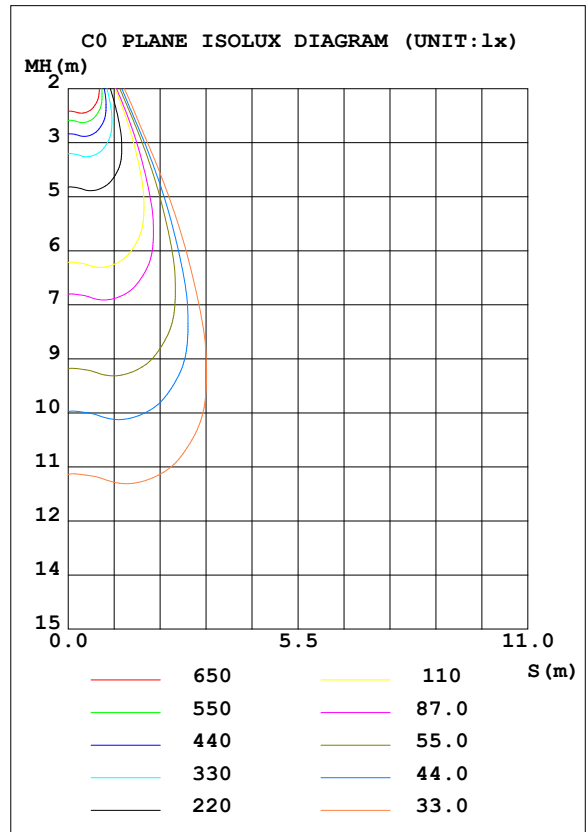
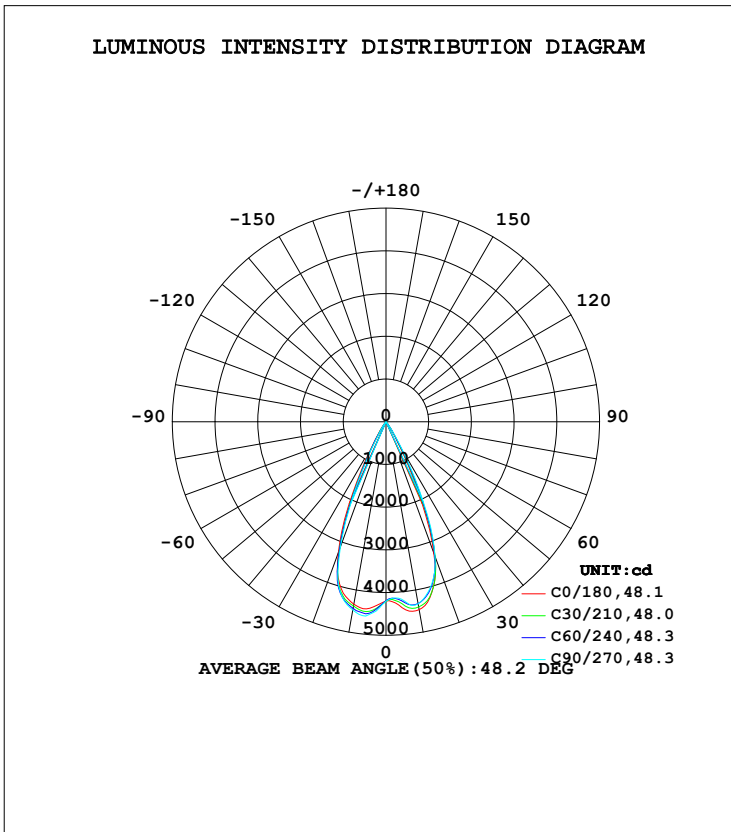


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:34.200V I:0.6990A P:23.906W PF:1.0000 Freq:0Hz Lamp Flux:2497.02x1 lm		
NAME: XDL E6-WRA-L39030-50DW	TYPE: Downlight	SERIAL No.:
SPEC.: XOB CRI 90 3000K	DIM.: φ162mm*H188mm	
MFR.: SBC XICATO CORP.		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 104.45 lm/W			
MODEL	XOB CRI 90 3000K	I <sub>max</sub> (cd)	4579	S/MH (C0/180)	0.70
NOMINAL POWER (W)	24	LOR (%)	100.0	S/MH (C90/270)	0.67
RATED VOLTAGE (V)	37	TOTAL FLUX (lm)	2497.0	η UP, DN (C0-180)	0.0, 51.4
NOMINAL FLUX (lm)	2497.02	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 48.6
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)	34.2	η down (%)	100.0	CIBSE SHR MAX	0.50



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: MEDIUM  
 Temperature: 25.3DEG  
 Operators: Jasoan  
 Test Date: 2024-10-11

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.444  
 Humidity: 58%  
 Test Distance: 9.322m [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	4466	4364	4329	4301	4337	4409	4475	4490	0- 10	418.7	418.7	16.8,16.8
20	3285	3350	3359	3328	3274	3193	3122	3168	10- 20	1119	1537	61.6,61.6
30	536.8	651.7	781.6	714.8	594.4	515.0	432.6	466.0	20- 30	817.7	2355	94.3,94.3
40	39.53	48.30	53.82	56.65	48.65	39.48	31.75	32.19	30- 40	129.4	2484	99.5,99.5
50	1.920	2.147	2.860	3.072	2.834	1.902	1.587	1.587	40- 50	11.38	2496	99.9,99.9
60	0.4294	0.3836	0.4347	0.5047	0.4069	0.3663	0.3737	0.3800	50- 60	0.9330	2497	100,100
70	0.1659	0.1141	0.0967	0.1417	0.0968	0.1244	0.1521	0.1414	60- 70	0.2133	2497	100,100
80	0.1126	0.1034	0.0898	0.1021	0.0968	0.1020	0.1158	0.1097	70- 80	0.1162	2497	100,100
90	0.1106	0.0968	0.0898	0.1037	0.0968	0.0968	0.1037	0.1002	80- 90	0.1106	2497	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 2493.2 lm

%lum = 99.8%  
%lamp = 99.8%

Conical surface Flux(120deg): 2496.6 lm

%lum = 100.0%  
%lamp = 100.0%

0 - 45 DEG Zonal Flux:2493.2      %lum: 99.8%  
135 - 180 DEG Zonal Flux:0      %lum: 0.0%

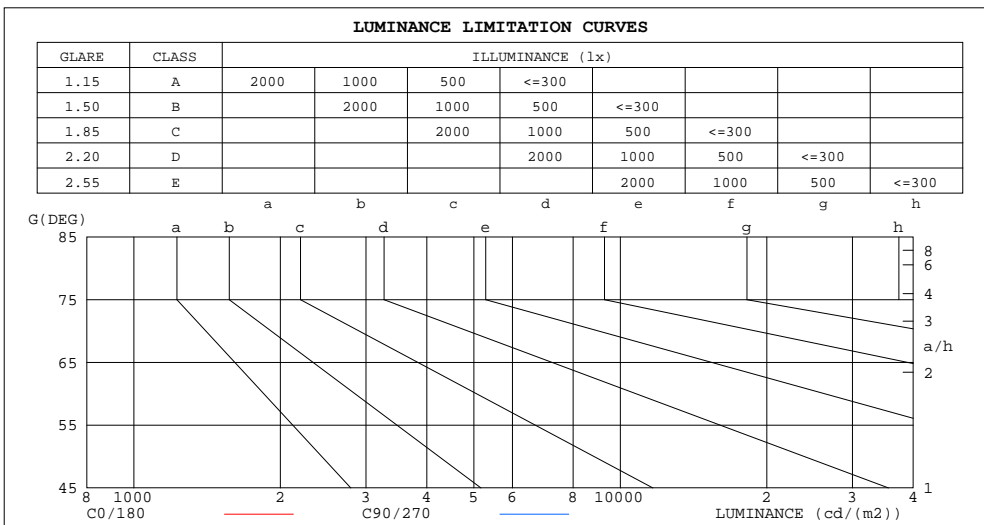
All measured values may vary less than 35 %  
from the average measured value in the 0 to 130 deg. zone: 3.5%  
All measured values in the 0 to 130 deg. zone  
may vary less than 50% from the average value of itself: 5.4%

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:Jasoan  
Test Date:2024-10-11

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.444  
Humidity:58%  
Test Distance:9.322m [K=1.0000]  
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:34.200V I:0.6990A P:23.906W PF:1.0000 Freq:0Hz Lamp Flux:2497.02x1 lm		
NAME: XDL E6-WRA-L39030-50DW	TYPE: Downlight	SERIAL No.:
SPEC.: XOB CRI 90 3000K	DIM.: φ162mm*H188mm	
MFR.: SBC XICATO CORP.		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	62	50
80	31	25
75	22	17
70	24	14
65	28	19
60	42	42
55	85	94
50	145	216
45	683	987

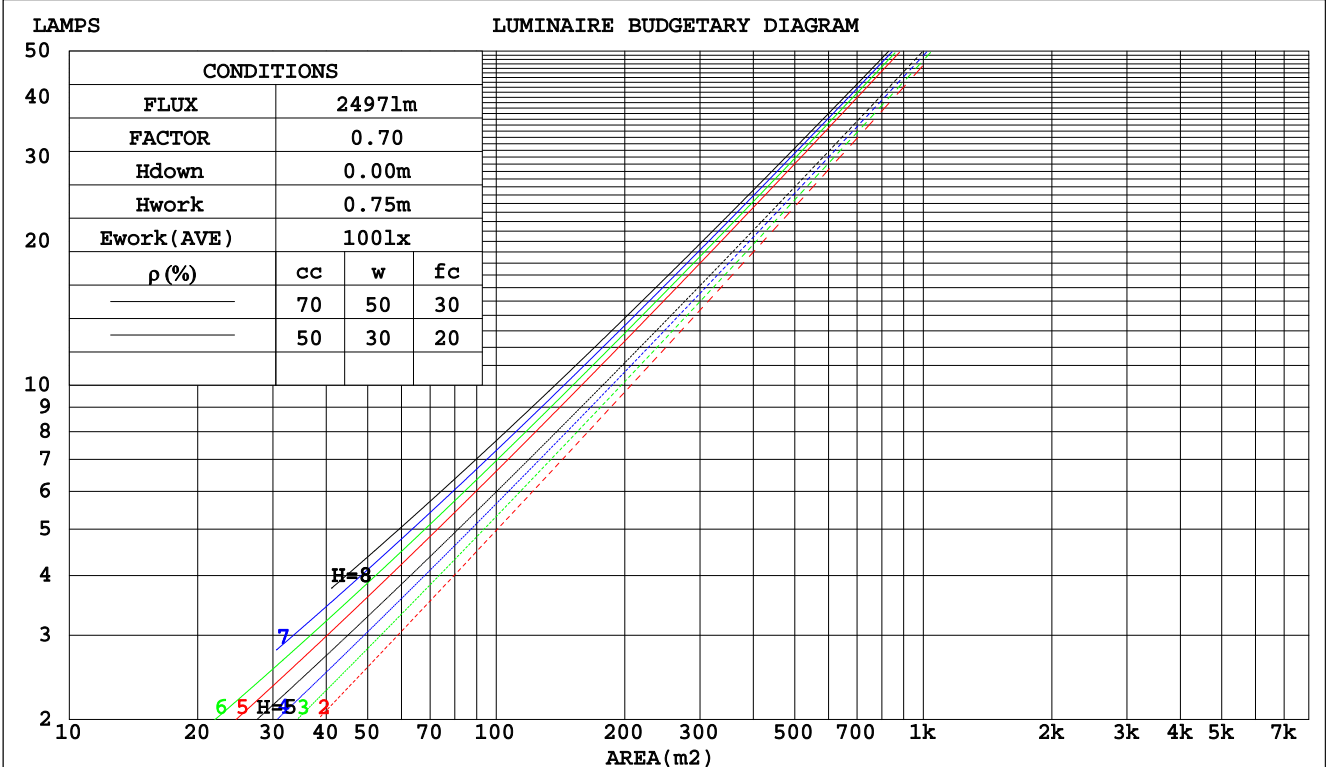
C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: MEDIUM  
 Temperature: 25.3DEG  
 Operators: Jasoan  
 Test Date: 2024-10-11

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.444  
 Humidity: 58%  
 Test Distance: 9.322m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:34.200V I:0.6990A P:23.906W PF:1.0000 Freq:0Hz Lamp Flux:2497.02x1 lm		
NAME: XDL E6-WRA-L39030-50DW	TYPE: Downlight	SERIAL No.:
SPEC.: XOB CRI 90 3000K	DIM.: φ162mm*H188mm	
MFR.: SBC XICATO CORP.		

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	1.19	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	1.00
1.0	1.12	1.10	1.08	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	1.00	.99	.98	.97	.95
2.0	1.06	1.03	.90	1.04	1.01	.99	1.01	.99	.96	.98	.96	.94	.95	.94	.92	.91
3.0	1.00	.96	.93	.99	.95	.92	.97	.93	.91	.94	.92	.89	.92	.90	.88	.87
4.0	.95	.91	.87	.94	.90	.87	.92	.89	.86	.90	.87	.85	.89	.86	.84	.83
5.0	.91	.86	.83	.90	.86	.82	.88	.85	.82	.87	.83	.81	.85	.82	.80	.79
6.0	.87	.82	.78	.86	.81	.78	.85	.81	.78	.83	.80	.77	.82	.79	.77	.75
7.0	.83	.78	.75	.82	.78	.74	.81	.77	.74	.80	.76	.74	.79	.76	.73	.72
8.0	.79	.74	.71	.79	.74	.71	.78	.74	.71	.77	.73	.70	.76	.73	.70	.69
9.0	.76	.71	.68	.76	.71	.68	.75	.71	.68	.74	.70	.67	.73	.70	.67	.66
10.0	.73	.68	.65	.73	.68	.65	.72	.68	.65	.71	.67	.65	.71	.67	.65	.63



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:Jasoan  
 Test Date:2024-10-11

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.444  
 Humidity:58%  
 Test Distance:9.322m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:34.200V I:0.6990A P:23.906W PF:1.0000 Freq:0Hz		
Lamp Flux:2497.02x1 lm		
NAME: XDL E6-WRA-L39030-50DW	TYPE: Downlight	SERIAL No.:
SPEC.: XOB CRI 90 3000K	DIM.: φ162mm*H188mm	
MFR.: SBC XICATO CORP.		

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 Coefficients(WEC)									
0.0																
1.0	.153	.087	.027	.146	.083	.026	.133	.077	.024	.122	.070	.023	.111	.065	.021	
2.0	.143	.079	.024	.138	.076	.023	.127	.071	.022	.118	.066	.021	.109	.062	.019	
3.0	.135	.072	.022	.131	.070	.021	.122	.066	.020	.114	.062	.019	.106	.059	.018	
4.0	.128	.067	.020	.124	.065	.019	.117	.062	.018	.110	.059	.018	.103	.056	.017	
5.0	.122	.062	.018	.118	.061	.018	.112	.058	.017	.106	.056	.017	.100	.054	.016	
6.0	.116	.058	.017	.113	.057	.016	.108	.055	.016	.102	.053	.016	.097	.051	.015	
7.0	.111	.055	.016	.108	.054	.015	.104	.052	.015	.099	.051	.015	.095	.049	.014	
8.0	.106	.052	.015	.104	.051	.015	.100	.050	.014	.096	.049	.014	.092	.047	.014	
9.0	.102	.049	.014	.100	.049	.014	.096	.048	.014	.093	.047	.013	.089	.045	.013	
10.0	.099	.047	.013	.097	.047	.013	.093	.046	.013	.090	.045	.013	.087	.044	.013	

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	.169	.158	.147	.145	.135	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.152	.133	.116	.131	.114	.100	.089	.079	.070	.052	.046	.041	.017	.015	.013	
3.0	.139	.113	.093	.119	.098	.081	.082	.068	.057	.047	.040	.033	.015	.013	.011	
4.0	.127	.098	.076	.109	.085	.066	.075	.059	.047	.043	.035	.028	.014	.011	.009	
5.0	.117	.086	.063	.101	.075	.055	.069	.052	.039	.040	.031	.023	.013	.010	.008	
6.0	.109	.077	.053	.094	.066	.046	.065	.046	.033	.038	.027	.019	.012	.009	.006	
7.0	.102	.069	.045	.088	.060	.039	.061	.042	.028	.035	.025	.017	.011	.008	.005	
8.0	.096	.062	.039	.083	.054	.034	.057	.038	.024	.033	.022	.014	.011	.007	.005	
9.0	.091	.057	.034	.078	.049	.029	.054	.035	.021	.032	.020	.012	.010	.007	.004	
10.0	.087	.052	.029	.075	.045	.026	.052	.032	.018	.030	.019	.011	.010	.006	.004	

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:Jasoan  
 Test Date:2024-10-11

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.444  
 Humidity:58%  
 Test Distance:9.322m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:34.200V I:0.6990A P:23.906W PF:1.0000 Freq:0Hz Lamp Flux:2497.02x1 lm		
NAME: XDL E6-WRA-L39030-50DW	TYPE: Downlight	SERIAL No.:
SPEC.: XOB CRI 90 3000K	DIM.: φ162mm*H188mm	
MFR.: SBC XICATO CORP.		

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	3.7	4.4	3.9	4.6	4.8	4.5	5.3	4.7	5.4	5.6
3H	3.5	4.2	3.8	4.4	4.6	4.3	5.0	4.6	5.2	5.4
4H	3.4	4.1	3.7	4.3	4.5	4.2	4.9	4.5	5.1	5.3
6H	3.3	4.0	3.6	4.2	4.5	4.2	4.8	4.4	5.0	5.3
8H	3.3	3.9	3.6	4.2	4.4	4.1	4.7	4.4	5.0	5.2
12H	3.3	3.8	3.6	4.1	4.4	4.1	4.7	4.4	4.9	5.2
4H 2H	3.4	4.1	3.7	4.3	4.5	4.2	4.9	4.5	5.1	5.3
3H	3.3	3.8	3.6	4.1	4.4	4.1	4.7	4.4	4.9	5.2
4H	3.2	3.7	3.5	4.0	4.3	4.0	4.5	4.3	4.8	5.1
6H	3.1	3.5	3.4	3.9	4.2	3.9	4.3	4.2	4.7	5.0
8H	3.0	3.4	3.4	3.8	4.2	3.8	4.3	4.2	4.6	5.0
12H	3.0	3.4	3.4	3.7	4.1	3.8	4.2	4.2	4.5	4.9
8H 4H	3.0	3.4	3.4	3.8	4.2	3.8	4.3	4.2	4.6	5.0
6H	2.9	3.3	3.3	3.6	4.1	3.7	4.1	4.1	4.5	4.9
8H	2.8	3.2	3.3	3.6	4.0	3.7	4.0	4.1	4.4	4.8
12H	2.8	3.1	3.2	3.5	4.0	3.6	3.9	4.1	4.3	4.8
12H 4H	3.0	3.4	3.4	3.7	4.1	3.8	4.2	4.2	4.5	4.9
6H	2.8	3.2	3.3	3.6	4.0	3.7	4.0	4.1	4.4	4.8
8H	2.8	3.1	3.2	3.5	4.0	3.6	3.9	4.1	4.3	4.8
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 4.3 / -19.5					+ 5.0 / -20.6				
1.5H	+ 7.1 / -17.5					+ 7.7 / -18.5				
2.0H	+ 7.6 / - 9.3					+ 8.5 / -10.7				

CIE Pub.117, 2497 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.2)  
Area: 0.0206015 m2

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:Jasoan  
Test Date:2024-10-11

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.444  
Humidity:58%  
Test Distance:9.322m [K=1.0000]  
Remarks:

UTILIZATION FACTORS TABLE

Test:U:34.200V I:0.6990A P:23.906W PF:1.0000 Freq:0Hz Lamp Flux:2497.02x1 lm		
NAME: XDL E6-WRA-L39030-50DW	TYPE: Downlight	SERIAL No.:
SPEC.: XOB CRI 90 3000K	DIM.: φ162mm*H188mm	
MFR.: SBC XICATO CORP.		

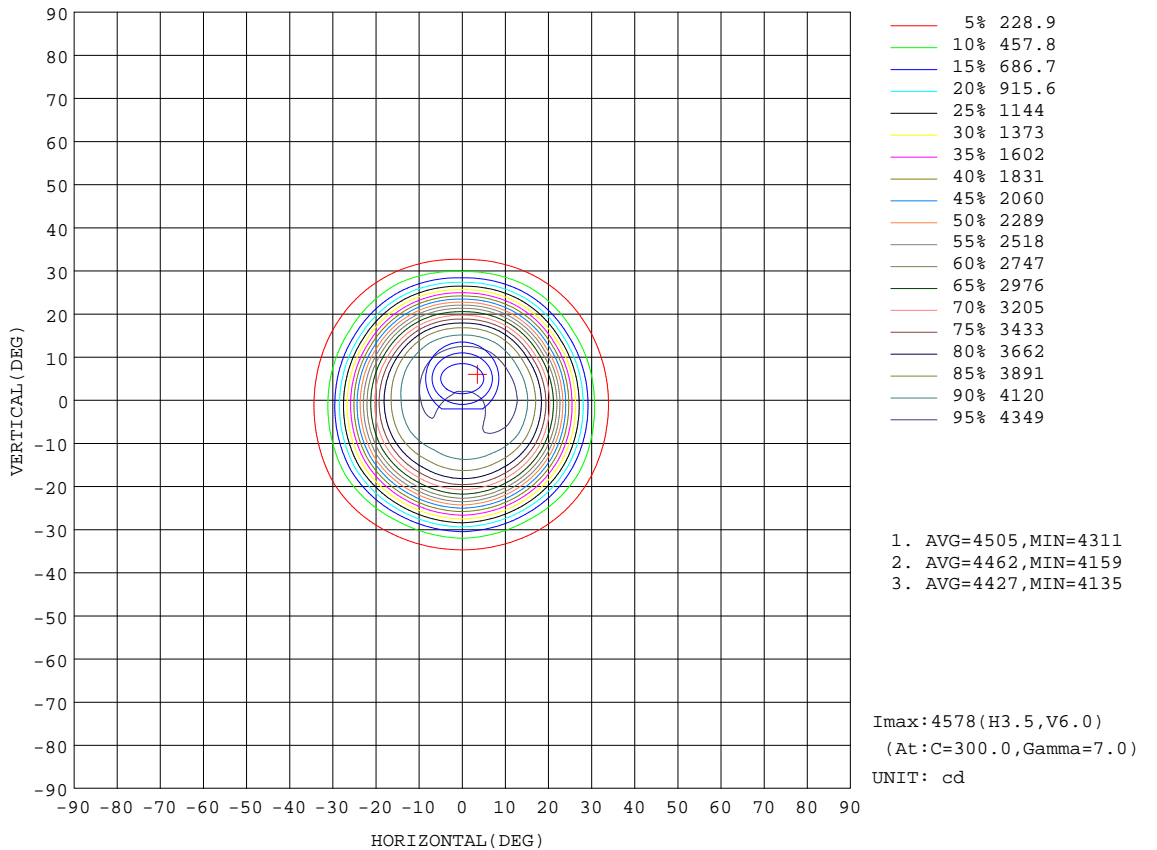
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	91	86	82	91	85	82	90	85	82	79
0.80	98	93	90	98	93	90	96	92	89	86
1.00	102	97	94	101	97	93	100	96	93	89
1.25	105	101	98	104	100	97	103	99	97	93
1.50	108	104	101	107	103	100	104	101	99	95
2.00	110	106	103	109	105	103	106	103	101	96
2.50	111	108	105	110	107	104	107	104	103	97
3.00	113	110	107	111	108	106	108	106	104	98
4.00	115	112	110	113	111	109	109	107	106	99
5.00	116	114	112	114	112	111	110	109	107	100
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: MEDIUM  
 Temperature:25.3DEG  
 Operators:Jasoan  
 Test Date:2024-10-11

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.444  
 Humidity:58%  
 Test Distance:9.322m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:34.200V I:0.6990A P:23.906W PF:1.0000 Freq:0Hz Lamp Flux:2497.02x1 lm		
NAME: XDL E6-WRA-L39030-50DW	TYPE: Downlight	SERIAL No.:
SPEC.: XOB CRI 90 3000K	DIM.: φ162mm*H188mm	
MFR.: SBC XICATO CORP.		



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3DEG  
Operators: Jasoan  
Test Date: 2024-10-11

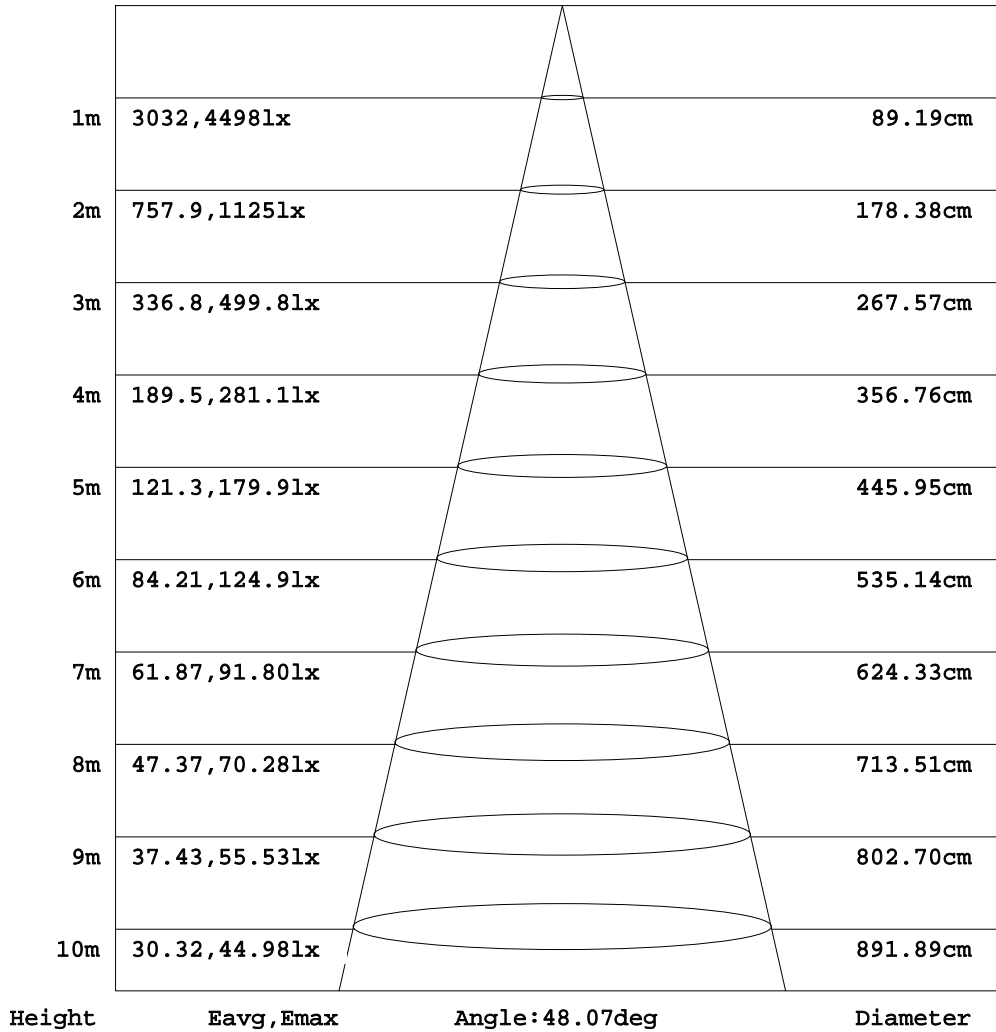
γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.444  
Humidity: 58%  
Test Distance: 9.322m [K=1.0000]  
Remarks:



AAI Figure

Test:U:34.200V I:0.6990A P:23.906W PF:1.0000 Freq:0Hz		
Lamp Flux:2497.02x1 lm		
NAME: XDL E6-WRA-L39030-50DW	TYPE: Downlight	SERIAL No.:
SPEC.: XOB CRI 90 3000K	DIM.: φ162mm*H188mm	
MFR.: SBC XICATO CORP.		

Flux out:2071 lm



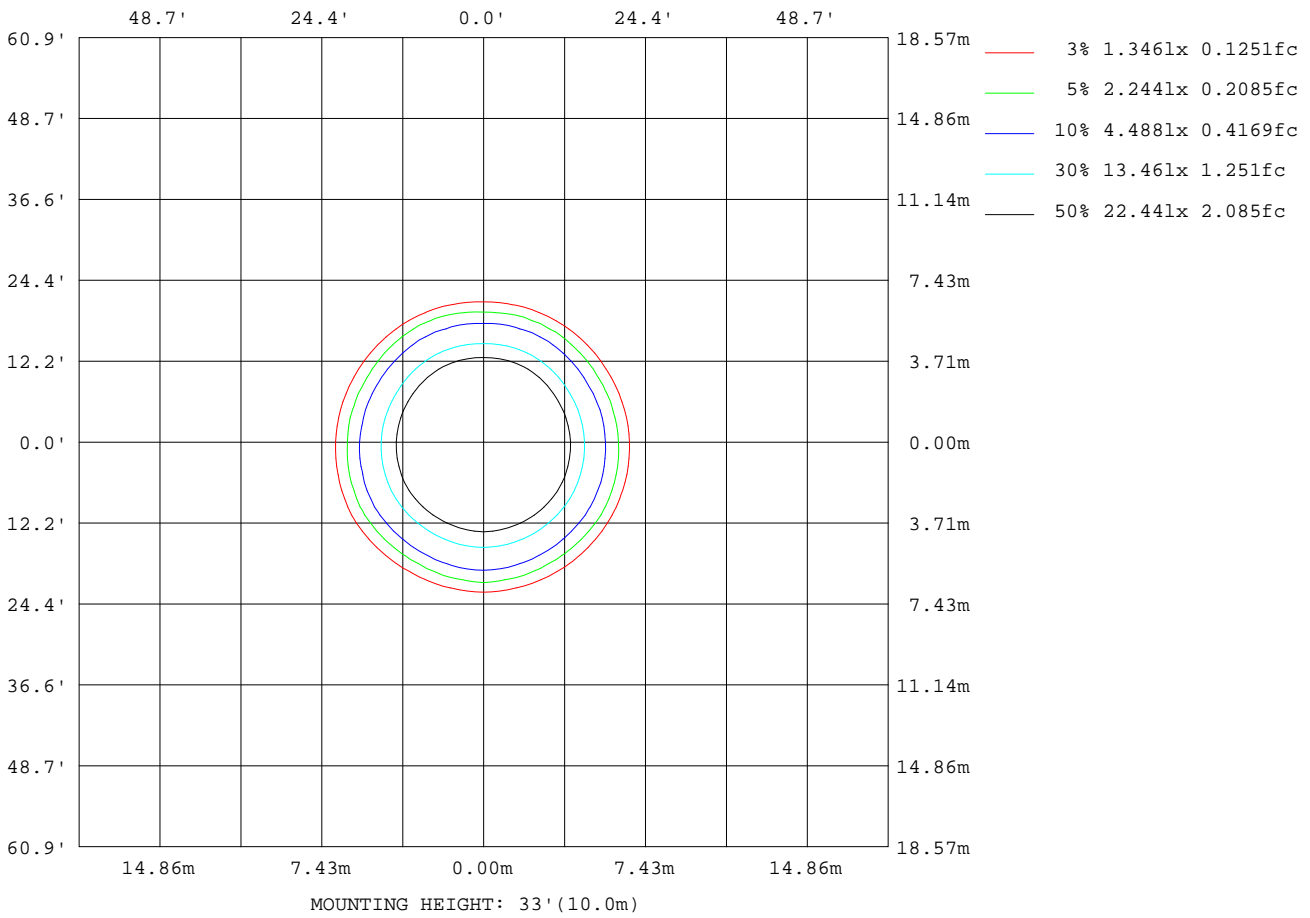
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: MEDIUM  
 Temperature: 25.3DEG  
 Operators: Jasoan  
 Test Date: 2024-10-11

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.444  
 Humidity: 58%  
 Test Distance: 9.322m [K=1.0000]  
 Remarks:

ISOLUX DIAGRAM

Test:U:34.200V I:0.6990A P:23.906W PF:1.0000 Freq:0Hz Lamp Flux:2497.02x1 lm		
NAME: XDL E6-WRA-L39030-50DW	TYPE: Downlight	SERIAL No.:
SPEC.: Evolve E6-WRA-L39030-50DW	DIM.: φ162mm*H188mm	
MFR.: SBC XICATO CORP.		



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: MEDIUM  
 Temperature: 25.3DEG  
 Operators: Jasoan  
 Test Date: 2024-10-11

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.444  
 Humidity: 58%  
 Test Distance: 9.322m [K=1.0000]  
 Remarks:

LED Avg.L Report

Test:U:34.200V I:0.6990A P:23.906W PF:1.0000 Freq:0Hz		
Lamp Flux:2497.02x1 lm		
NAME: XDL E6-WRA-L39030-50DW	TYPE: Downlight	SERIAL No.:
SPEC.: XOB CRI 90 3000K	DIM.: φ162mm*H188mm	
MFR.: SBC XICATO CORP.		

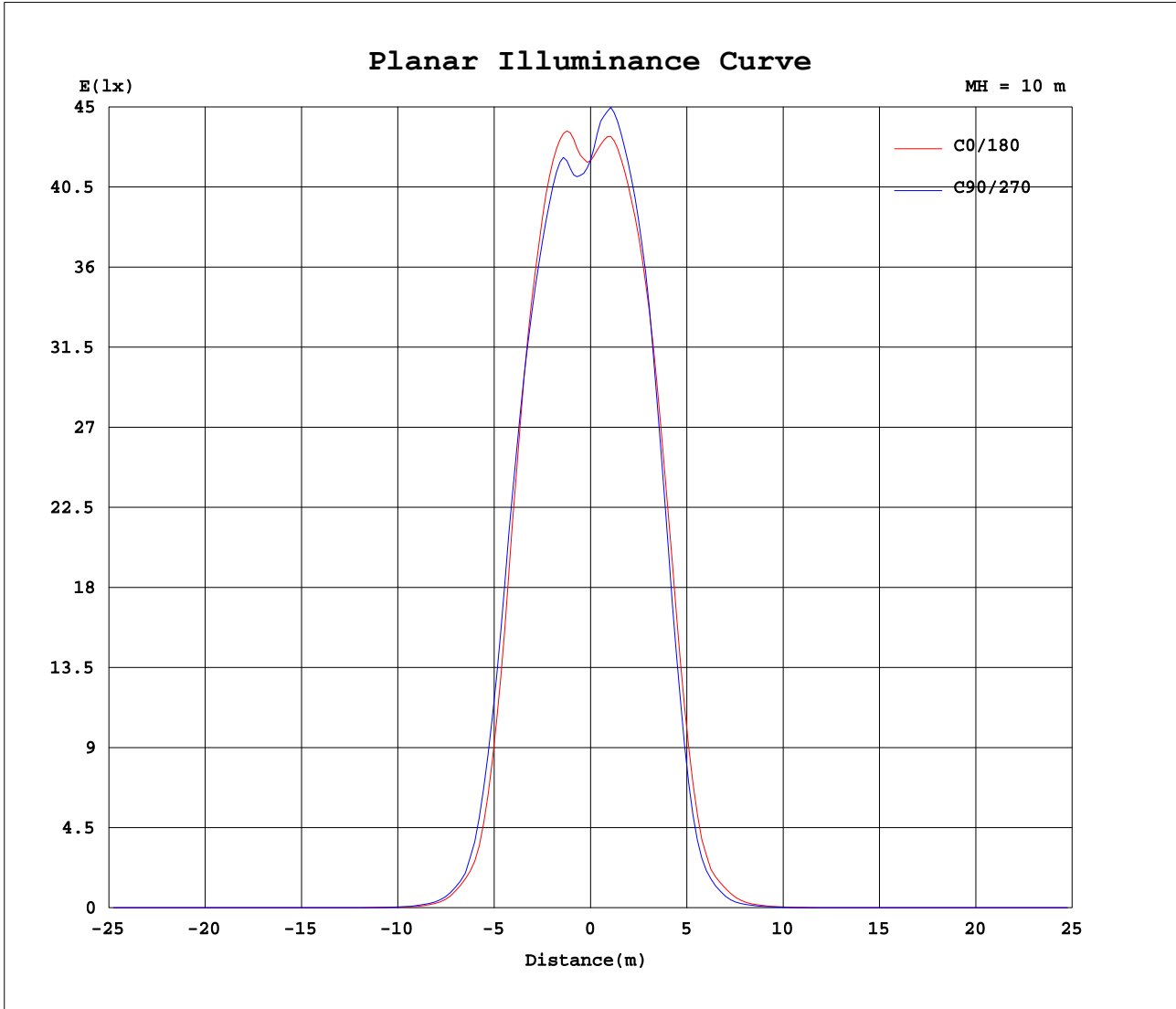
AvgL	cd/m2
L_0~180 (65) av	24
L_0~180 (75) av	20
L_0~180 (85) av	58
L_90~270 (65) av	22
L_90~270 (75) av	20
L_90~270 (85) av	55
L_45 (65) av	22
L_45 (75) av	20
L_45 (85) av	56

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: MEDIUM  
 Temperature:25.3DEG  
 Operators:Jasoan  
 Test Date:2024-10-11

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.444  
 Humidity:58%  
 Test Distance:9.322m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: MEDIUM  
 Temperature: 25.3DEG  
 Operators: Jasoan  
 Test Date: 2024-10-11

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.444  
 Humidity: 58%  
 Test Distance: 9.322m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:34.200V I:0.6990A P:23.906W PF:1.0000 Freq:0Hz Lamp Flux:2497.02x1 lm		
NAME: XDL E6-WRA-L39030-50DW	TYPE: Downlight	SERIAL No.:
SPEC.: XOB CRI 90 3000K	DIM.: φ162mm*H188mm	
MFR.: SBC XICATO CORP.		

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	4198	4205	4189	4202	4189	4197	4198	4205	4189	4202	4189	4197						
5	4370	4274	4206	4166	4204	4286	4382	4453	4499	4528	4545	4491						
10	4466	4404	4324	4329	4286	4315	4337	4380	4438	4475	4494	4485						
15	4140	4136	4043	4020	3987	4049	4052	4108	4146	4132	4159	4110						
20	3285	3362	3338	3359	3317	3339	3274	3192	3194	3122	3184	3152						
25	1726	1898	1990	2072	2007	2012	1860	1692	1657	1572	1630	1605						
30	537	621	683	782	708	721	594	504	526	433	481	451						
35	175	192	206	214	212	228	199	169	142	118	125	139						
40	39.5	47.3	49.3	53.8	55.6	57.7	48.6	41.4	37.6	31.8	31.9	32.5						
45	9.95	11.4	12.3	14.4	15.0	16.1	14.5	12.4	11.3	9.41	8.99	8.57						
50	1.92	2.04	2.26	2.86	2.93	3.22	2.83	2.09	1.71	1.59	1.60	1.57						
55	1.00	0.97	1.05	1.11	1.20	1.17	1.00	0.96	0.84	0.87	0.89	0.87						
60	0.43	0.34	0.42	0.43	0.53	0.48	0.41	0.42	0.31	0.37	0.37	0.39						
65	0.24	0.12	0.19	0.17	0.25	0.21	0.17	0.21	0.14	0.21	0.20	0.23						
70	0.17	0.10	0.13	0.10	0.18	0.10	0.10	0.15	0.10	0.15	0.14	0.15						
75	0.12	0.10	0.11	0.09	0.11	0.10	0.10	0.11	0.10	0.12	0.13	0.12						
80	0.11	0.10	0.11	0.09	0.11	0.10	0.10	0.11	0.10	0.12	0.11	0.11						
85	0.11	0.10	0.11	0.09	0.10	0.10	0.10	0.10	0.10	0.11	0.10	0.10						
90	0.11	0.10	0.10	0.09	0.11	0.10	0.10	0.10	0.10	0.10	0.10	0.10						

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