.61	118	241	275	232	119	7.88	1.91	1.99
90	2.07	1.46	0.61	0.00	101	218	251	207	98.8	0.04	0.94	1.64
95	1.96	1.41	0.49	0.00	81.7	193	221	179	77.9	0.00	0.29	1.33
100	1.80	1.41	0.50	0.00	36.9	161	186	148	37.5	0.00	0.38	1.31
105	1.76	1.41	0.50	0.00	1.69	104	147	98.6	2.94	0.00	0.51	1.32
110	1.78	1.41	0.53	0.00	0.00	41.0	88.9	39.9	0.00	0.00	0.57	1.36
115	1.72	1.41	0.59	0.00	0.00	5.33	32.0	4.65	0.00	0.00	0.57	1.41
120	1.70	1.44	0.71	0.03	0.00	0.06	0.43	0.00	0.00	0.00	0.57	1.42
125	1.64	1.35	0.75	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.57	1.43
130	1.56	1.33	0.75	0.11	0.00	0.06	0.00	0.00	0.00	0.00	0.57	1.44
135	1.49	1.15	0.75	0.20	0.00	0.06	0.00	0.00	0.00	0.06	0.57	1.42
140	1.37	1.04	0.75	0.23	0.00	0.06	0.00	0.00	0.00	0.03	0.57	1.36
145	1.26	0.96	0.75	0.28	0.00	0.06	0.00	0.00	0.00	0.03	0.57	1.33
150	1.15	0.92	0.72	0.35	0.00	0.12	0.00	0.00	0.00	0.03	0.51	1.21
155	1.04	0.85	0.67	0.39	0.00	0.12	0.00	0.00	0.06	0.03	0.51	1.10
160	0.88	0.66	0.65	0.44	0.00	0.20	0.00	0.00	0.06	0.08	0.51	1.01
165	0.78	0.50	0.62	0.47	0.06	0.26	0.00	0.00	0.14	0.11	0.51	0.88
170	0.65	0.50	0.58	0.50	0.14	0.32	0.16	0.03	0.22	0.14	0.51	0.78
175	0.49	0.39	0.54	0.53	0.37	0.46	0.19	0.06	0.28	0.34	0.52	0.63
180	0.36	0.36	0.48	0.54	0.51	0.58	0.19	0.19	0.28	0.51	0.54	0.52

C Range: 0 - 360DEG
C Interval: 30.0DEG
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