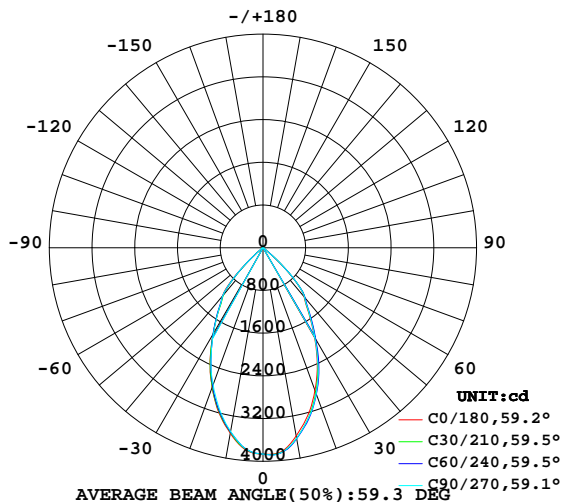


LUMINAIRE PHOTOMETRIC TEST REPORT

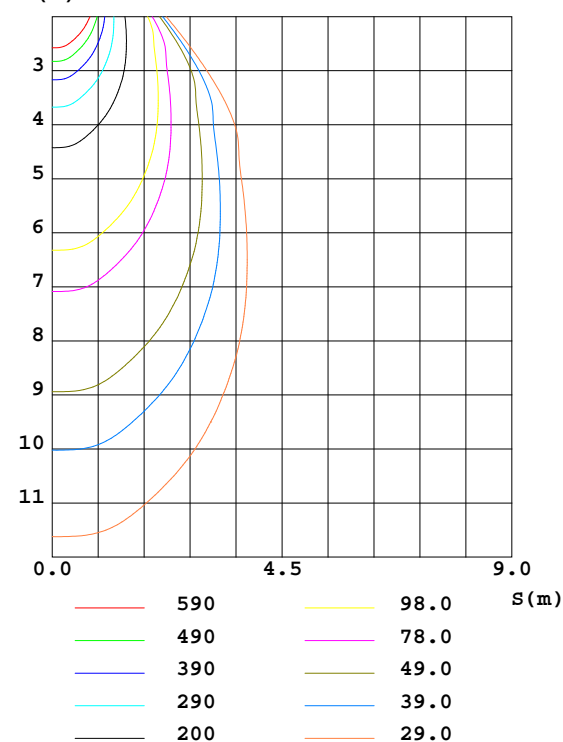
Test:U:226.5V I:0.1810A P:39.10W PF:0.9490 Lamp Flux:4027.89x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 103.01 lm/W			
MODEL	BL191-40W-840-W-60	Imax(cd)	3887	S/MH(C0/180)	0.88
NOMINAL POWER(W)	40	LOR(%)	100.0	S/MH(C90/270)	0.89
RATED VOLTAGE(V)	226	TOTAL FLUX(lm)	4027.9	η UP,DN(C0-180)	1.2,49.9
NOMINAL FLUX(lm)	4027.89	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,47.6
LAMPS INSIDE	1	η up(%)	2.5	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	226.5	η down(%)	97.5	CIBSE SHR MAX	0.90

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ZhangXiao
 Test Date:2016-07-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
 Humidity:65.0%
 Test Distance:6.590m [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	3578	3642	3626	3594	3530	3492	3493	3530	0- 10	356.0	356.0	8.84,8.84
20	2846	2939	2911	2858	2790	2769	2732	2793	10- 20	900.7	1257	31.2,31.2
30	1926	1999	1947	1917	1869	1866	1858	1876	20- 30	1086	2343	58.2,58.2
40	1202	1228	1214	1210	1181	1172	1179	1188	30- 40	938.3	3281	81.5,81.5
50	195.4	238.9	230.7	197.7	163.0	112.0	159.8	121.1	40- 50	545.3	3827	95,95
60	32.56	33.39	33.18	32.97	31.65	31.70	32.79	32.18	50- 60	52.35	3879	96.3,96.3
70	17.29	18.63	17.39	17.46	15.91	15.19	15.55	15.84	60- 70	24.72	3904	96.9,96.9
80	9.795	9.874	9.822	9.706	10.17	10.25	10.39	10.38	70- 80	12.91	3917	97.2,97.2
90	7.123	7.302	7.215	7.126	8.030	8.101	8.069	8.043	80- 90	9.763	3927	97.5,97.5
100	8.480	8.424	8.452	8.463	9.764	9.877	9.828	9.780	90-100	9.037	3936	97.7,97.7
110	10.71	10.62	10.66	10.68	12.17	12.32	12.25	12.17	100-110	10.81	3946	98,98
120	13.89	13.74	13.80	13.85	15.33	15.51	15.44	15.31	110-120	12.84	3959	98.3,98.3
130	17.82	17.62	17.66	17.76	19.08	19.25	19.18	19.05	120-130	14.76	3974	98.7,98.7
140	21.84	21.62	21.64	21.75	22.84	22.99	22.91	22.80	130-140	15.73	3990	99.1,99.1
150	25.07	24.94	24.90	24.98	25.65	25.69	25.64	25.56	140-150	15.00	4005	99.4,99.4
160	27.45	27.40	27.34	27.37	27.83	27.83	27.75	27.76	150-160	12.21	4017	99.7,99.7
170	29.59	29.61	29.53	29.53	29.85	29.83	29.78	29.71	160-170	8.082	4025	99.9,99.9
180	31.35	31.40	31.30	31.31	31.45	31.35	31.34	31.27	170-180	2.898	4028	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

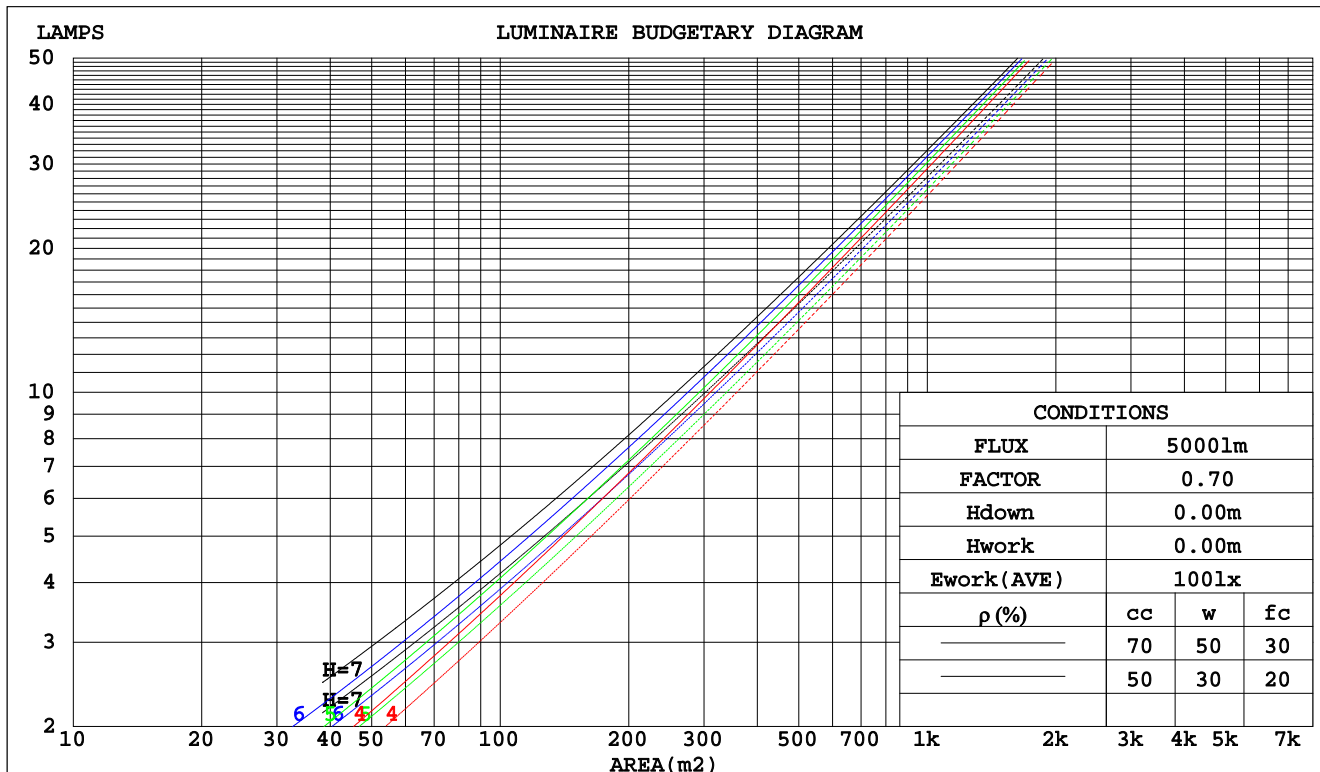
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-07-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:226.5V I:0.1810A P:39.10W PF:0.9490 Lamp Flux:4027.89x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION 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	Coefficients of Utilization(CU)															
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.05	1.05	1.05	.00	.00	.00	.97
1.0	1.09	1.07	1.04	1.07	1.04	1.02	1.02	1.00	.99	.98	.97	.95	.94	.93	.92	.90
2.0	1.01	.96	.93	.99	.95	.91	.95	.92	.89	.92	.89	.87	.89	.86	.85	.83
3.0	.93	.88	.83	.91	.87	.82	.88	.84	.81	.86	.82	.79	.83	.80	.78	.76
4.0	.86	.80	.76	.85	.79	.75	.82	.78	.74	.80	.76	.73	.78	.74	.72	.70
5.0	.80	.74	.69	.79	.73	.68	.77	.72	.68	.75	.70	.67	.73	.69	.66	.64
6.0	.74	.68	.63	.73	.67	.63	.72	.66	.62	.70	.65	.62	.68	.64	.61	.59
7.0	.69	.63	.58	.69	.62	.58	.67	.62	.58	.66	.61	.57	.64	.60	.57	.55
8.0	.65	.58	.54	.64	.58	.54	.63	.57	.53	.62	.57	.53	.60	.56	.53	.51
9.0	.61	.54	.50	.60	.54	.50	.59	.53	.50	.58	.53	.49	.57	.52	.49	.48
10.0	.57	.51	.47	.57	.51	.47	.56	.50	.46	.55	.50	.46	.54	.49	.46	.44



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-07-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:226.5V I:0.1810A P:39.10W PF:0.9490 Lamp Flux:4027.89x1 lm									
NAME:				TYPE:			WEIGHT:		
DIM.:				SPEC.:			SERIAL No.:		
MFR.: Rayconn				SUR.:			PROTECTION 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	.195	.111	.035	.187	.107	.034	.173	.099	.032	.160	.092	.030	.148	.086	.028	
2.0	.187	.102	.031	.180	.099	.031	.168	.094	.029	.157	.088	.028	.147	.083	.026	
3.0	.178	.095	.028	.173	.092	.028	.162	.088	.027	.152	.083	.026	.143	.079	.025	
4.0	.170	.088	.026	.165	.086	.025	.156	.083	.025	.147	.079	.024	.139	.076	.023	
5.0	.162	.082	.024	.157	.081	.024	.149	.078	.023	.142	.075	.022	.135	.072	.022	
6.0	.154	.077	.022	.150	.076	.022	.143	.073	.021	.136	.071	.021	.130	.068	.020	
7.0	.147	.073	.021	.143	.071	.020	.137	.069	.020	.131	.067	.020	.125	.065	.019	
8.0	.140	.069	.019	.137	.068	.019	.131	.066	.019	.126	.064	.018	.121	.062	.018	
9.0	.134	.065	.018	.131	.064	.018	.126	.062	.018	.121	.061	.017	.116	.059	.017	
10.0	.128	.062	.017	.126	.061	.017	.121	.059	.017	.116	.058	.016	.112	.056	.016	

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			Ceiling Cavity Exitance Coefficients(CCEC)												
0.0	.210	.210	.210	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.192	.176	.163	.164	.151	.140	.112	.104	.097	.065	.060	.056	.021	.019	.018	
2.0	.178	.152	.130	.152	.131	.113	.104	.090	.078	.060	.053	.046	.019	.017	.015	
3.0	.166	.133	.107	.143	.115	.093	.098	.080	.065	.057	.047	.038	.018	.015	.013	
4.0	.157	.119	.090	.135	.103	.078	.093	.072	.055	.054	.042	.033	.017	.014	.011	
5.0	.149	.108	.077	.128	.093	.067	.088	.065	.047	.051	.038	.028	.016	.012	.009	
6.0	.142	.099	.068	.122	.085	.059	.084	.060	.042	.049	.035	.025	.016	.011	.008	
7.0	.136	.091	.060	.117	.079	.052	.081	.055	.037	.047	.033	.022	.015	.011	.007	
8.0	.130	.085	.054	.112	.074	.047	.077	.052	.034	.045	.031	.020	.015	.010	.007	
9.0	.125	.080	.050	.108	.070	.043	.075	.049	.031	.043	.029	.018	.014	.009	.006	
10.0	.120	.076	.046	.104	.066	.040	.072	.046	.029	.042	.027	.017	.014	.009	.006	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-07-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks:

Uncorrected UGR Table

Test:U:226.5V I:0.1810A P:39.10W PF:0.9490 Lamp Flux:4027.89x1 lm											
NAME:					TYPE:			WEIGHT:			
DIM.:					SPEC.:			SERIAL No.:			
MFR.: Rayconn					SUR.:			PROTECTION 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	21.1	22.1	21.4	22.3	22.6	21.2	22.2	21.4	22.4	22.6	
	3H	20.9	21.9	21.2	22.1	22.4	21.0	21.9	21.3	22.2	22.4
	4H	20.9	21.7	21.2	22.0	22.3	20.9	21.8	21.2	22.1	22.3
	6H	20.8	21.6	21.1	21.9	22.2	20.8	21.7	21.2	21.9	22.2
	8H	20.7	21.5	21.1	21.8	22.1	20.8	21.6	21.1	21.9	22.2
	12H	20.7	21.5	21.1	21.8	22.1	20.8	21.5	21.1	21.8	22.2
4H	2H	20.8	21.7	21.2	22.0	22.3	20.9	21.8	21.2	22.0	22.3
	3H	20.7	21.4	21.0	21.7	22.1	20.7	21.5	21.1	21.8	22.1
	4H	20.6	21.3	21.0	21.6	22.0	20.6	21.3	21.0	21.7	22.0
	6H	20.5	21.1	20.9	21.5	21.9	20.6	21.2	21.0	21.6	22.0
	8H	20.5	21.0	20.9	21.4	21.9	20.5	21.1	21.0	21.5	21.9
	12H	20.5	21.0	20.9	21.4	21.8	20.5	21.0	21.0	21.4	21.9
8H	4H	20.4	21.0	20.9	21.4	21.8	20.5	21.1	20.9	21.5	21.9
	6H	20.4	20.8	20.9	21.3	21.7	20.4	20.9	20.9	21.3	21.8
	8H	20.4	20.8	20.9	21.2	21.7	20.4	20.8	20.9	21.3	21.8
	12H	20.4	20.7	20.9	21.2	21.7	20.4	20.8	20.9	21.3	21.8
12H	4H	20.4	20.9	20.9	21.3	21.8	20.5	21.0	20.9	21.4	21.8
	6H	20.3	20.7	20.8	21.2	21.7	20.4	20.8	20.9	21.3	21.8
	8H	20.3	20.7	20.8	21.2	21.7	20.4	20.7	20.9	21.2	21.7
Variations with the observer position at spacings:											
S = 1.0H	+ 2.9 / - 9.8					+ 2.9 / - 9.8					
1.5H	+ 3.2 / -10.5					+ 3.1 / -10.5					
2.0H	+ 7.2 / - 7.1					+ 7.2 / - 7.2					

CIE Pub.117 Corrected 4028 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.8)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-07-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:226.5V I:0.1810A P:39.10W PF:0.9490 Lamp Flux:4027.89x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

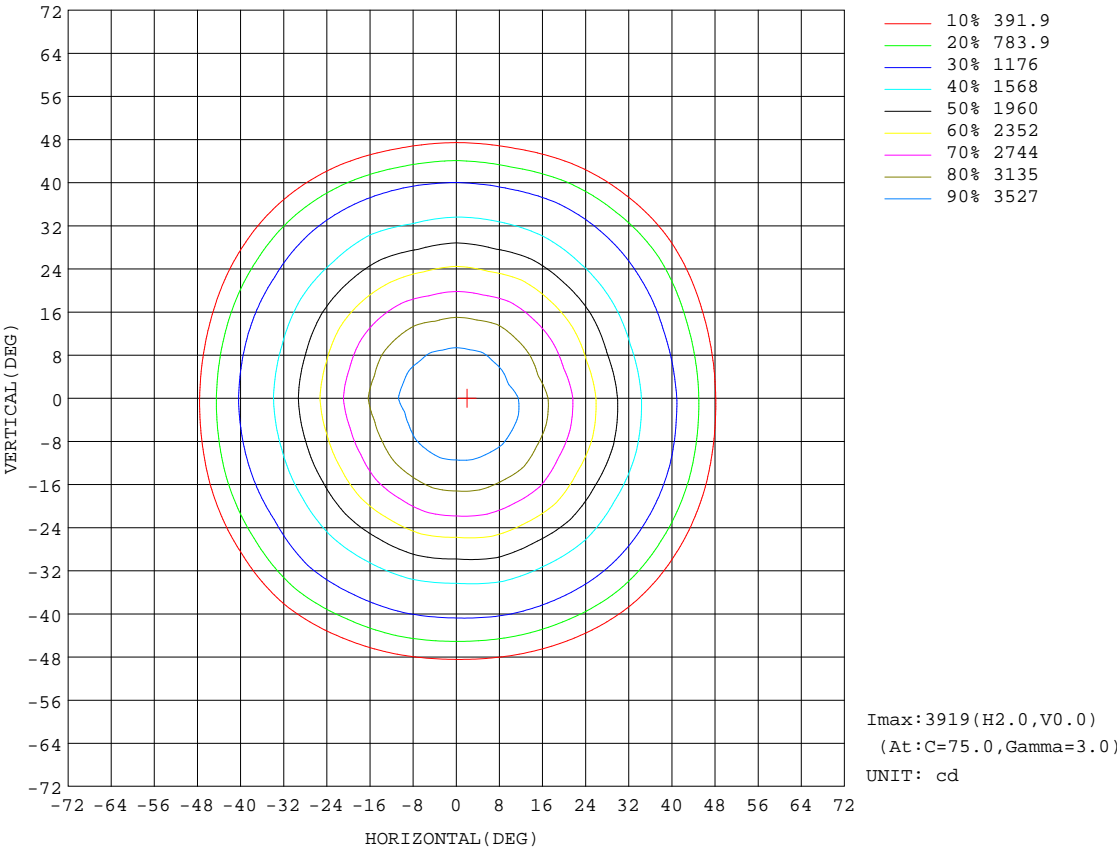
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	80	72	68	79	72	68	78	72	68	63
0.80	88	81	77	88	81	77	86	80	76	72
1.00	94	88	83	93	87	83	91	87	82	77
1.25	99	93	89	98	92	88	95	91	87	82
1.50	102	97	93	101	96	92	98	94	91	85
2.00	106	101	97	104	100	96	101	97	94	88
2.50	108	103	100	106	102	99	102	99	97	90
3.00	110	106	102	108	104	101	104	101	99	91
4.00	112	109	106	109	107	104	105	103	101	93
5.00	113	110	108	111	108	106	106	104	103	94
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-07-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:226.5V I:0.1810A P:39.10W PF:0.9490 Lamp Flux:4027.89x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



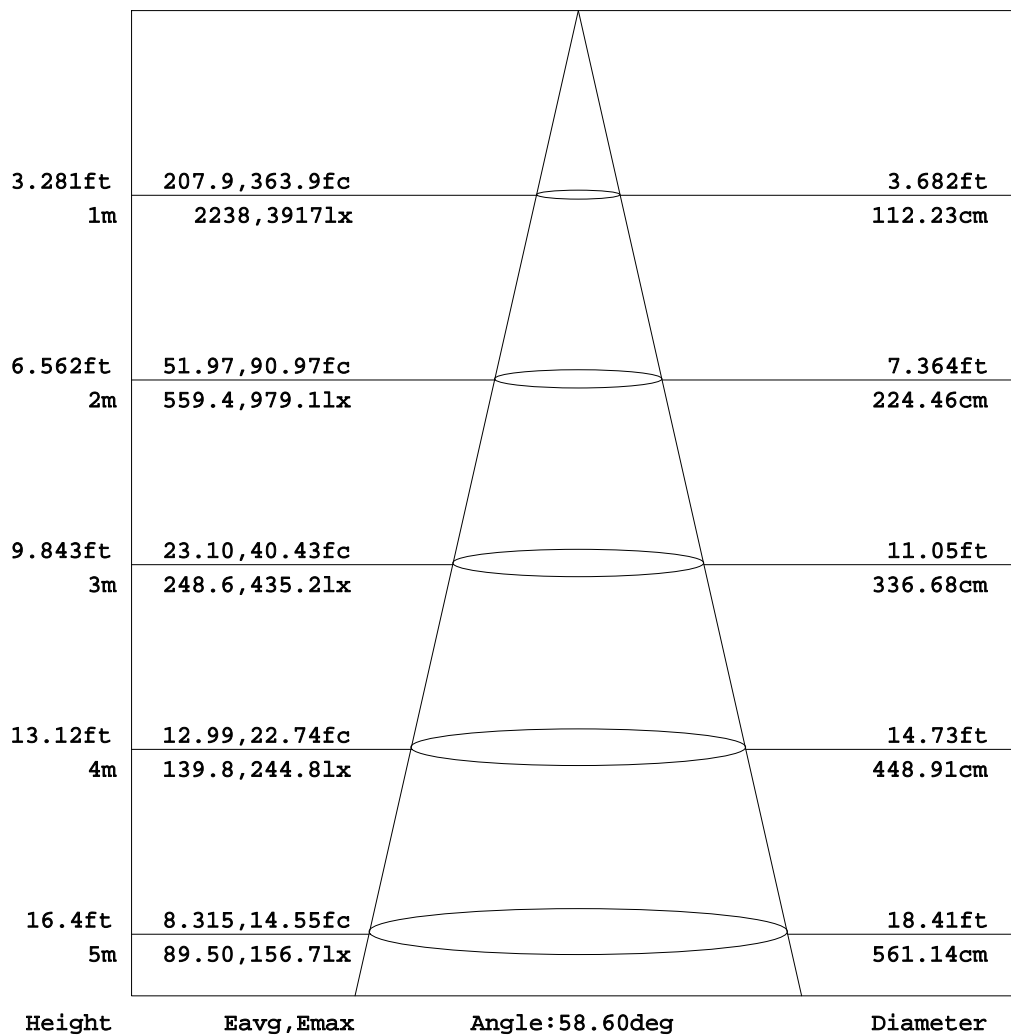
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-07-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks:

AAI Figure

Test:U:226.5V I:0.1810A P:39.10W PF:0.9490 Lamp Flux:4027.89x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Flux out:2343 lm



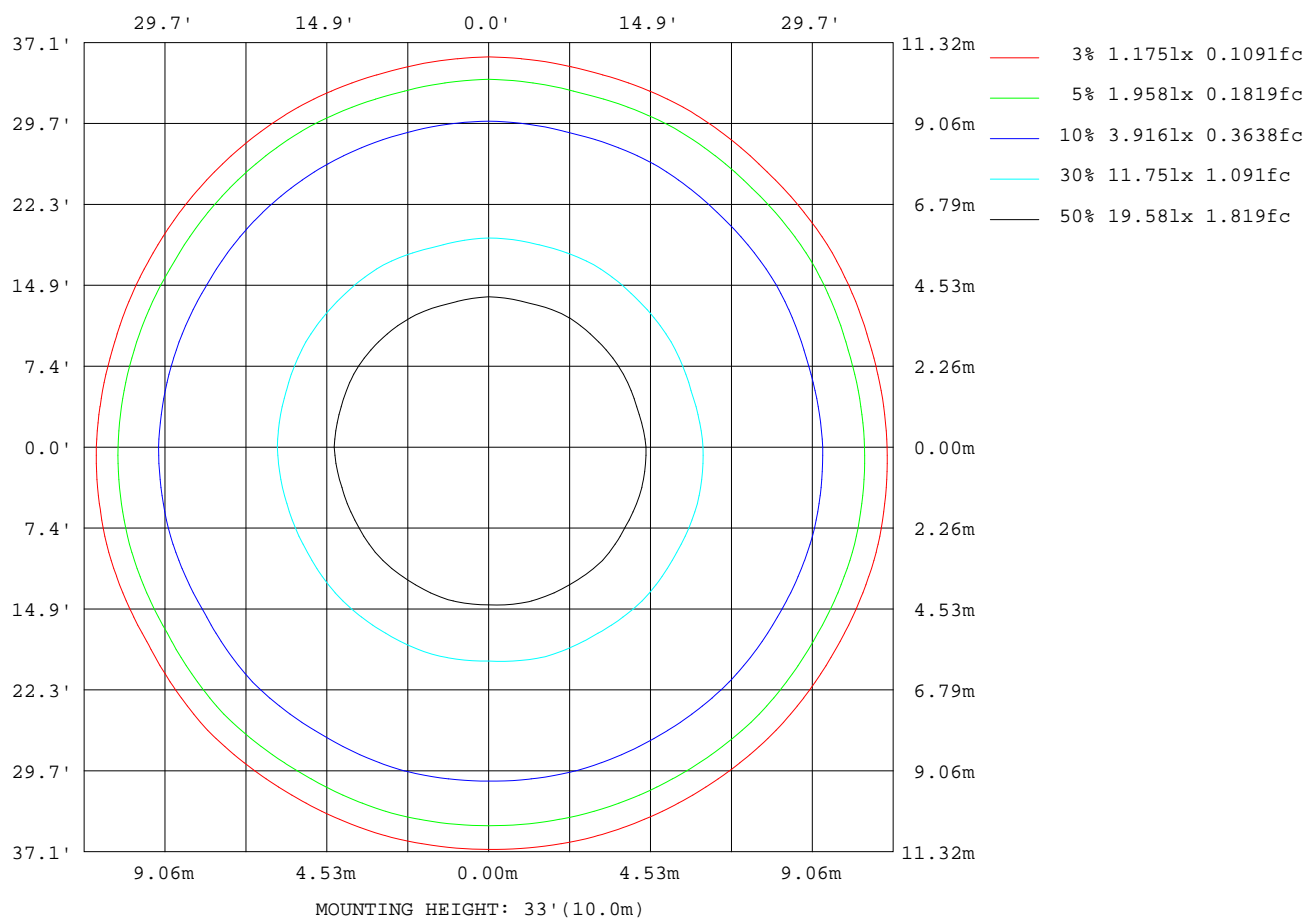
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-07-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 6.590m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

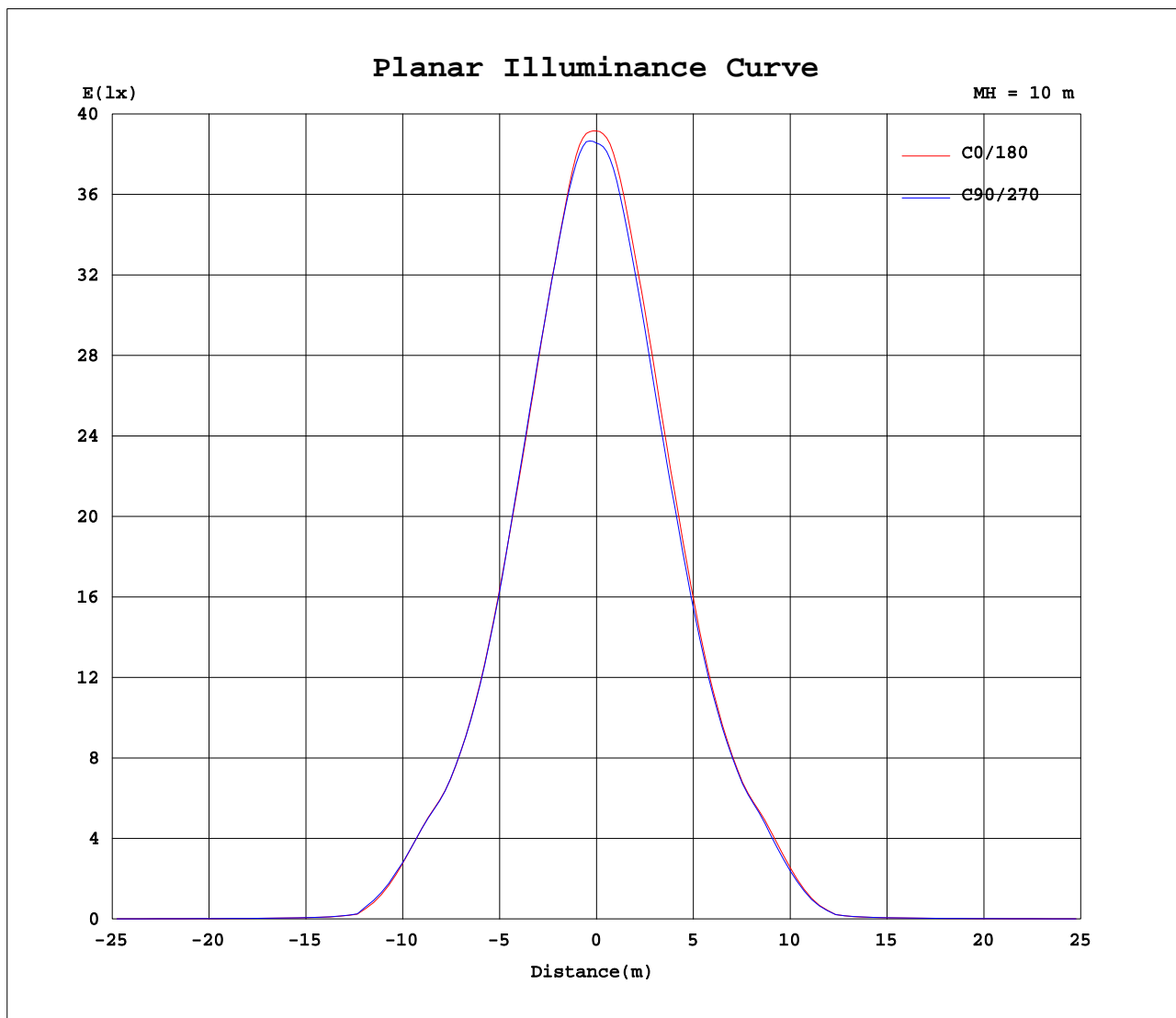
Test:U:226.5V I:0.1810A P:39.10W PF:0.9490 Lamp Flux:4027.89x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-07-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 6.590m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: ZhangXiao
Test Date: 2016-07-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 6.590m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:226.5V I:0.1810A P:39.10W PF:0.9490 Lamp Flux:4027.89x1 lm																			
NAME:										TYPE:					WEIGHT:				
DIM.:										SPEC.:					SERIAL No.:				
MFR.: Rayconn										SUR.:					PROTECTION ANGLE:				

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	3864	3864	3864	3864	3864	3864	3864	3864	3864	3864	3864	3864	3864	3864	3864	3864	3864	3864	3864
5	3839	3849	3852	3859	3858	3859	3854	3859	3851	3846	3825	3812	3797	3788	3785	3771	3775	3768	3778
10	3578	3615	3622	3642	3631	3643	3626	3630	3604	3594	3561	3552	3530	3507	3512	3492	3505	3480	3493
15	3249	3288	3296	3329	3318	3321	3299	3307	3276	3266	3225	3220	3197	3164	3182	3172	3165	3122	3141
20	2846	2880	2887	2939	2924	2934	2911	2914	2871	2858	2806	2804	2790	2759	2780	2769	2759	2713	2732
25	2406	2440	2439	2496	2476	2488	2440	2453	2411	2406	2360	2359	2347	2324	2346	2328	2308	2276	2308
30	1926	1969	1959	1999	1975	2002	1947	1964	1927	1917	1876	1880	1869	1853	1874	1866	1874	1823	1858
35	1496	1526	1520	1560	1545	1564	1520	1531	1504	1503	1468	1472	1460	1445	1459	1449	1485	1442	1467
40	1202	1226	1221	1228	1228	1231	1214	1214	1204	1210	1178	1194	1181	1171	1154	1172	1178	1179	1179
45	773	803	793	819	803	809	797	806	774	785	729	744	712	671	643	658	670	652	678
50	195	220	222	239	240	248	231	248	200	198	151	175	163	115	153	112	157	112	160
55	46.7	48.0	47.7	49.0	48.6	49.8	48.4	48.3	46.4	46.3	45.4	45.2	43.9	43.0	44.6	43.7	45.6	45.5	46.0
60	32.6	33.1	33.1	33.4	33.1	33.5	33.2	33.3	32.8	33.0	32.5	32.4	31.6	31.1	31.7	31.7	32.5	32.5	32.8
65	24.9	25.3	25.1	25.3	25.0	25.2	24.8	25.1	24.9	25.2	25.0	24.9	24.6	24.2	24.3	24.2	24.6	24.5	24.8
70	17.3	18.6	17.9	18.6	17.8	18.2	17.4	18.0	17.0	17.5	16.1	16.4	15.9	15.3	15.6	15.2	15.5	15.2	15.6
75	11.9	12.1	12.0	12.2	12.1	12.2	12.0	12.0	11.8	11.8	11.6	11.6	11.9	11.8	11.9	11.9	12.0	12.0	12.2
80	9.80	9.86	9.83	9.87	9.84	9.88	9.82	9.82	9.72	9.71	9.59	9.58	10.2	10.2	10.2	10.2	10.3	10.4	10.4
85	8.67	8.71	8.70	8.74	8.71	8.74	8.69	8.68	8.61	8.60	8.53	8.51	9.27	9.26	9.30	9.32	9.38	9.40	9.43
90	7.12	7.24	7.20	7.30	7.25	7.31	7.22	7.23	7.11	7.13	7.08	7.06	8.03	8.08	8.07	8.10	8.09	8.11	8.07
95	7.67	7.64	7.65	7.63	7.64	7.63	7.65	7.63	7.66	7.66	7.70	7.70	8.82	8.87	8.86	8.91	8.89	8.91	8.87
100	8.48	8.44	8.45	8.42	8.45	8.43	8.45	8.43	8.47	8.46	8.51	8.52	9.76	9.83	9.82	9.88	9.85	9.88	9.83
105	9.48	9.43	9.45	9.41	9.44	9.40	9.44	9.42	9.47	9.46	9.52	9.53	10.9	11.0	11.0	11.0	11.0	11.0	11.0
110	10.7	10.7	10.7	10.6	10.7	10.6	10.7	10.6	10.7	10.7	10.8	10.8	12.2	12.3	12.2	12.3	12.3	12.3	12.2
115	12.2	12.1	12.1	12.1	12.1	12.0	12.1	12.1	12.2	12.1	12.3	12.3	13.6	13.7	13.7	13.8	13.8	13.8	13.8
120	13.9	13.8	13.8	13.7	13.8	13.7	13.8	13.8	13.9	13.9	14.0	14.0	15.3	15.4	15.4	15.5	15.5	15.5	15.4
125	15.8	15.7	15.7	15.6	15.7	15.6	15.7	15.7	15.7	15.8	15.9	15.9	17.2	17.3	17.3	17.4	17.3	17.4	17.3
130	17.8	17.7	17.7	17.6	17.6	17.6	17.7	17.7	17.7	17.8	17.9	17.9	19.1	19.2	19.2	19.3	19.2	19.3	19.2
135	19.8	19.8	19.7	19.6	19.6	19.6	19.6	19.6	19.7	19.7	19.9	19.9	21.0	21.1	21.1	21.1	21.1	21.1	21.1
140	21.8	21.8	21.8	21.6	21.6	21.6	21.6	21.6	21.7	21.7	21.9	21.9	22.8	22.9	22.9	23.0	23.0	23.0	22.9
145	23.7	23.6	23.6	23.5	23.5	23.4	23.5	23.5	23.5	23.6	23.7	23.7	24.4	24.5	24.5	24.5	24.5	24.5	24.5
150	25.1	25.0	25.0	24.9	24.9	24.9	24.9	24.9	24.9	25.0	25.0	25.1	25.6	25.7	25.7	25.7	25.7	25.7	25.6
155	26.3	26.2	26.2	26.2	26.1	26.1	26.1	26.1	26.2	26.2	26.2	26.2	26.7	26.8	26.8	26.8	26.8	26.8	26.7
160	27.4	27.4	27.4	27.4	27.4	27.3	27.3	27.3	27.4	27.4	27.4	27.4	27.8	27.8	27.8	27.8	27.8	27.8	27.8
165	28.5	28.5	28.5	28.5	28.5	28.5	28.4	28.4	28.4	28.4	28.5	28.5	28.8	28.8	28.8	28.8	28.8	28.8	28.7
170	29.6	29.6	29.6	29.6	29.6	29.6	29.5	29.5	29.5	29.5	29.5	29.5	29.8	29.8	29.8	29.8	29.8	29.8	29.8
175	30.7	30.7	30.7	30.7	30.7	30.7	30.6	30.6	30.6	30.6	30.6	30.6	30.9	30.8	30.8	30.8	30.8	30.8	30.8
180	31.3	31.4	31.3	31.4	31.3	31.4	31.3	31.3	31.3	31.3	31.3	31.3	31.4	31.4	31.4	31.3	31.4	31.3	31.3

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:ZhangXiao
Test Date:2016-07-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:226.5V I:0.1810A P:39.10W PF:0.9490 Lamp Flux:4027.89x1 lm		
NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Rayconn	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEC)	285	300	315	330	345														
γ (DEC)																			
0	3864	3864	3864	3864	3864														
5	3780	3793	3802	3816	3829														
10	3496	3532	3530	3551	3559														
15	3146	3197	3202	3220	3221														
20	2732	2790	2793	2817	2823														
25	2289	2354	2357	2380	2382														
30	1851	1890	1876	1897	1891														
35	1464	1476	1457	1466	1475														
40	1174	1192	1188	1186	1195														
45	653	697	699	747	741														
50	113	163	121	179	160														
55	44.5	44.6	44.1	45.8	45.5														
60	32.3	32.5	32.2	32.5	32.3														
65	24.5	24.8	24.7	25.0	24.9														
70	15.4	16.0	15.8	16.8	16.7														
75	12.1	12.2	12.2	12.3	12.3														
80	10.4	10.4	10.4	10.4	10.4														
85	9.43	9.44	9.43	9.43	9.41														
90	8.09	8.04	8.04	7.99	8.01														
95	8.88	8.82	8.83	8.76	8.77														
100	9.84	9.77	9.78	9.70	9.71														
105	11.0	10.9	10.9	10.8	10.8														
110	12.3	12.2	12.2	12.1	12.1														
115	13.8	13.6	13.6	13.5	13.5														
120	15.4	15.3	15.3	15.2	15.2														
125	17.3	17.2	17.1	17.0	17.0														
130	19.2	19.1	19.0	18.9	18.9														
135	21.1	21.0	20.9	20.8	20.8														
140	22.9	22.8	22.8	22.7	22.7														
145	24.5	24.4	24.4	24.3	24.3														
150	25.6	25.6	25.6	25.5	25.5														
155	26.7	26.7	26.7	26.6	26.7														
160	27.8	27.7	27.8	27.7	27.7														
165	28.7	28.7	28.7	28.7	28.7														
170	29.7	29.7	29.7	29.7	29.7														
175	30.7	30.7	30.7	30.7	30.7														
180	31.3	31.3	31.3	31.3	31.3														

C Range: 0 - 360DEC
C Interval: 15.0DEC
Test Speed: HIGH
Temperature:25.3DEC
Operators:ZhangXiao
Test Date:2016-07-29

γ Range: 0 - 180DEC
γ Interval: 1.0DEC
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:6.590m [K=1.0000]
Remarks: