

Project: 3 Star Citadine Hotel Apartments

Specification of light fixtures(Hotel Appartments)

Client : M/s HEELA SALIM SALEEM AL-MUKHAINI

Consultant : M/s Engineering Innovation Design & Consulting LLC

PROJECT: 3 STAR CITADINE HOTEL APARTMENTS AT GHUBRAH

Fitting Number: L1.201

Fitting Type : Recessed Down light

Location : BEDROOMS

Specification

Power : 12 W

Class : IP20

Colour Temp : 4000 °K

Fixture Lumens : 900 lm

Material : Aluminum

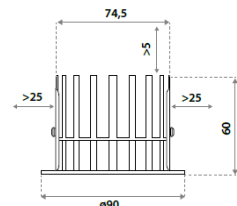
Finish : White

Mounting : Recessed, fixed

Product Image



Technical Drawing



Fitting Description

12W, LED lamp ceiling recessed, ,Glass reflector 40-60 degree wide beam optic down light with die cast Aluminum heat sink, metal back housing

Fitting Number: L1. 201D

Fitting Type : Recessed Down light

Location : Living Room

Specification

Power :16 W

Class :IP 20

Colour Temp :4000 °K

Fixture Lumens :1500 lm

Material :Aluminum

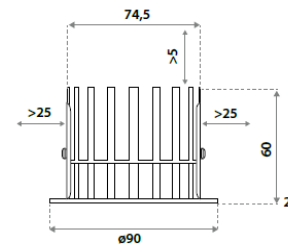
Finish : White

Mounting : Recessed, fixed

Product Image



Technical Drawing



Fitting Description

16W, LED lamp ceiling recessed, ,Glass reflector 40-60 degree wide beam optic down light with die cast Aluminum heat sink, metal back housing

Fitting Number: L1. 201C

Fitting Type : Recessed Down light

Location : Pantry

Specification

Power :13 W

Class :IP54

Colour Temp :4000 °K

Fixture Lumens :1000 lm

Material :Aluminum

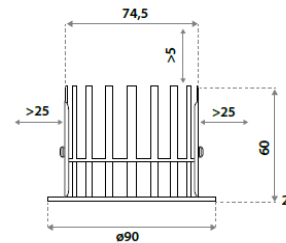
Finish : White

Mounting : Recessed, fixed

Product Image



Technical Drawing



Fitting Description

13W, LED lamp ceiling recessed, ,Glass reflector 40-60 degree wide beam optic down light with die cast Aluminum heat sink, metal back housing

Fitting Number: L1. 201B

Fitting Type : Recessed Down light

Location : Toilet

Specification

Power :8 W

Class :IP 54

Colour Temp :4000 °K

Fixture Lumens :600 lm

Material :Aluminum

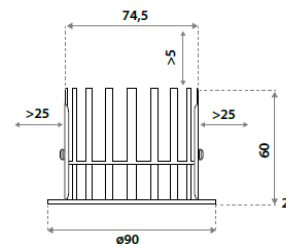
Finish : White

Mounting : Recessed, fixed

Product Image



Technical Drawing



Fitting Description

8W, LED lamp ceiling recessed, ,Glass reflector 40-60 degree wide beam optic down light with die cast Aluminum heat sink, metal back housing

Fitting Number: L1.204

Fitting Type : LED Vertical Strip Light

Location : Bed Room & Living Room

Specification

Power : 7 W/Meter (Each 5 meter Required Driver)

Class : IP 20

Colour Temp : 3000 °K

Fixture Lumens : 500 lm

Material : Aluminum

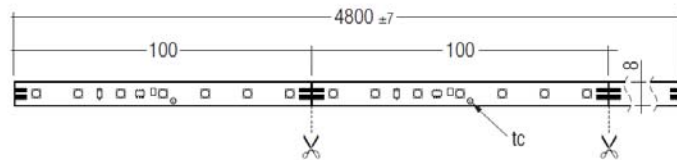
Finish: : N/A

Mounting : Surface Mounted (Size 25X10mm)

Product Image



Technical Drawing



Fitting Description

7w/meter, 500lm, 3000k, led linear strip light surface mounted on rigid aluminum profile with end-cap, spotless transparent diffusing screen c/w electronic control gear. Indoor Application, Driver Tridonoc or Equal each 5 Meter

Fitting Number: L1.101

Fitting Type : Pendant light

Location : Living Room

Specification

Power :30 W

Class :IP 20

Colour Temp :3000 °K

Fixture Lumens :1500 lm

Material :Aluminum

Finish: : Anthracite grey

Beam Angle :N/A

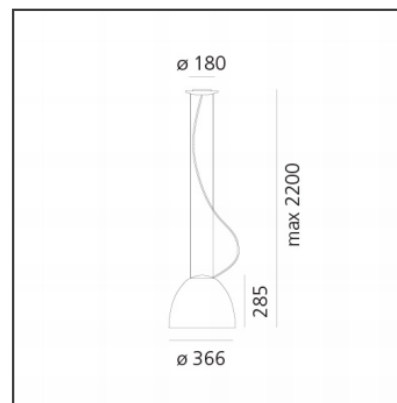
Mounting :Pendent

Make& model : Artemide Model- Nur mini LED

Product Image



Technical Drawing



Fitting Description

30 LED lamp pendent suspension light fixture with Aluminum methacrylate, glass

PROJECT: 3 STAR CITADINE HOTEL APARTMENTS AT GHUBRAH

Fitting Number: L1.103

Fitting Type : Bed Wall Light

Location : Bed Room

Specification

Power :6

Class :IP 20

Colour Temp :4000 °K

Fixture Lumens :470 lm

Material : Metal frame

Finish: :white

Beam Angle :N/A

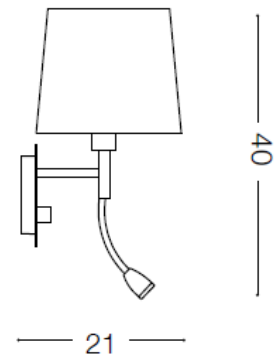
Mounting :Wall mountable

Make& model : Ideal Lux Model- HOLIDAY AP2

Product Image



Technical Drawing



Fitting Description

6 LED E14 lamp+1W LED lamp Wall mountable light fixture Metal frame with matt varnish base

PROJECT: 3 STAR CITADINE HOTEL APARTMENTS AT GHUBRAH

Fitting Number: LD.101

Fitting Type : Table Lamp Fixture

Location : Bed Room-Study Area

Specification

Power :12

Class :IP 20

Colour Temp :3000 °K

Fixture Lumens :900 lm

Material :Aluminum

Finish: :White

Beam Angle :N/A

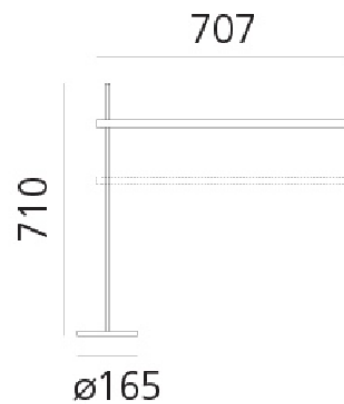
Mounting :Table mountable

Make& model : Artemide Model- Talak Professional Table

Product Image



Technical Drawing



Fitting Description

12 LED lamp Table mountable light fixture with Steel Aluminum body

PROJECT: 3 STAR CITADINE HOTEL APARTMENTS AT GHUBRAH

Fitting Number: LD.102

Fitting Type : Floor Lamp Fixture

Location : Bed Room-Study Area

Specification

Power :60W

Class :IP 20

Colour Temp :4000 °K

Fixture Lumens :N/A

Material :Aluminum

Finish: : Natural wood

Beam Angle :N/A

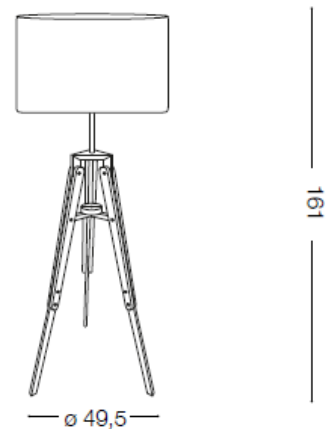
Mounting :Floor mountable

Make& model : Ideal Lux Model- KLIMT PT1

Product Image



Technical Drawing



Fitting Description

E27 60W lamp Floor mountable light fixture with Natural wood tripod. PVC foil shade covered with fabric, chrome metal support.

PROJECT: 3 STAR CITADINE HOTEL APARTMENTS AT GHUBRAH

General requirements:

LED:

- ✓ The LEDs shall be of latest generation, replaceable type, High Output with rated life: 50000Hrs L80 , SDCM<3 +/-50K ,RoHS Compliant, LED's should be in compliance with IEC /EN 62471: 2008 Classification Group: "EXEMPT".
- ✓ LEDs shall be from an international reputed manufacturer, with a minimum of 80lm/w , with a CRI of more than 80.The modules shall be complying to all IEC/European regulations and shall be having an ENEC certification.

LED drivers:

- ✓ The LED drivers shall be from a reputed international brand, with 220- 240V and 50 -60hz power input, It shall also be suitable for a DC operation from 176 to 264v.The drivers shall be complying to all relevant IEC/EN regulations and shall have ENEC certification. The drivers also shall have protection against overheating, short circuits, mains voltage spikes and over loads. The operating temperature shall be -25 to +50 degree Celsius. The driver shall have a life time of minimum 50000hrs
- ✓ Driver proposed for the external lighting shall be suitable for higher ambient temperature operation , minimum IP65 rated and control gear shall be place in a secure weather protected junction box suit to the site condition.

Manufacturer:

- ✓ Manufacturer proposed shall have sufficient proven experience of minimum 5 - 7 years in Oman.

Site Sample:

- ✓ Vendor shall arrange to provide minimum of 1 No sample of the proposed light fixture for the client /Consultant approval as part of the tender participation at free of cost.

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Others:

The proposed scope of work comprises of supply and site delivery of the complete light fixtures with all accessories, Lamps etc., complete and functional for the above mentioned site located at Sohar.

Tender document shall contain all the relevant technical documents as mentioned below:

- ✓ Compliance to technical Specifications duly stamped and signed by the concern engineer.
- ✓ BOQ with Type of fixtures ,manufacturer name, model No, Country of Origin with a clear images of each fixtures in A3 sized tabular excel format.
- ✓ Technical catalogue in colour .
- ✓ Warranty letter.
- ✓ Country of Origin certificate.
- ✓ Delivery period.
- ✓ Letter Stating Assurance of spare parts availability and aftersales service support for minimum of 15years.

Note: Missing of any of the above document or inferior quality submission may disqualify the vendor.

Warranty: Minimum of 7- year's replacement warranty

**** Note:** Additional warranty provided will be considered as extra points during technical evaluation