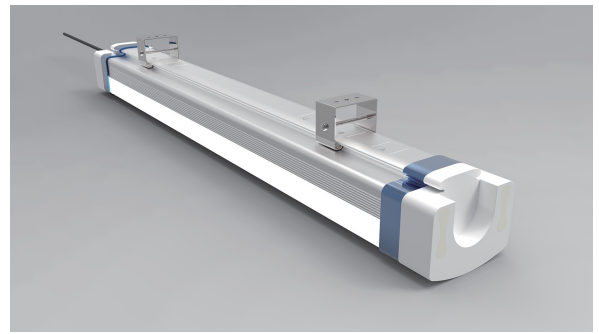


2FT QUATTRO LINEAR LIGHT



SECTION 1: GENERAL DESCRIPTION (FIXTURE AND DRIVER)

Model Number:	VOL-QL-020-CW-2FT
Dimension:	2FT
Voltage:	100-277V
Power:	20W
Hue:	C/W
Material:	Aluminum
Light Output:	2800 Lumens
Beam Angle:	120 Degrees
Correlated Colour Temperature:	6000-6500K
Fixture Life span:	50,000 hours
IP Rating:	66
Dimensions:	600x71x84mm
Weight:	12.362kg

SECTION 2: CERTIFICATIONS MET

1. UL Listing: Underwriters Laboratory testing for dependable reliability and lifespan 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 3: LIGHT SOURCE DESCRIPTION (LED CHIP)

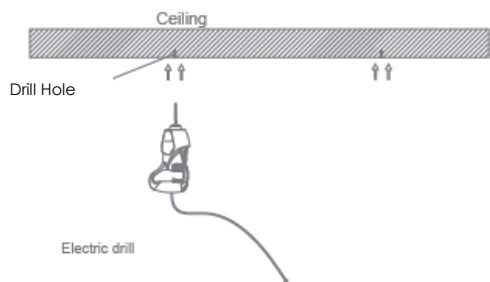
LED type	SMD 2835
Number of LEDs	108
Operational Temperature Range	-20-+40 °C
Storage Temperature Range	-40-+85 °C

SECTION 4: COMPARABLE OLDER LIGHT SOURCE

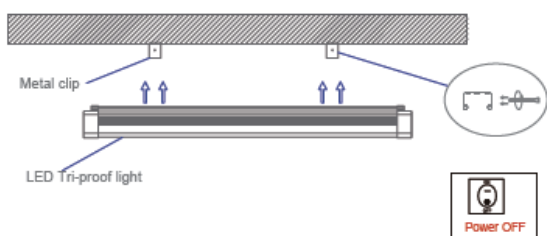
2 Feet Double Tube Vapor Proof Fixture	2FT Quattro linear
72 Watts Power	20 W Power
8000 Hour Lifespan	50,000 Hour Span
<IK4 Impact Resistance	Ik10 Impact Resistance
2 Points of Failure (Ballast + Bulb)	No Ballast
Carries no warranty	Always have warranty
Contains deadly mercury gas	RoHS certified for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

SECTION 5: INSTALLATION

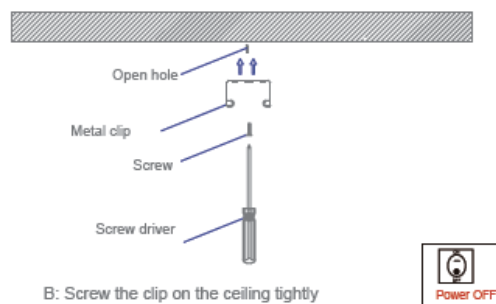
B. Ceiling Mounted



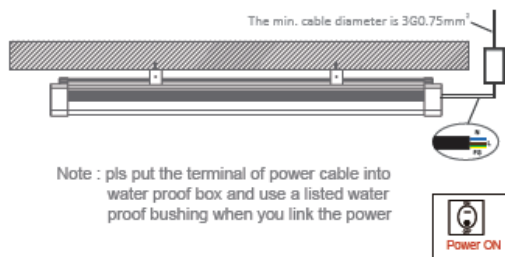
A: Make a right position and install screw



C: Install the lamp into the clips.



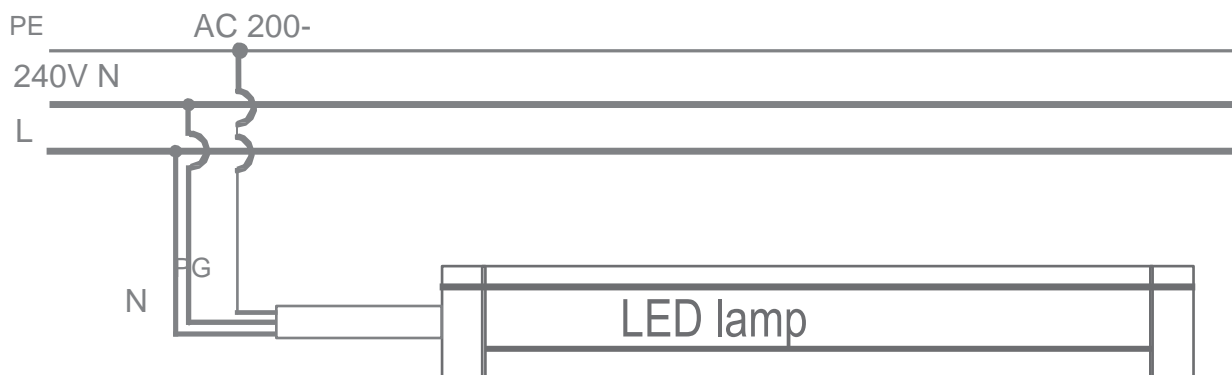
B: Screw the clip on the ceiling tightly



Note : pls put the terminal of power cable into water proof box and use a listed water proof bushing when you link the power

D: Adjust the position of the fixture and clean it.

SECTION 6: WIRING DIAGRAM



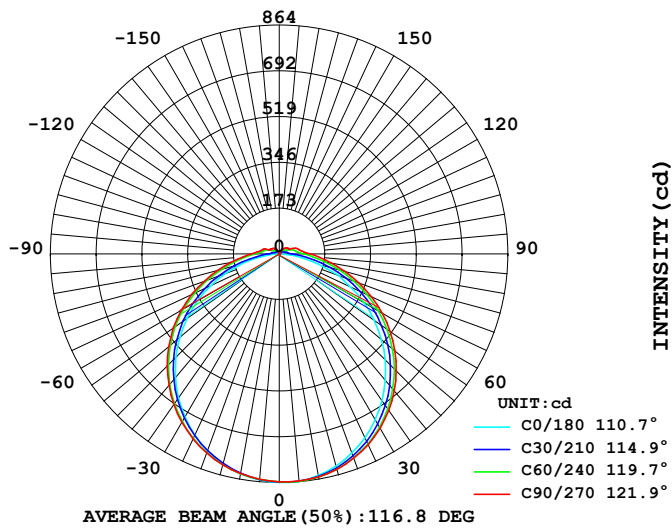
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

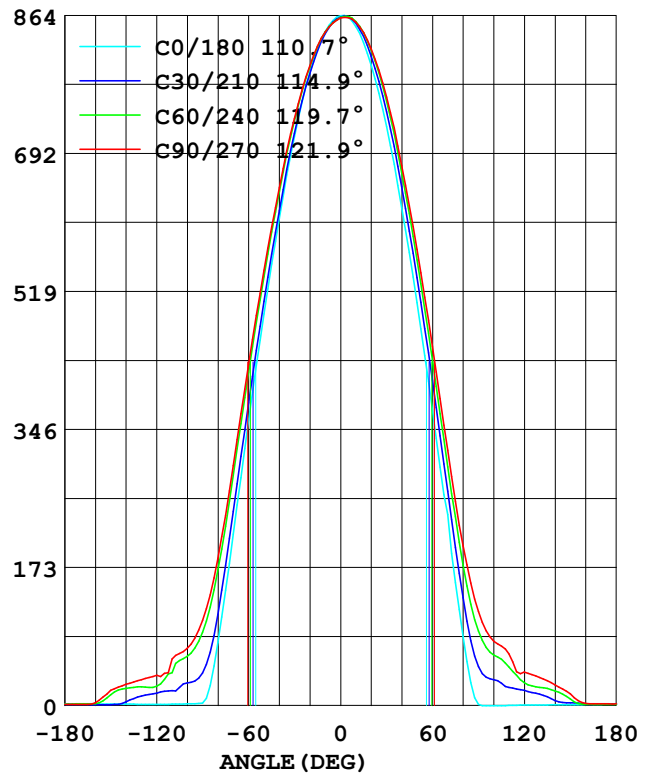
MANUFACTURER:	Address:		
NAME:	TYPE:		
SPECIFICATION:	DIMENSION:	SERIAL No.:	

DATA OF LAMP		Imax (cd)	864.4	S/MH (C0/180)	1.23
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.27
NOMINAL POWER (W)	20	TOTAL FLUX (lm)	2793.3	Voltage (V)	231.3
RATED VOLTAGE (V)	232	EFFICIENCY (lm/W)	139.7	Current (A)	0.088
NOMINAL FLUX (lm)	2793.4	η up (%)	5.7	Power (W)	19.99
LAMPS QUANTITY	1	η down (%)	94.3	Power Factor (PF)	0.974
TEST VOLTAGE (V)	231.4	Effective Flux (lm)	0.0	EEL	0.000

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



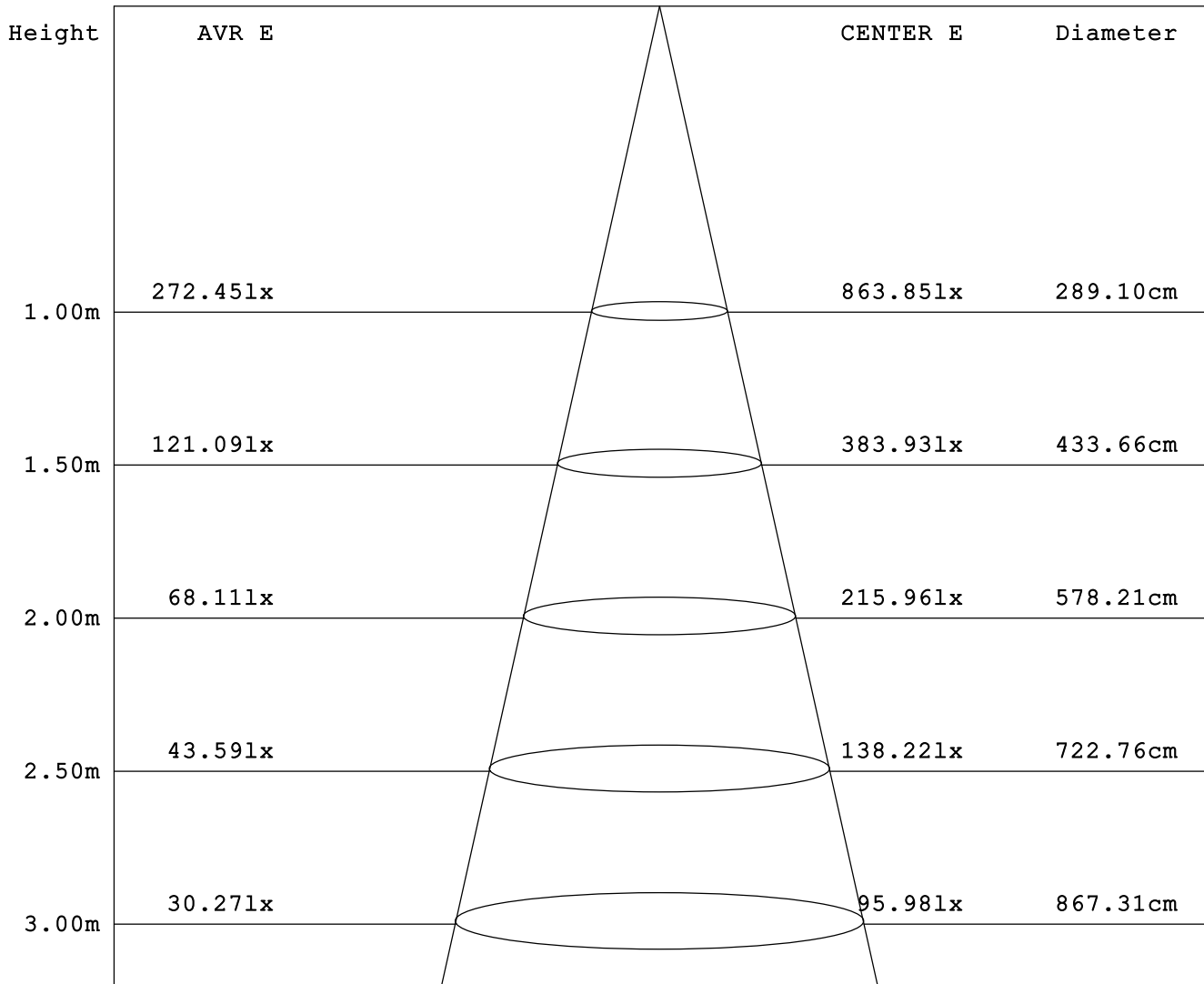
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2017.11.14

Test Set: 6.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks:

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	
SPECIFICATION:	DIMENSION:	SERIAL No.:



Angle:110.6deg

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2017.11.14

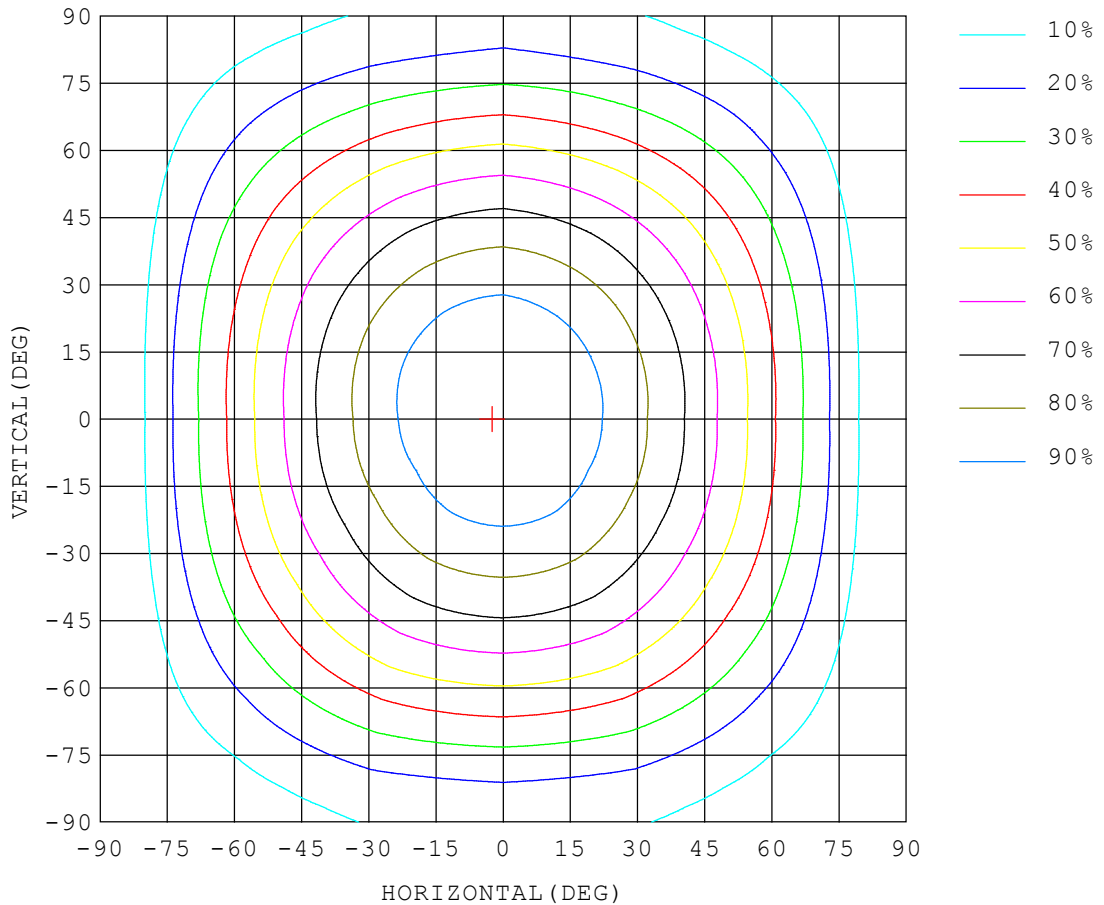
Test Set: 6.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	
SPECIFICATION:	DIMENSION:	SERIAL No.:

UNIT: cd



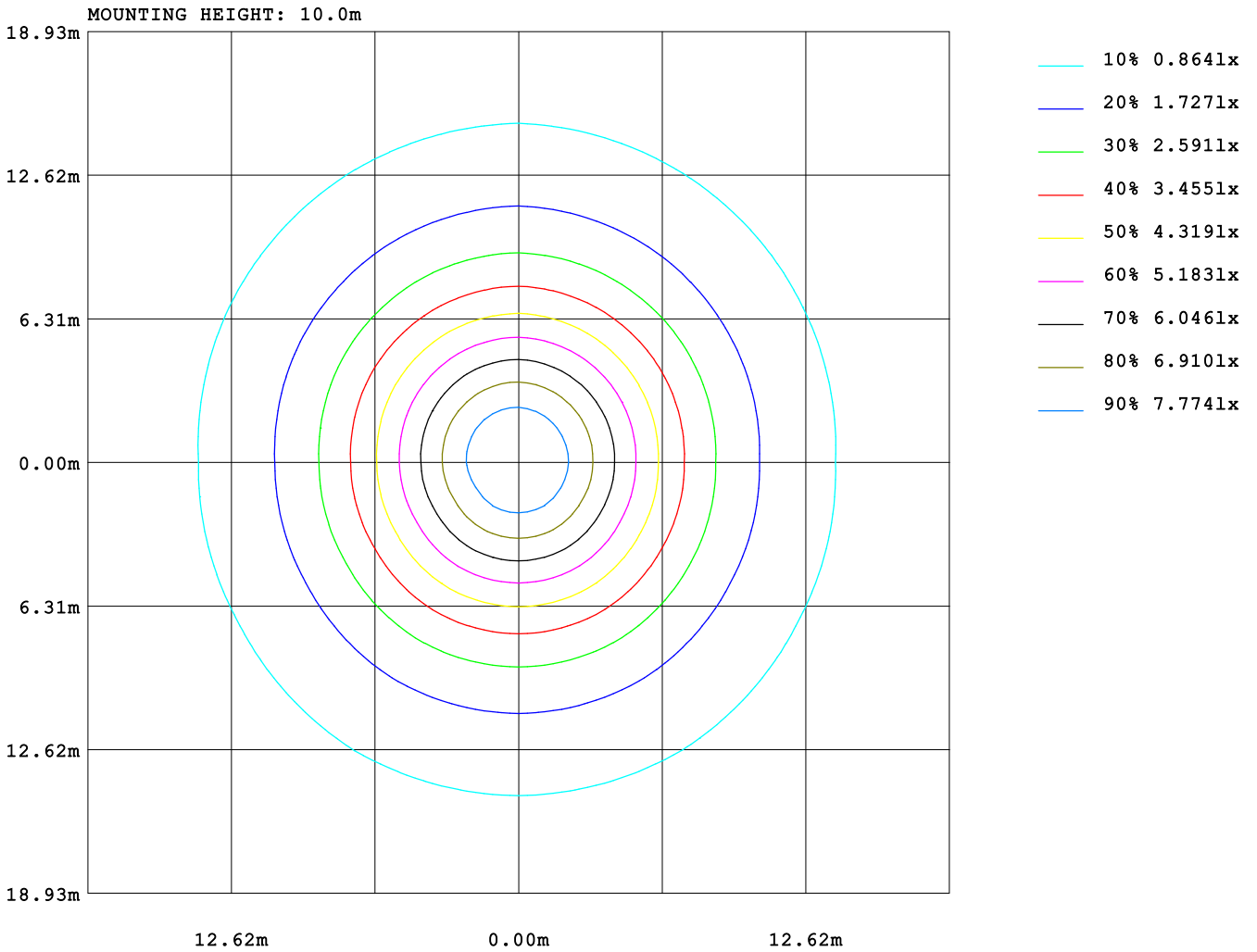
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2017.11.14

Test Set: 6.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2017.11.14

Test Set: 6.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: