



IP 66



QUATTRO LINEAR LIGHT 4ft. + EMERGENCY MODULE

VOL-EQL-040-CW-4FT

SECTION 1: SPECIFICATIONS

POWER	40W
VOLTAGE	100-277V
LED TYPE	SMD 2835
NUMBER OF LEDs	216
LIGHT OUTPUT	5600 lm
MATERIAL	ALUMINUM
CCT	4000K (NW)
BEAM ANGLE	120°
IP RATING	IP66
FIXTURE LIFETIME	50,000HRS
OPERATION TEMPERATURE	-20° to +40°C
STORAGE TEMPERATURE	-40° to +85°C
DIMENSIONS	1200*71*84mm
WEIGHT	22.152KG

SECTION 2: EMERGENCY PARAMETERS

RUNNING TIME	>3 Hrs
LIGHT OUTPUT	680 lm
POWER	6.5W
VOLTAGE	32V
CURRENT	200mA
BATTERY CHARGING TIME	<24 Hrs
EFFICIENCY	>89%
CONVERSION TIME	<1 Sec
BATTERY VOLTAGE	7.2V
BATTERY CAPACITY	4000 mA/H

SECTION 3: CERTIFICATIONS

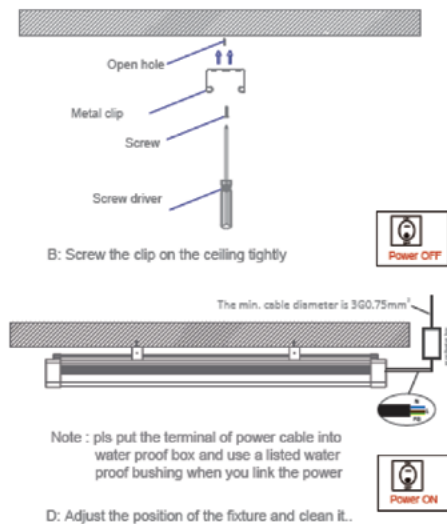
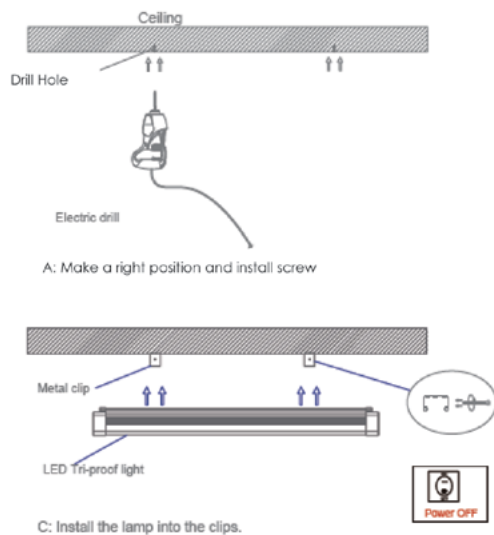
1	UL Listing: Underwriters Laboratory testing for dependable reliability and life span of fixture.
2	Rohs Certification: Restriction of Hazardous Substances- Ensuring no toxic chemicals or materials are used in the manufacture.
3	CE Certification: (Conformity European) to ensure that this product can be within the strictest standards of Europe.
4	Safety standards EN 60598-1: 2015; EN 60598-2-2: 2012;
5	EN 62031: 2008+A1: 2013+A2: 2015; EN 62493: 2015; EN 62471: 2008;
6	EMC Emission Compliance to EN55015: 2013,EN61000-3-2: 2014; EN61000-3-3: 2013;
7	EMC Immunity Compliance to EN61547: 2009;

SECTION 4: COMPARABLE OLDER LIGHT SOURCE

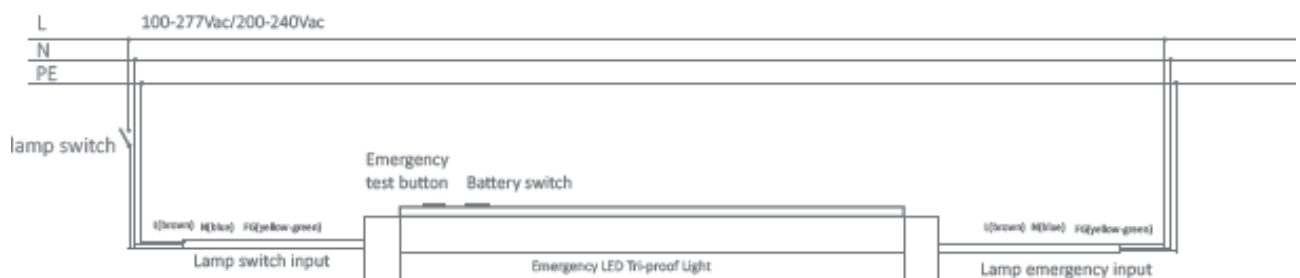
2 Feet Double Tube Vapor Proof Fixture	4ft Quattro linear
72 Watts Power	40 W Power
8000 Hour Lifespan	50,000 Hour Span
<IK4 Impact Resistance	Ik10 Impact Resistance
2 Points of Failure (Ballast + Bulb)	No Ballast
Carries no warranty	Always have warranty
Contains deadly mercury gas	RoHS certified for no toxic chemicals
Does not function well in cold environments	Operating -20-+40 Degrees Celsius

SECTION 5: INSTALLATION

B.Ceiling Mounted



SECTION 6: WIRING DIAGRAM



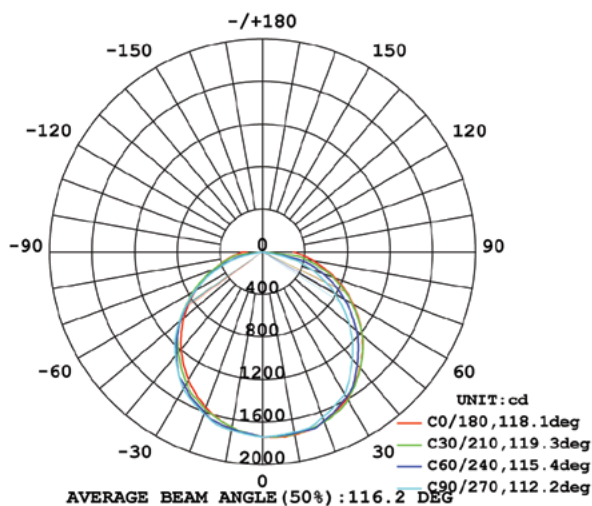
1. Emergency test button: Button with red and green lights, green for non emergency state and in charge, red for emergency status indicator light.
2. Lamp emergency input: The emergency input of the lamp is forbidden to have a switch. Power cut, lamp automatic emergency lighting.
3. Lamp switch: Control the Lamp of the ON and OFF.
4. Battery switch: Control the battery of the ON and OFF. After shipment, the switch is off and the switch must be turned on when working.

SECTION 7: LUMINAIRE PHOTOMETRIC TEST REPORT

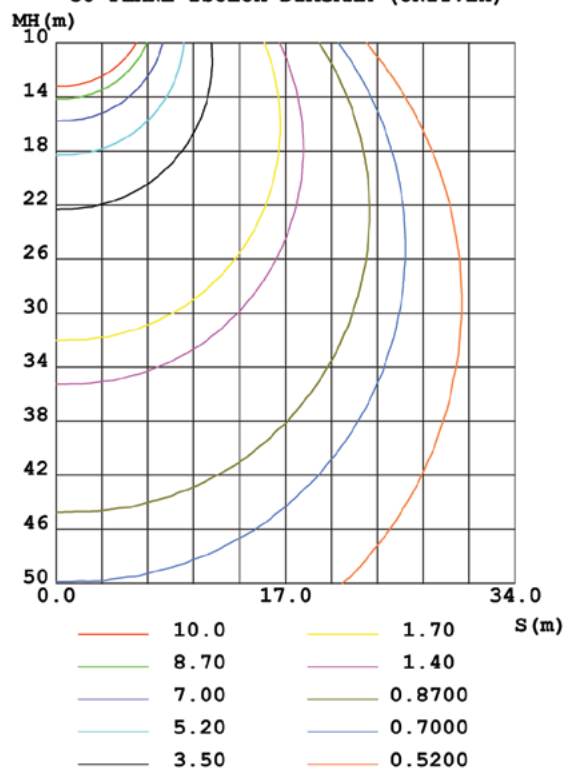
Test:U:221.0V I:0.1660A P:35.90W PF:0.9720 Lamp Flux:5226.51x1 lm		
NAME: LED Tri-proof Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 145.59 lm/W			
MODEL		I _{max} (cd)	1753	S/MH (C0/180)	1.20
NOMINAL POWER (W)	40	LOR (%)	100.0	S/MH (C90/270)	1.27
RATED VOLTAGE (V)	200-240	TOTAL FLUX (lm)	5226.5	η UP, DN (C0-180)	0.0, 50.7
NOMINAL FLUX (lm)	5226.51	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 49.3
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	236.3	η down (%)	100.0	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



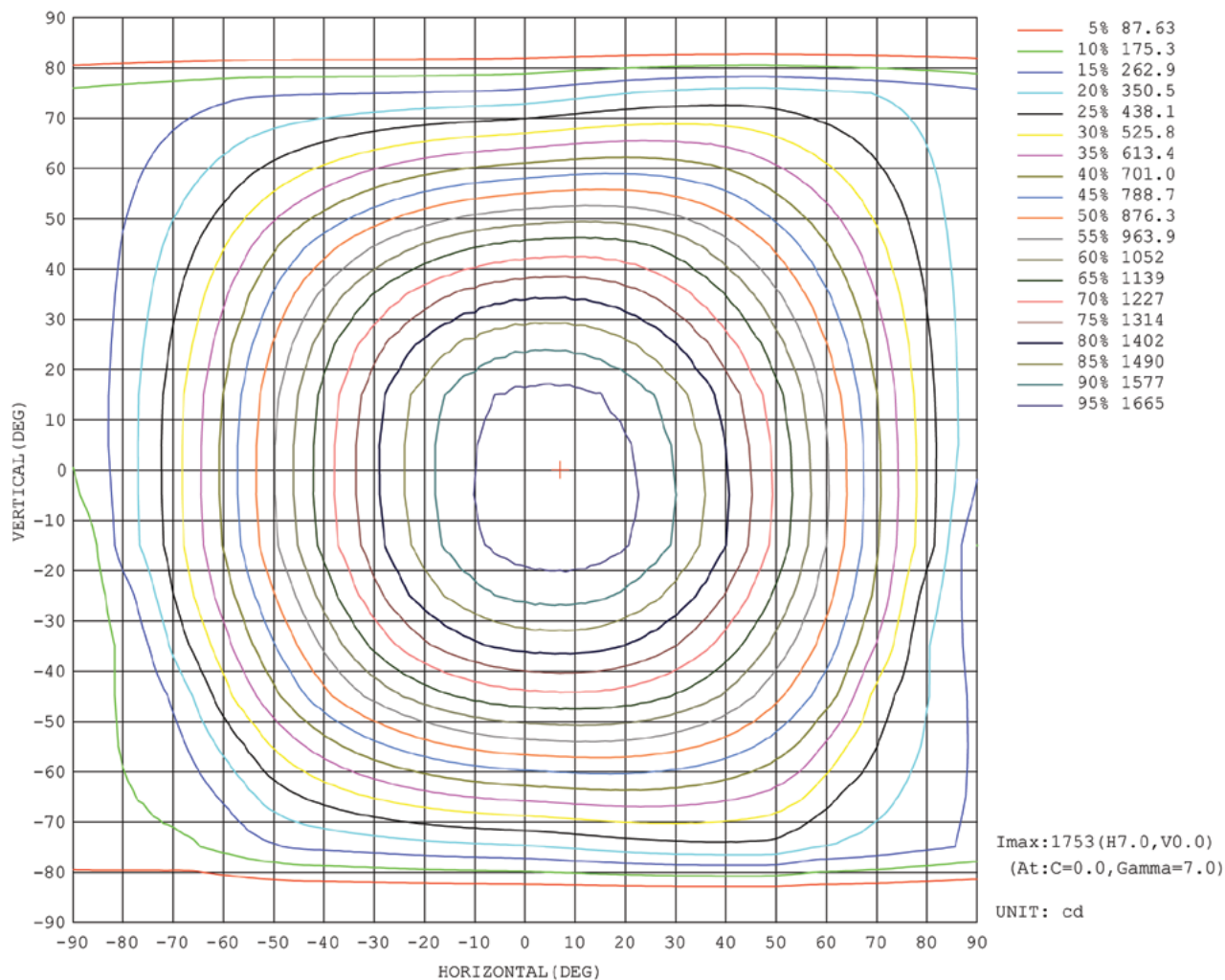
C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: 001
Test Date: 2016-05-24

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.295
Humidity: 65.0%
Test Distance: 13.000m [K=1.0000]
Remarks:

SECTION 8: ISOCANDELA DIAGRAM

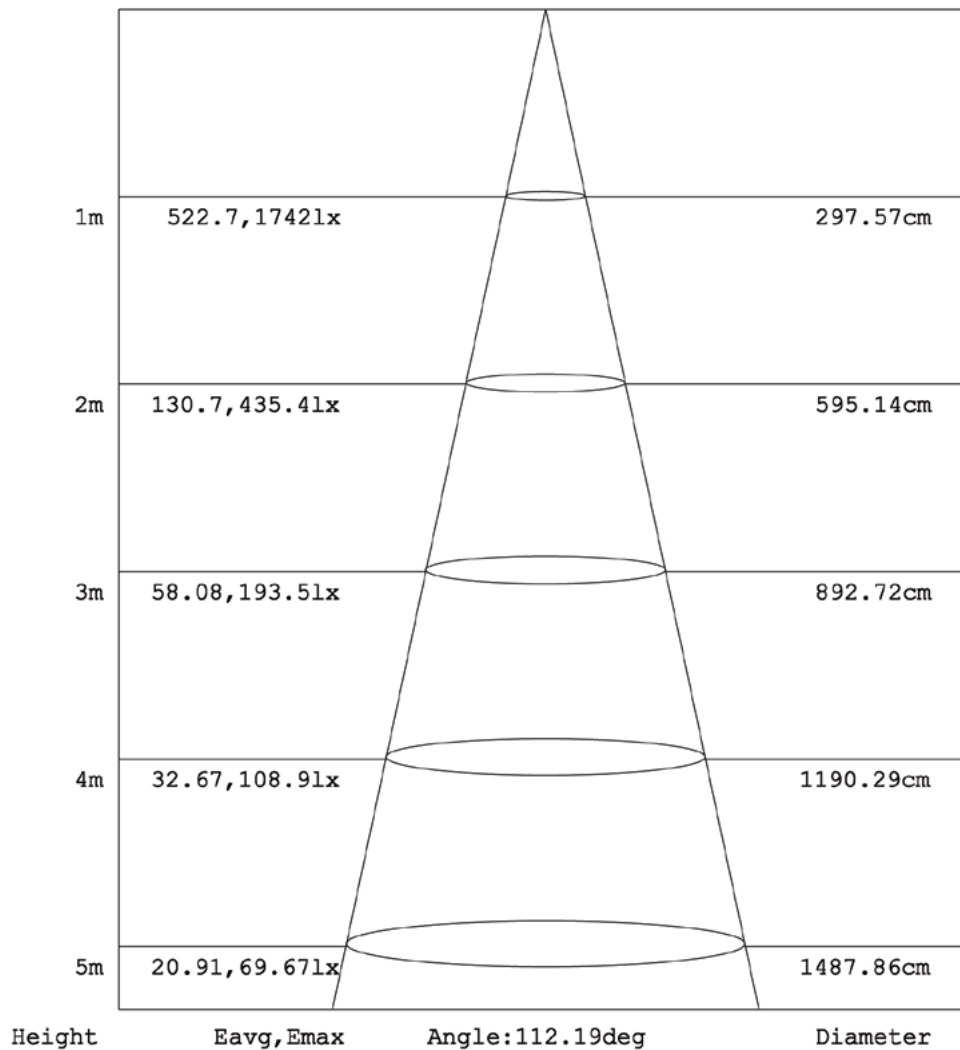


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:001
Test Date:2016-05-24

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:13.000m [K=1.0000]
Remarks:

AAI Figure

Flux out:3748 lm

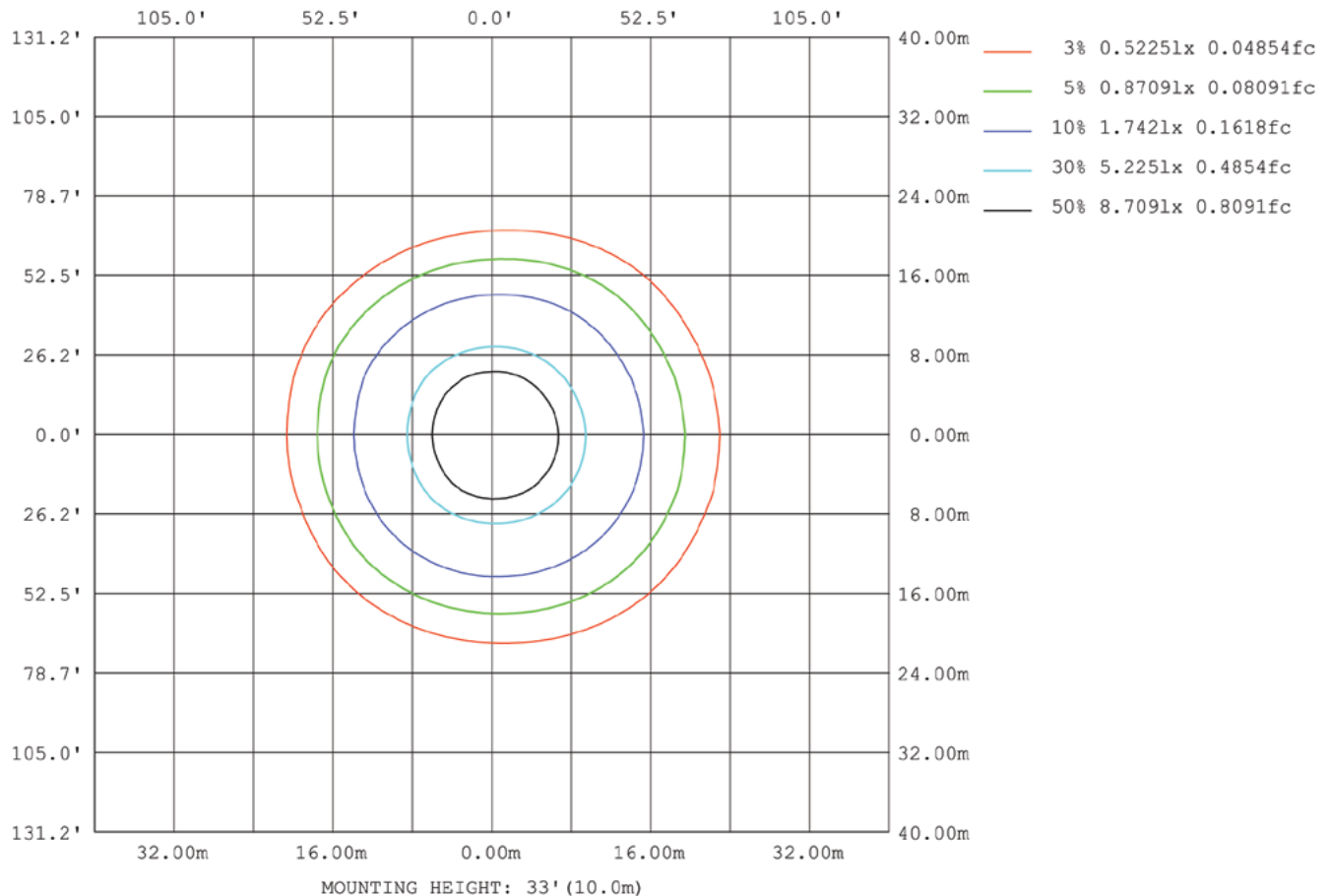


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:001
Test Date:2016-05-24

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:13.000m [K=1.0000]
Remarks:

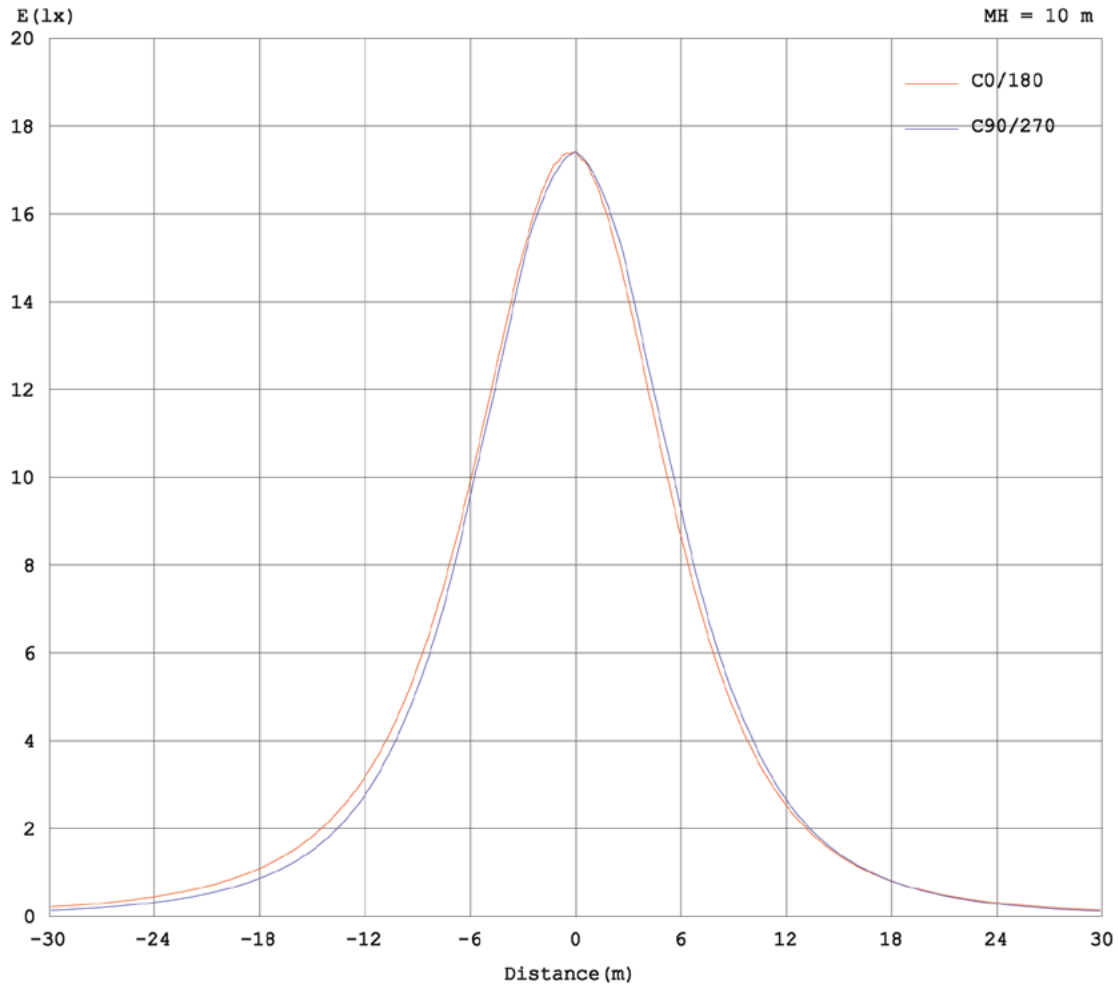
SECTION 9: ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: 001
Test Date: 2016-05-24

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.295
Humidity: 65.0%
Test Distance: 13.000m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: 001
Test Date: 2016-05-24

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.295
Humidity: 65.0%
Test Distance: 13.000m [K=1.0000]
Remarks: