# UFOR-30021
## Forrey 21 Wall Mount No Lens
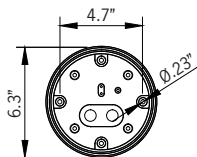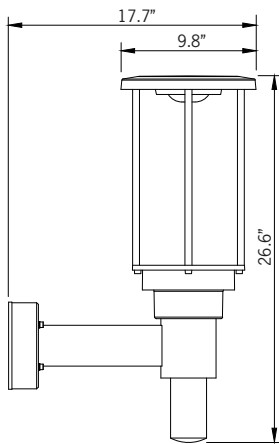
**LIGMAN LIGHTING USA**

**48w COB  4780  Lumens**
**IP65 • Suitable For Wet Locations**
**IK08 • Impact Resistant (Vandal Resistant)**
**Weight 16.3 lbs**

17.7"
9.8"
26.6"

4.7"
6.3"
Ø.23"

**Mounting Detail**

## Construction

**Aluminum**
Less than 0.1% copper content – Marine Grade 6060 extruded & LM6 Aluminum High Pressure die casting provides excellent mechanical strength , clean detailed product lines and excellent heat dissipation.

**Pre paint**
8 step degrease and phosphate process that includes deoxidizing and etching as well as a zinc and nickel phosphate process before product painting.

**Memory Retentive -Silicon Gasket**
Provided with special injection molded "fit for purpose" long life high temperature memory retentive silicon gaskets. Maintains the gaskets exact profile and seal over years of use and compression.

**Thermal management**
LM6 Aluminum is used for its excellent mechanical strength and thermal dissipation properties in low and high ambient temperatures. The superior thermal heat sink design by Ligman used in conjunction with the driver, controls thermals below critical temperature range to ensure maximum luminous flux output, as well as providing long LED service life and ensuring less than 10% lumen depreciation at 50,000 hours.

**Surge Suppression**
Standard 10kv surge suppressor provided with all fixtures.

**BUG Rating**
B2 - U2 - G1 [T3, T5]
B2 - U2 - G2 [T2, T4]

**Finishing**
All Ligman products go through an extensive finishing process that includes fettling to improve paint adherence.

**Paint**
UV Stabilized 4.9Mil thick powder coat paint and baked at 200 Deg C. This process ensures that Ligman products can withstand harsh environments. Rated for use in natatoriums.

**Inspired by Nature Finishes**
The Inspired by nature Finishing is a unique system of decorative powder coating. Our metal decoration process can easily transform the appearance of metal or aluminum product into a wood grain finish.

This patented technology enables the simulation of wood grain, and even marble or granite finish through the use of decorative powder coating.

The wood grain finish is so realistic that it's almost undistinguishable from real wood, even from a close visual inspection. The system of coating permeates the entire thickness of the coat and as a result, the coating cannot be removed by normal rubbing, chipping, or scratching.

**The Coating Process**
After pre-treatment the prepared parts are powder coated with a specially formulated polyurethane powder. This powder provides protection against wear, abrasion, impact and corrosion and acts as the relief base color for the finalized metal decoration.

The component is then wrapped with a sheet of non-porous film with the selected decoration pattern printed on it using special high temperature inks.

This printed film transfer is vacuum-sealed to the surface for a complete thermo print and then transferred into a customized oven. The oven transforms the ink into different forms within the paint layer before it becomes solid. Finally, the film is removed, and a vivid timber look on aluminum remains.

Wood grain coating can create beautiful wood-looking products of any sort.  There are over 300 combinations of designs currently in use.  Wood grains can be made with different colors, designs, etc.

Our powder coatings are certified for indoor and outdoor applications and are backed by a comprehensive warranty. These coatings rise to the highest conceivable standard of performance excellence and design innovation.

Added Benefits
• Resistance to salt-acid room, accelerated aging
• Boiling water, lime and condensed water resistant
• Anti-Graffiti, Anti-Slip, Anti-Microbial, Anti-Scratch
• Super durable (UV restant)
• TGIC free (non-toxic)

**Hardware**
Provided Hardware is Marine grade 316 Stainless steel.

**Anti Seize Screw Holes**
Tapped holes are infused with a special anti seize compound designed to prevent seizure of threaded connections, due to electrolysis from heat, corrosive atmospheres and moisture.

**Optics & LED**
Precise optic design provides exceptional light control and precise distribution of light.
LED CRI > 80

**Lumen - Maintenance Life**
L80 /B10 at 50,000 hours (This means that at least 90% of the LED still achieve 80% of their original flux)

**High efficiency meets the classic for factor. Complete range of decorative lighting solutions, offering multiple beam distributions and superior efficacies.**

A decorative range of wall mount luminaires designed to complement the Forrey pendant, bollard and post top with options of having no lens or a high impact UV stabilized opal lens. This decorative lantern provides a symmetrical light distribution using high output COB LED. Designed for lighting entrances, retail outlets, malls and showrooms.

Color temperature 2700K, 3000K, 3500K and 4000K, LED CRI >80 and life time 50,000 Hours. High pressure die-cast marine grade LM6 aluminum body that is pre-treated with a nickel and zinc phosphate and then powder coated with a 4.9mil thick paint finish ensuring high corrosion resistance. Marine grade 316 stainless steel fasteners.

**For Opal Lens, see UFOR-30031**

# UFOR-30021

## Forrey 21 Wall Mount No Lens

**LIGMAN LIGHTING USA**

| PROJECT | | DATE | |
|---|---|---|---|

| QUANTITY | | TYPE | | NOTE | |
|---|---|---|---|---|---|

## ORDERING EXAMPLE || UFOR - 30021 - 48w - T2 - W30 - 02 - 120/277v - Options

**UFOR-30021**

### LAMP
48w COB
4780 Lumens

### BEAM
T2 - Type II Distribution
T3 - Type III Distribution
T4 - Type IV Distribution
T5 - Type V Distribution

### LED COLOR
W27 - 2700K
W30 - 3000K
W35 - 3500K
W40 - 4000K

### FINISH COLOR
01 - BLACK RAL 9011
02 - DARK GREY RAL 7043
03 - WHITE RAL 9003
04 - METALLIC SILVER RAL 9006
05 - MATTE SILVER RAL 9006
06 - LIGMAN BRONZE
07 - CUSTOM RAL

### VOLTAGE
120/277v
Other - Specify

**INSPIRED BY NATURE FINISHES**

SW01 - OAK FINISH
SW02 - WALNUT FINISH
SW03- PINE FINISH
DF - DOUGLAS FIR FINISH
CW - CHERRY WOOD FINISH
NW - NATIONAL WALNUT FINISH
SU01 - CONCRETE FINISH
SU02 - SOFTSCAPE FINISH
SU03 - STONE FINISH
SU04 - CORTEN FINISH

THERE IS AN ADDITIONAL
COST FOR THESE FINISHES

## ADDITIONAL OPTIONS

DIM - 0-10v Dimming
NAT - Natatorium Rated
C - Clear Lens

## More Custom Finishes Available Upon Request
Consult factory for pricing and lead times

Oak

Cherry

Beech

Carbon

Walnut

Chestnut

Bamboo

Galvanized

Pine

Mahogany

Birch

Steel



Example: Inspired by Nature Finish

# Forrey Product Family

### Forrey 1 Ø6.3
- UFOR-10001-48w COB-4755lm-32.4"
- UFOR-10011-48w COB-4755lm-42.8"
- UFOR-10021-50w LED-4340lm-32.4"
- UFOR-10031-50w LED-4340lm-42.8"

### Forrey 2 Ø6.3"
- UFOR-10002-48w COB-3527lm-32.4"
- UFOR-10012-48w COB-3527lm-42.8"
- UFOR-10022-50w LED-3361lm-32.4"
- UFOR-10032-50w LED-3361lm-42.8"

### Forrey 3 Ø7.3"
- UFOR-10081-51w COB-4755lm-34.3"
- UFOR-10091-48w COB-4755lm-46.3"
- UFOR-10101-50w LED-4340lm-34.3"
- UFOR-10111-50w LED-4340lm-46.3"

### Forrey 4 Ø7.3"
- UFOR-10082-48w COB-3527lm-34.3"
- UFOR-10092-48w COB-3527lm-34.3"
- UFOR-10102-50w LED-3361lm-34.3"
- UFOR-10112-50w LED-3361lm-34.3"

### Forrey 5 Ø6.3
- UFOR-10041-48w COB-4780lm-32.4"
- UFOR-10051-48w COB-4780lm-42.8"
- UFOR-10061-50w LED-4556lm-32.4"
- UFOR-10071-50w LED-4556lm-42.8"

### Forrey 6 Ø6.3
- UFOR-10042-48w COB-3711lm-42.8"
- UFOR-10062-50w LED-3526lm-42.8"
- UFOR-10052-48w COB-3711lm-42.8"
- UFOR-10072-50w LED-3526lm-42.8"

### Forrey 8 Ø7.3"
- UFOR-10122-48w COB-3711lm-46.3"
- UFOR-10132-48w COB-3711lm-46.3"
- UFOR-10142-50w LED-3526lm-34.3"
- UFOR-10152-50w LED-3526lm-46.3"

### Forrey 9 Ø26"
- UFOR-20001-48w COB-4813m
- UFOR-20011-50w LED-4197lm

### Forrey 10 Ø26"
- UFOR-20002-48w COB-3749m
- UFOR-20012-50w LED-3275lm

### Forrey 11 Ø34.6"
- UFOR-20041-70w COB-7522lm
- UFOR-20051-60w LED-4553lm

### Forrey 12 Ø34.6"
- UFOR-20042-70w COB-6603lm
- UFOR-20052-60w LED-4053lm

### Forrey 13 Ø12.5"
- UFOR-20021-48w COB-4780lm
- UFOR-20031-50w LED-4556lm

### Forrey 14 Ø9.8"
- UFOR-20022-48w COB-3711m
- UFOR-20032-50w LED-3526lm

### Forrey 15 Ø12.5"
- UFOR-20061-70w COB-8415lm
- UFOR-20071-60w LED-4553lm

### Forrey 16 Ø12.5"
- UFOR-20061-70w COB-8415lm
- UFOR-20071-60w LED-4553lm

### Forrey 17 Ø26"
- UFOR-30001-48w COB-4813lm
- UFOR-30011-50w LED-4197lm

### Forrey 18 Ø26"
- UFOR-30002-48w COB-3749lm
- UFOR-30012-50w LED-3275lm

### Forrey 19 Ø34.6"
- UFOR-30041-70w COB-7522lm
- UFOR-30051-60w LED-4553lm

### Forrey 20 Ø34.6"
- UFOR-30042-70w COB-6603lm
- UFOR-30052-60w LED-4053lm

### Forrey 21 Ø9.8"
- UFOR-30021-48w COB-4780lm
- UFOR-30031-50w LED-4556lm

**Forrey 22 Ø6.3**

• UFOR-30022-48w COB-3711lm
• UFOR-30032-50w LED-3526lm



**Forrey 23 Ø12.5"**

• UFOR-30061-70w COB-8415lm
• UFOR-30071-60w LED-4553lm



**Forrey 24 Ø12.5"**

• UFOR-30062-70w COB-6603lm
• UFOR-30072-60w LED-4053lm



**Forrey 25 Ø26"**

• UFOR-95001-48w COB-4813lm
• UFOR-95011-50w LED-4197lm



**Forrey 26 Ø6.3**

• UFOR-95002-48w COB-3749lm
• UFOR-95012-50w LED-3275lm



**Forrey 27 Ø34.6"**

• UFOR-95041-70w COB-7522lm
• UFOR-95051-60w LED-4553lm



**Forrey 28 Ø34.6"**

• UFOR-95042-70w COB-6603lm
• UFOR-95052-60w LED-4053lm



**Forrey 29 Ø9.8"/8.8"**

• UFOR-95021-48w COB-4780lm
• UFOR-95031-50w LED-4556lm



**Forrey 30 Ø9.8"/8.8"**

• UFOR-95022-48w COB-3711m
• UFOR-95032-50w LED-3526lm



**Forrey 31 Ø12.5"/10.5"**

• UFOR-95061-70w COB-8415m
• UFOR-95071-60w LED-4553lm



**Forrey 32 Ø12.5"/10.5"**

• UFOR-95062-70w COB-6603m
• UFOR-95072-60w LED-4053lm



**Forrey 33 Ø20"**

• UFOR-30081-50w LED-4813lm



**Forrey 34 Ø20"**

• UFOR-30082-50w LED-3749lm



**Forrey 35 Ø20"**

• UFOR-30091-48w LED-4197lm



**Forrey 36 Ø20"**

• UFOR-30092-48w LED-3275lm