UFOR-20012

Forrey 10 Post Top Opal Lens

LIGMAN NORTH AMERICA

50w LED
3275 Lumens

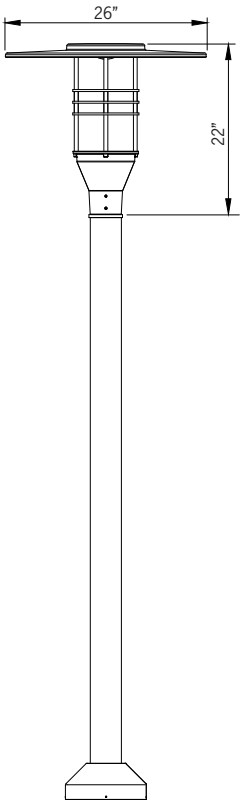
IP65
Suitable for wet locations

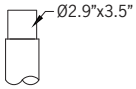
IK08
Impact Resistant [Vandal Resistant]

EPA - 1.86

Weight - 50 lbs

POLE NOT INCLUDED





Tenon 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
Contact Factory

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 post top luminaires, designed to complement the Forrey pendant, bollard and wall mount 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.

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.

Durable memory retentive silicone rubber gasket and clear high impact naturally UV stabilized acrylic lens. Anodized high purity aluminum reflector. This luminaire is provided prewired with power cord to the handhole to simplify installation.

For No Lens or Clear Lens, see UFOR-20002

Additional Options (Consult Factory For Pricing)

HSS
House Side Shield

PHSS
Perforated House Side Shield

Ligman Lighting USA reserves the right to change specifications without prior notice, please contact factory for latest information. Due to the continual improvements in LED technology data and components may change without notice.

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LIGMAN NORTH AMERICA

PROJECT		DATE	
QUANTITY		TYPE		NOTE	

ORDERING EXAMPLE || UFOR - 20012 - 50w - W30 - 02 - 120/277v - Options

UFOR-20012	LAMP	LED COLOR	FINISH COLOR	VOLTAGE
	50w LED 3275 Lumens	W27 - 2700K W30 - 3000K W35 - 3500K W40 - 4000K	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	120/277v Other - Specify

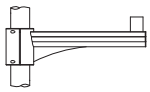
INSPIRED BY NATURE FINISHES

- 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

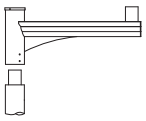
THERE IS AN ADDITIONAL COST FOR THESE FINISHES

ADDITIONAL OPTIONS

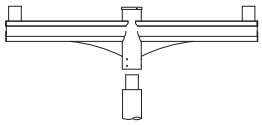
DIM - 0-10v Dimming
NAT - Natatorium Rated
HSS - House Side Shield
PHSS - Perforated House Side Shield
C - Clear Lens



A20176
Aluminum Arm Pole Clamp



A20276
Aluminum Single Arm



A20376
Aluminum Double Arm

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

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Forrey Product Family

Forrey 1 Ø6.3

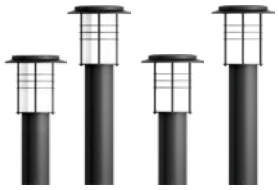
- UFOR-10001-48w COB-4755lm-32.4"
- UFOR-10011-48w COB-4755lm-42.8"
- UFOR-10021-50w LED-4340lm-32.4"
- UFOR-10031-50w LED-4340lm-42.8"

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"

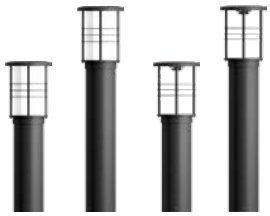


Forrey 4 Ø7.3"

- 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"

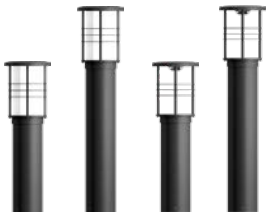
Forrey 5 Ø6.3

- 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