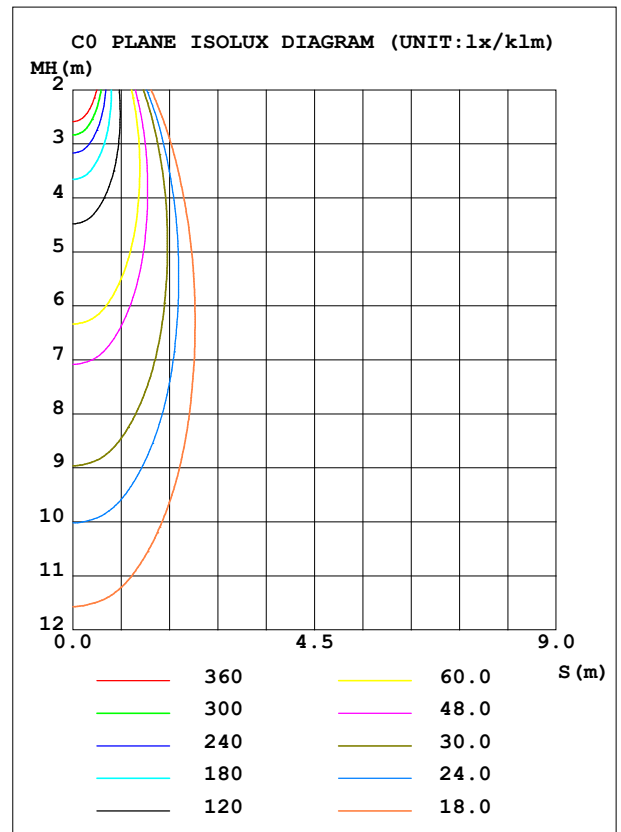
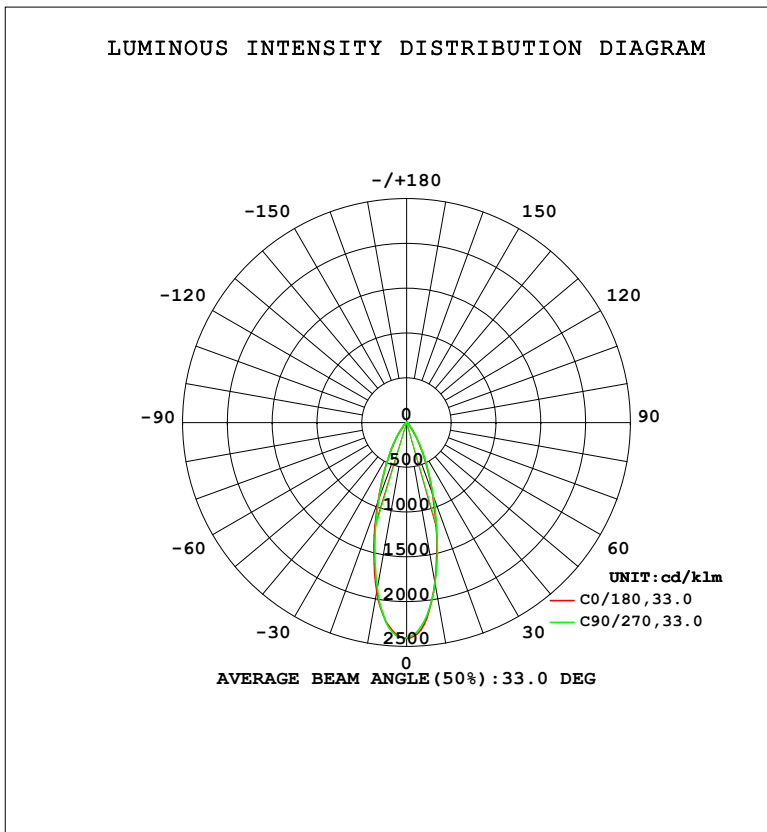


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.87V I:0.1120A P:13.219W PF:0.9847 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1007.25x1 lm		
NAME: 3INCH-15W-1000LM	TYPE:	WEIGHT:
SPEC.: 3000K 90	DIM.:	SERIAL No.:
MFR.: DIRECTLED	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 76.20 lm/W
MODEL		I _{max} (cd/klm)	2409	S/MH (C0/180)		0.56
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)		0.55
RATED VOLTAGE (V)	120	TOTAL FLUX (lm/klm)	1000.0	η UP, DN (C0-180)		0.0, 50.4
NOMINAL FLUX (lm)	1007.25	CIE CLASS	DIRECT	η UP, DN (C180-360)		0.0, 49.6
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM		0.50
TEST VOLTAGE (V)	120	η down (%)	100.0	CIBSE SHR MAX		0.55



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3 °C
 Operators:
 Test Date: 2023-03-20

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity: 65.0%
 Test Distance: 3.090m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

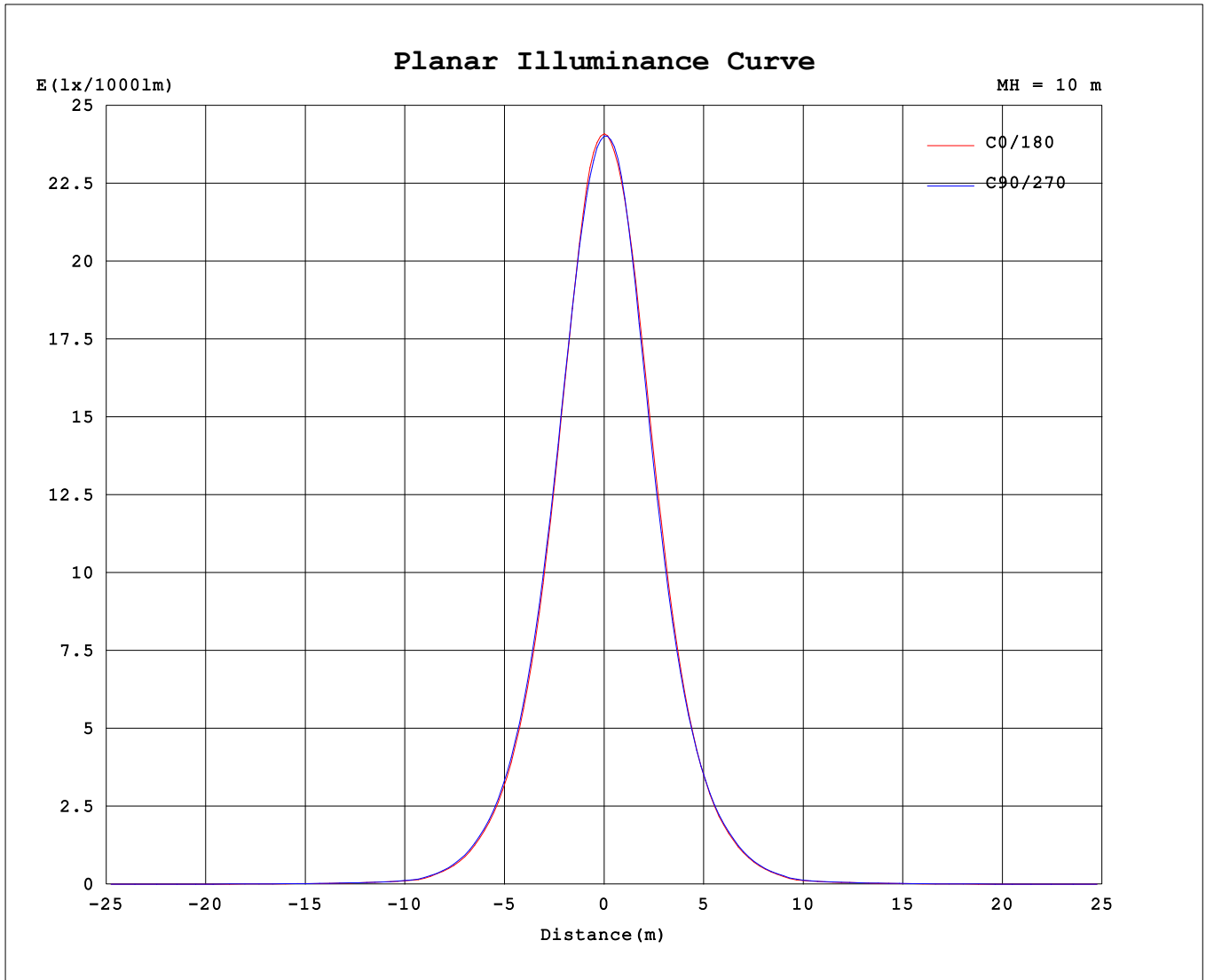
ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1819	1879	1827	1892	1919	1829	1886	1824	0- 10	202.9	202.9	20.3,20.3
20	849.3	914.9	876.7	916.7	934.7	872.5	910.2	846.5	10- 20	370.1	573.0	57.3,57.3
30	306.3	338.2	319.1	333.7	337.0	325.0	344.8	310.9	20- 30	257.2	830.2	83,83
40	75.65	88.50	78.76	80.01	88.71	83.70	92.30	79.25	30- 40	114.3	944.5	94.4,94.4
50	22.47	22.49	22.95	24.21	23.40	23.17	24.73	24.21	40- 50	31.47	975.9	97.6,97.6
60	9.313	8.872	10.40	11.56	9.990	9.789	10.80	10.75	50- 60	14.63	990.5	99.1,99.1
70	3.165	3.366	3.850	4.308	3.534	3.353	3.959	3.596	60- 70	6.506	997.0	99.7,99.7
80	0.8886	1.035	1.480	1.551	1.100	0.9799	1.501	1.208	70- 80	2.489	999.5	100,100
90	0.0429	0.0432	0.0440	0.0499	0.0432	0.0373	0.0369	0.0358	80- 90	0.4610	1000	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/klm									UNIT:lm/klm		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2023-03-20

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.090m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3 °C
 Operators:
 Test Date: 2023-03-20

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity: 65.0%
 Test Distance: 3.090m [K=1.0000]
 Remarks:

