Lunara 22

Description:

Designed for modern commercial spaces, this architectural troffer features a curved, diffused lens that delivers softer illumination with reduced glare, setting it apart from traditional flat-lens troffers. Its elegant design enhances visual comfort, making it ideal for offices, schools, and healthcare environments.

Offering high performance at 115 lumens per watt, this fixture is both wattage and CCT tunable, providing flexibility in output and color temperature to suit a variety of applications. DLC listed and RoHS compliant, it meets strict standards for energy efficiency and environmental safety. Easy to install and built for long-lasting performance, it's the perfect blend of style, function, and sustainability

Model: Lunara 22

Optical:

Lumen efficacy :	115LM/W
Luminous Flux:	5750LM
CRI:	≥80

Electrical:

Power Tunable:	40W
CCT Tunable Series:	3000K/3500K /4000K / 5000K CCT
Input voltage:	AC100-277V
Power factor:	>0.9
Beam Angle:	120°

Life:

Lifespan:	50000 hours@ L70 L80
Warranty:	2 Years

General:

Dimmable:	0-10V
Finish color Availability:	White
Material:	Plastic Frame + PC
Certification:	cETLus,CE,

MAXTAR
Lighting
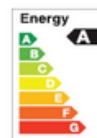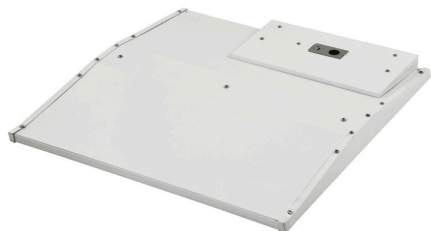
Lunara 22

Dimension:

Model	L×W×H
LU22	603x603x50 (mm)/23.74"x23.74"x1.97"
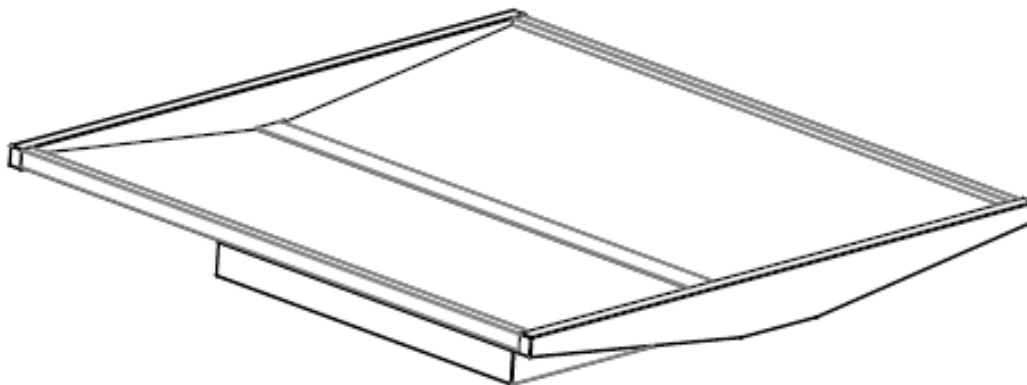
Specifications:

Model No.	Watts(W)	Input Voltage	Efficacy	CCT(K)	Size(inch)
LU22	50	AC100-277V : UNV	115LM/W	3000-3500-4000-5000	603x603x50 (mm) 23.74"x23.74"x1.97"

Lunara 22

ETL Listed Intertek 5004943 · DLC QPL LISTED · CE · Dimmable · **RoHS**

LUMINARE PHOTOMETRIC TEST REPORT

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

UNIT:cd
- C0/180,101.2deg
- C30/210,100.9deg
- C60/240,97.1deg
- C90/270,96.3deg

AVERAGE BEAM ANGLE(50%):98.8 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:1x)
MH (m)

12.0		2.00	
10.0		1.60	
8.00		1.00	
6.00		0.8000	
4.00		0.6000	

S (m)
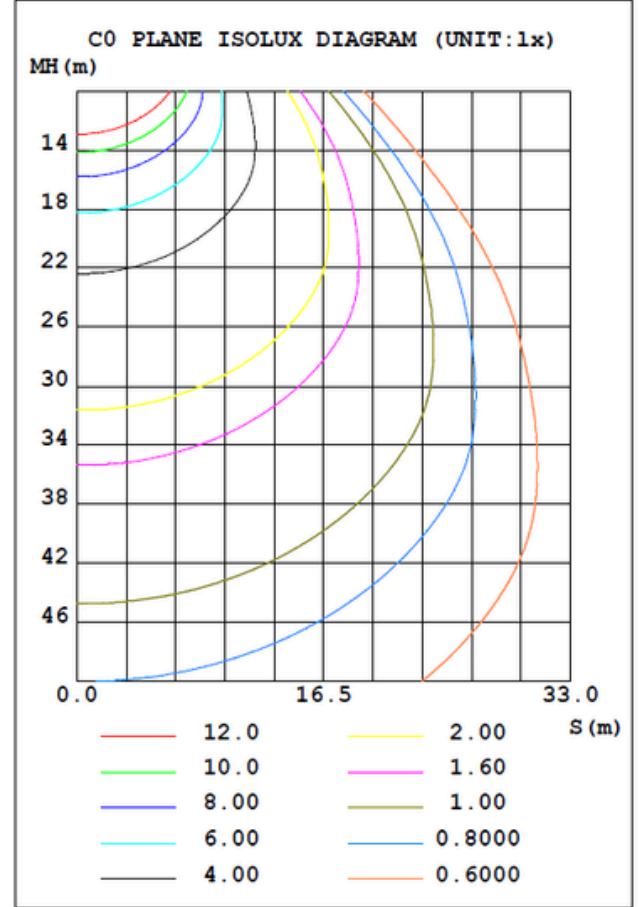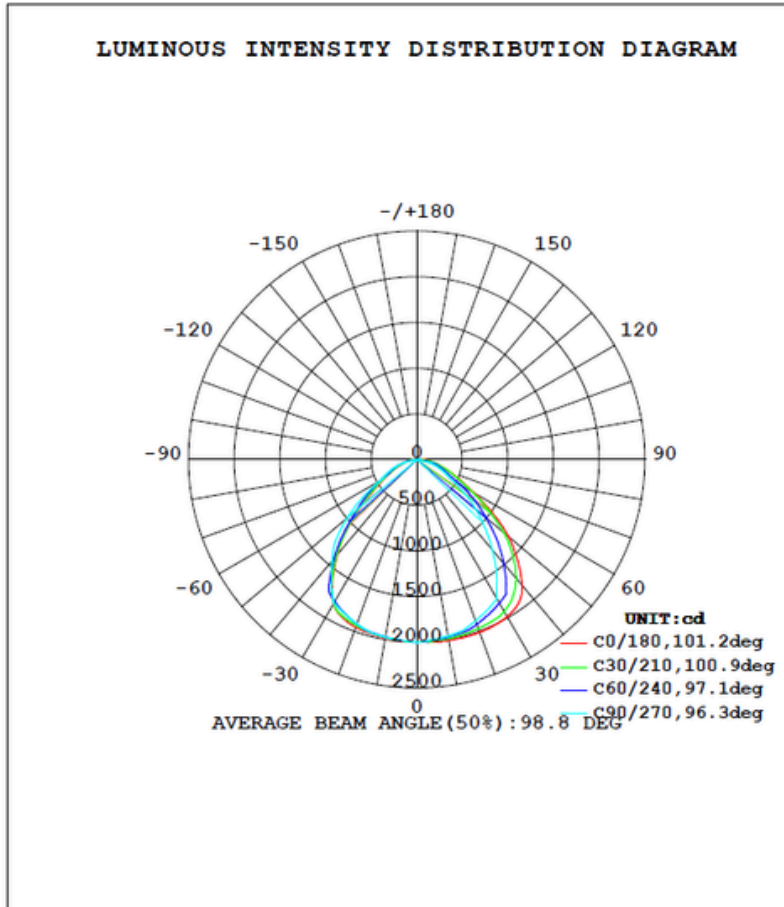
LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

LUMINAIRE BUDGETARY DIAGRAM

LAMPS

AREA(m2)

CONDITIONS			
FLUX	5000lm		
FACTOR	0.70		
Hdown	0.00m		
Hwork	0.00m		
Ework (AVE)	100lx		
ρ(%)	cc	w	fc
	70	50	30
	50	30	20
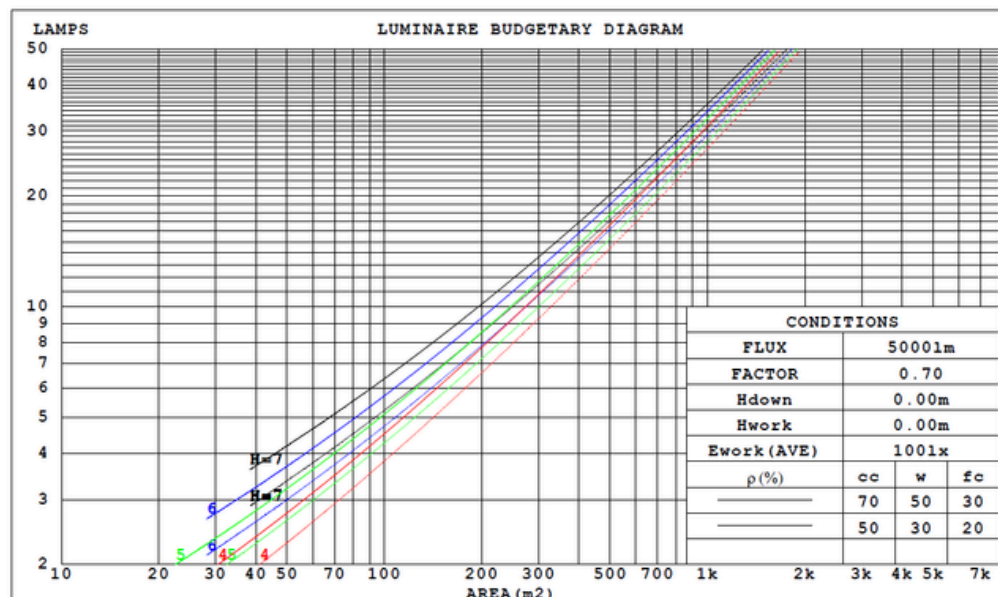
Lunara 22

ISOCANDELA DIAGRAM

10%	201.3
20%	402.5
30%	603.8
40%	805.1
50%	1006
60%	1208
70%	1409
80%	1610
90%	1811

Imax:2013(H14.0,V0.0)
(At:C=0.0,Gamma=16.0)
UNIT: cd

AAI Figure

Flux out:3431 lm

Height	Eavg,Emax		Diameter
3.281ft	82.25,185.9fc	7.276ft	
1m	885.3,20011x	221.78cm	
6.562ft	20.56,46.47fc	14.55ft	
2m	221.3,500.21x	443.56cm	
9.843ft	9.139,20.65fc	21.83ft	
3m	98.37,222.31x	665.34cm	
13.12ft	5.141,11.62fc	29.11ft	
4m	55.33,125.01x	887.12cm	
16.4ft	3.290,7.435fc	36.38ft	
5m	35.41,80.021x	1108.90cm	

Angle:95.91deg

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

Due to continuous improvements, the information herein may be changed without notice
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Lunara 22

ISOLUX DIAGRAM
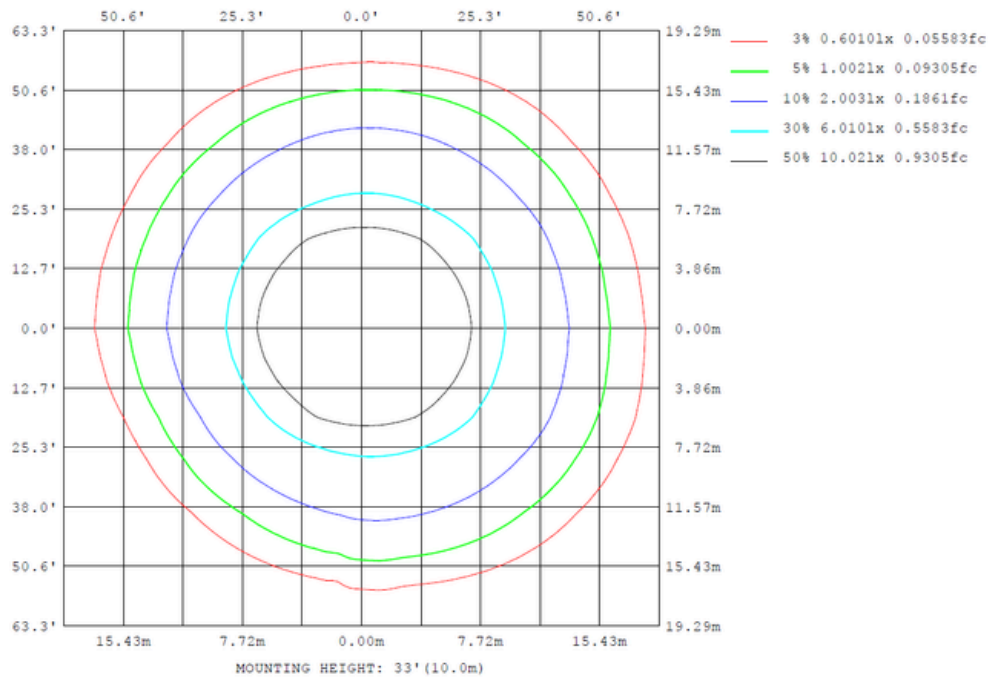
3%	0.60101x	0.05583fc
5%	1.0021x	0.09305fc
10%	2.0031x	0.1861fc
30%	6.0101x	0.5583fc
50%	10.021x	0.9305fc

MOUNTING HEIGHT: 33'(10.0m)

Planar Illuminance Curve

Planar Illuminance Curve

MH = 10 m

C0/180
C90/270

MAXTAR Lighting

Lunara 22

ETL LISTED Intertek 5004943 | DLC QPL LISTED | CE | Dimmable | RoHS

WATT Changing

WATT

24W | 30W | 36W
pre-set watt:36W

WATT CHANGING: 24W/30W /36W

CCT

3500K | 4000K | 5000K
pre-set CCT:5000K

CCT CHANGING: 3500K/4000K/5000K

WATT SWITCH AND CCT SWITH

Installation Manual

Step1

ON ON ON ON ON ON ON ON

OFF OFF OFF OFF OFF OFF OFF

OFF
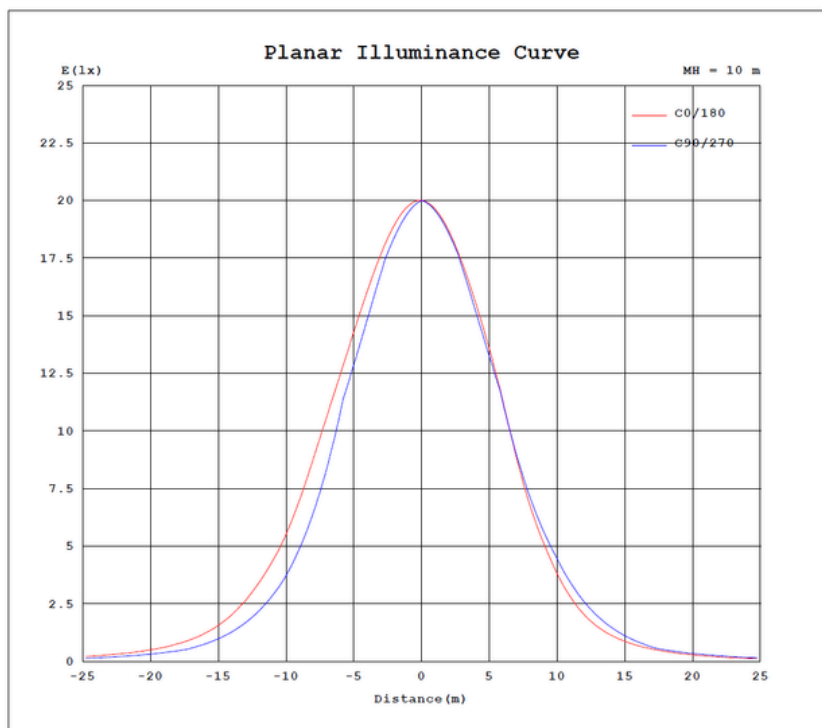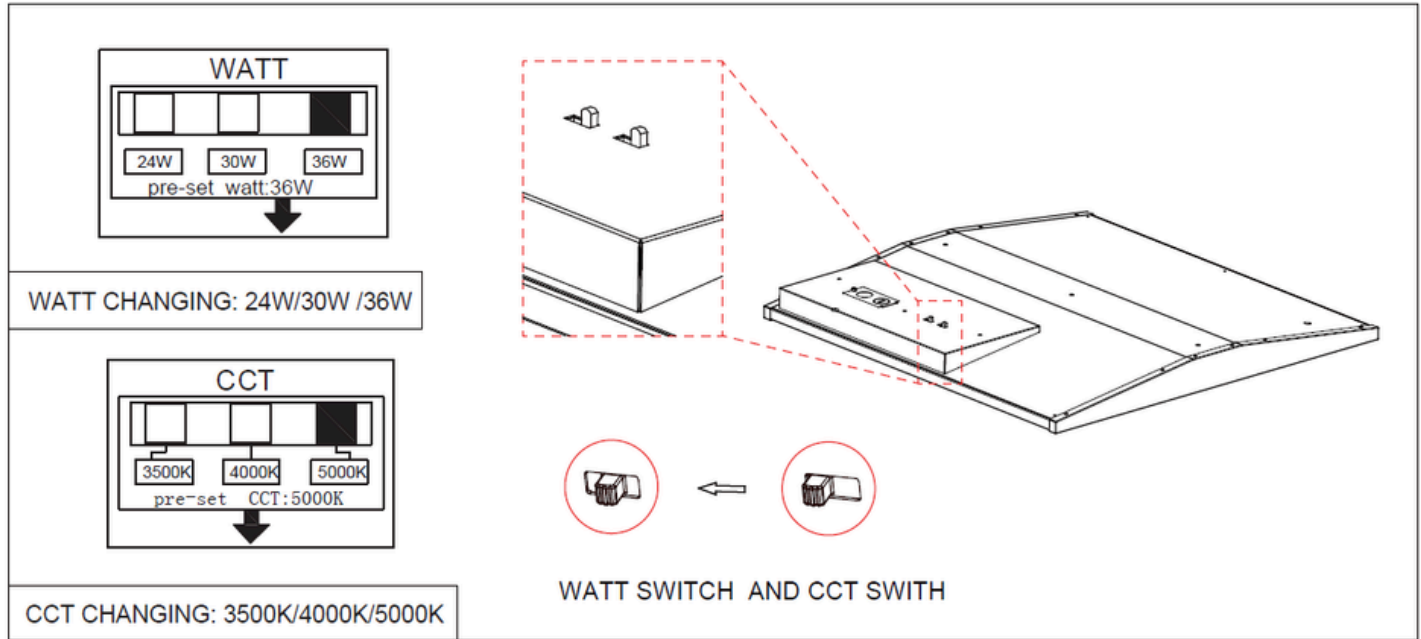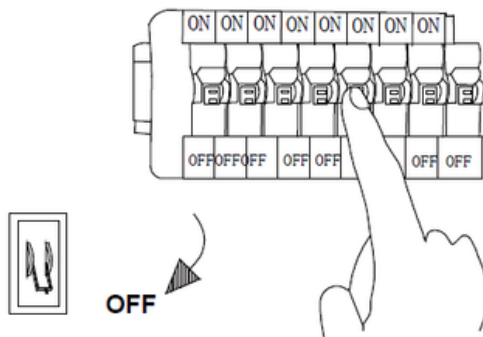
Turn off the switch

Step2

Remove the ceiling (s) at an appropriate location where the light fixture is to be installed.
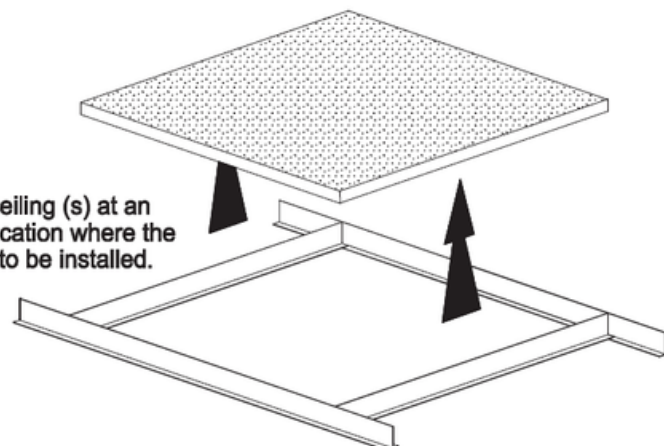
Lunara 22

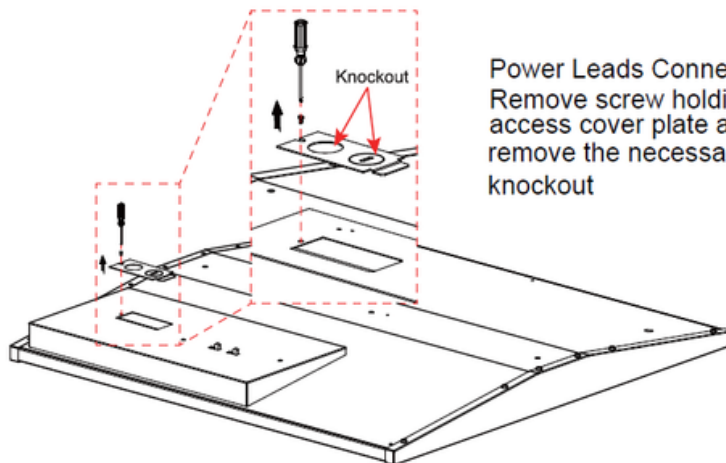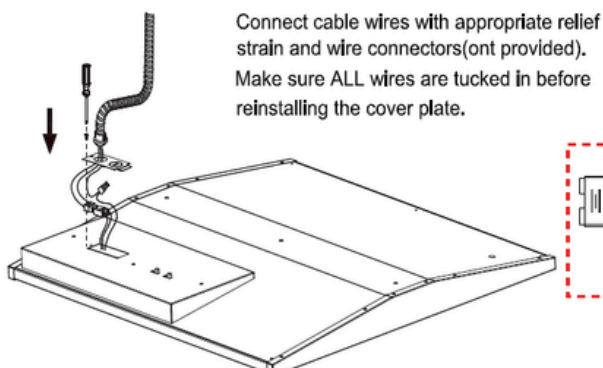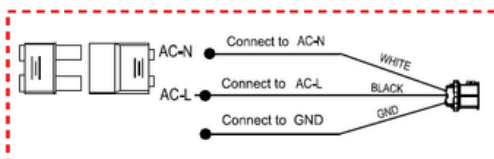## Installation Manual

Step3

Knockout

Power Leads Connection
Remove screw holding access cover plate and remove the necessary knockout

Step4 Turn off the power and wiring by using wire nuts.

Connect cable wires with appropriate relief strain and wire connectors(ont provided).
Make sure ALL wires are tucked in before reinstalling the cover plate.

Wiring Diagram

AC-N   Connect to AC-N   WHITE
AC-L   Connect to AC-L   BLACK
   Connect to GND   GND

Step5