UVA-20231

Vancouver 49 Light Column

DOWNLIGHT
39w COB
2781 Lumens

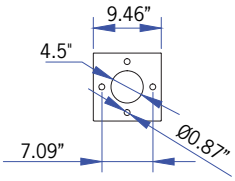
FLOODLIGHT
21w COB
1673 Lumens

134˚ Optic

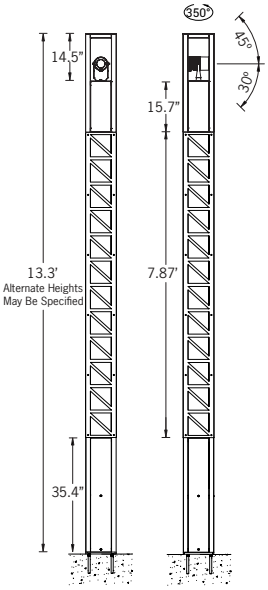
IP65
Suitable for wet locations

IK08
Impact Resistant [Vandal Resistant]

Weight 115.5 lbs



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
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˚ 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 resistant)
- 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.

Crystal Clear Low Iron Glass Lens
Provided with tempered, impact resistant crystal clear low iron glass ensuring no green glass tinge.

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)

Total urban realm lighting solution.
Optional heights, accent spotlights, accessories and decorative lattice panels.

A stylish Dark Sky Compliant square high performance light column with downward light distribution using LED lamps. This light column offers optimal visual comfort through glare control by utilizing a controlled optics designed by Ligman. These columns have a square design providing a unique wide light distribution, offering an architecturally appealing clover leaf pattern on the paving. The internal sides of the supporting pillars are accented by light from the LED.

Color temperature 2700K, 3000K, 3500K and 4000K. The minimalistic shape provides distinctive lighting effects by night and decorative urban effect during the day. Suitable for pedestrian areas, precincts, building surrounds, shopping centers, squares and parks. The Vancouver Column comes standard with a unique waterproof internal driver housing compartment that is situated at the top of the pole to stop water and dust from entering the electrical components.

This fixture is supplied completely wired with powercord and waterproof gland from the driver enclosure to the base of the column to ensure quick trouble-free installation.
The Vancouver has a specially designed anchor bolt mounting base that is partially buried below ground level to provide a flush fixture finish with the surface, but maintains the rigidity that is required when installing light columns. This ensures that the anchor bolts are not seen and therefore eliminates the necessity for an anchor bolt cover. (review installation instructions before installing the anchor bolts.)

Custom column heights are available, please specify.
Provided with anchor bolts (the root mount kit is an option and is an adder)

Reduced custom wattages can be provided to suit customer requirements. (Specify total watt requirement per fixture)
Designed to complement the Vancouver bollard UVA-10001. This product is provided complete with anchor bolts and laser cut steel bolt template.

Additional Options (Consult Factory For Pricing)

A90991
Zhaga Book 18

A90891
NEMA 7

A91791
Power Plug

A91291
Speaker

A91091
WiFi

A91691-L2
Motion Sensor
(Up to 10ft)

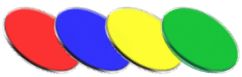
A91691-L7
Motion Sensor
(Up to 40ft)

A91191
Camera

A91491
Electric Vehicle Charger

A91991
EO Hub

A91391
Intercom



Dichroic Color Filters

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.

UVA-20231

Vancouver 49 Light Column

LIGMAN LIGHTING USA

PROJECT		DATE	

QUANTITY		TYPE		NOTE	

ORDERING EXAMPLE || UVA - 20231 - 39w - M - W30 - 02 - 120/277v - Options

UVA-20231					
	LAMP	FLOODLIGHT BEAM	LED COLOR	FINISH COLOR	VOLTAGE

LAMP

DOWNLIGHT
39w COB
2781 Lumens

FLOODLIGHT
21w COB
1673 Lumens

FLOODLIGHT BEAM

M - Medium 23˚
W - Wide 32˚
VW - Very Wide 47˚

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
GFCI - GFCI Box
HGT - Custom Height (Specify)
A90991-U - Zhaga Book 18 Mounted On Top of Fixture
A90991-D - Zhaga Book 18 Mounted Below Fixture
A91191 - Camera
A91491 - Electric Vehicle Charger
A91991 - EO Hub
A91391 - Intercom
UP - Uplight

A90891 - NEMA 7
A91791 - Square Power Plug
A91291 - Speaker
A91091 - WiFi
A91691-L2 - Motion Sensor (Up to 10ft)
A91691-L7 - Motion Sensor (Up to 40ft)

DICHROIC COLOR FILTERS

A20216 - Red Color Filter
A20217 - Blue Color Filter
A20218 - Amber Color Filter
A20219 - Green Color Filter

Example: Two-Tone Inspired by Nature Finish

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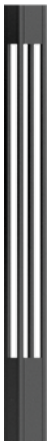
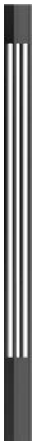
Intertek

Vancouver Product Family



Vancouver 1

- UVA-20001-40w-2969lm [9.4"x9.4"-14.7']



Vancouver 2

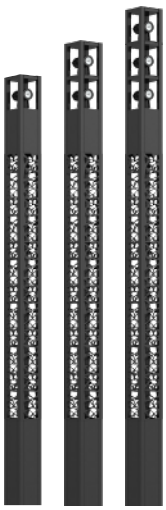
- UVA-20011-20w-1414lm [6.3"x6.3"-9.8']

Vancouver 3

- UVA-10001-21w-1270lm [9.4"x9.4"-39.3"]

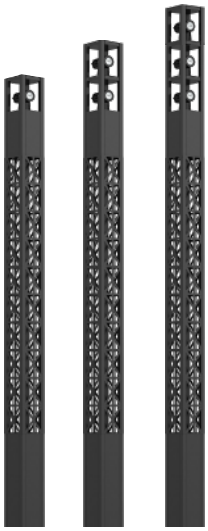
Vancouver 4

- UVA-10011-15w-837lm [6.3"x6.3"-39.3"]



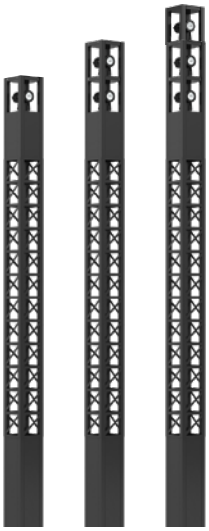
Vancouver 5

- UVA-20021-39/21w-1336/1673lm [9.4"x9.4"-13.3']
- UVA-20022-39/2x21w-1336/2x1673lm [9.4"x9.4"-14.5']
- UVA-20023-39/3x21w-1336/3x1673lm [9.4"x9.4"-15.7']



Vancouver 6

- UVA-20031-39/21w-1167/1673lm [9.4"x9.4"-13.3']
- UVA-20032-39/2x21w-1167/2x1673lm [9.4"x9.4"-14.5']
- UVA-20033-39/3x21w-1167/3x1673lm [9.4"x9.4"-15.7']



Vancouver 7

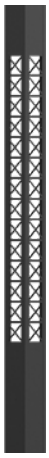
- UVA-20041-39/21w-1670/1673lm [9.4"x9.4"-13.3']
- UVA-20042-39/2x21w-1670/2x1673lm [9.4"x9.4"-14.5']
- UVA-20043-39/3x21w-1670/3x1673lm [9.4"x9.4"-15.7']

Vancouver 8

- UVA-20051-40w-1336lm [9.4"x9.4"-12.1']

Vancouver 9

- UVA-20061-40w-1167lm [9.4"x9.4"-12.1']



Vancouver 10

- UVA-20071-40w-1670lm [9.4"x9.4"-12.1']

Vancouver 11

- UVA-10021-21w-570lm [9.4"x9.4"-39.3']

Vancouver 12

- UVA-10031-21w-490lm [9.4"x9.4"-39.3']

Vancouver 13

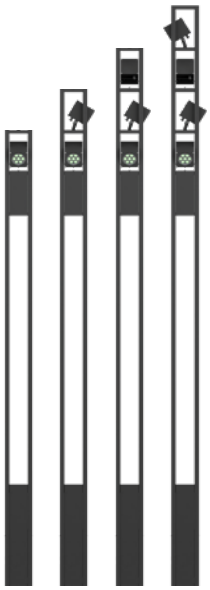
- UVA-10041-21w-704lm [9.4"x9.4"-39.3']

Vancouver 14

- UVA-70001-8w-331lm [6.3"x6.3"-15.7"]

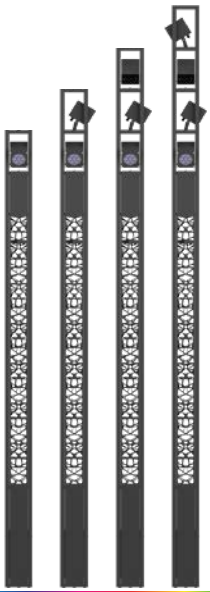
Vancouver 15

- UVA-70011-21w-815lm [9.4"x9.4"-15.7"]



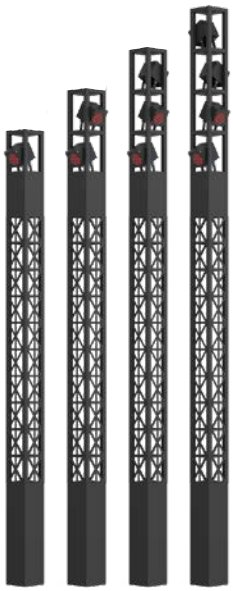
Vancouver 16

- UVA-20111-33w-1429lm [9.4"x9.4"-13.3']
- UVA-20112-66w-4287lm [9.4"x9.4"-14.5']
- UVA-20113-99w-5716lm [9.4"x9.4"-15.7']
- UVA-20114-132w-7145lm [9.4"x9.4"-17']



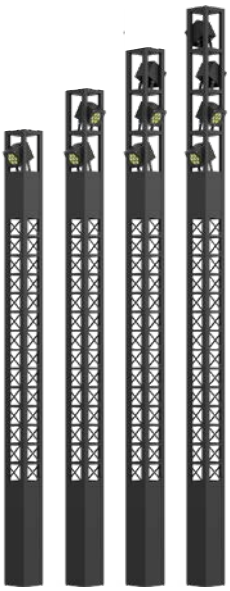
Vancouver 17

- UVA-20121-33w-2858 lm [9.4"x9.4"-13.3']
- UVA-20122-66w-4287lm [9.4"x9.4"-14.5']
- UVA-20123-99w-5716lm [9.4"x9.4"-15.7']
- UVA-20124-132w-7145lm [9.4"x9.4"-17']



Vancouver 18

- UVA-20131-33w-2858lm [9.4"x9.4"-13.3']
- UVA-201312-66w-4287lm [9.4"x9.4"-14.5']
- UVA-20133-99w-5716lm [9.4"x9.4"-15.7']
- UVA-20134-132w-7145lm [9.4"x9.4"-17']



Vancouver 19

- UVA-20141-33w-2858lm [9.4"x9.4"-13.3']
- UVA-20142-66w-4287lm [9.4"x9.4"-14.5']
- UVA-20143-99w-5716lm [9.4"x9.4"-15.7']
- UVA-20144-132w-7145lm [9.4"x9.4"-17']

Vancouver 20

- UVA-20151-33w-1429lm [9.4"x9.4"-12.1']

Vancouver 21

- UVA-20161-33w-1429lm [9.4"x9.4"-12.1']

Vancouver 22

- UVA-20171-33w-1429lm [9.4"x9.4"-12.1']

Vancouver 23

- UVA-20181-33w-1429lm [9.4"x9.4"-12.1']

Vancouver 24

- UVA-30001-8w-331lm [6.3"x6.3"-15.7"]

Vancouver 25

- UVA-30011-21w-570lm [6.3"x6.3"-23.6"]

Vancouver 26

- UVA-30012-21w-490lm [6.3"x6.3"-23.6"]

Vancouver 27

- UVA-30013-21w-740lm [6.3"x6.3"-23.6"]

Vancouver 28

- UVA-30021-39w-1336lm [9.4"x9.4"-39.3"]
- UVA-30031-33w RGBW-429lm [9.4"x9.4"-39.3"]

Vancouver 29

- UVA-30022-39w-1167lm [9.4"x9.4"-39.3"]
- UVA-30032-33w RGBW-1158lm [9.4"x9.4"-39.3"]

Vancouver 30

- UVA-30023-39w-1670lm [9.4"x9.4"-39.3"]
- UVA-30033-33w RGBW-439lm [9.4"x9.4"-39.3"]

Vancouver 31

• UVA-10101-7w-200lm [4.7" x 4.7" - 23.6"]

Vancouver 33

• UVA-10051-15w-1083lm [6.3" x 6.3" - 39.3"]

Vancouver 34

• UVA-10061-21w-1571lm [9.4" x 9.4" - 39.3"]

Vancouver 35

• UVA-10071-21w-1571lm [9.4" x 9.4" - 39.3"]

Vancouver 36

• UVA-10072-21w-1571lm [9.4" x 9.4" - 39.3"]

Vancouver 37

• UVA-10073-21w-1571lm [9.4" x 9.4" - 39.3"]

Vancouver 38

• UVA-10141-8w-95lm [4.7" x 4.7" - 23.6"]

Vancouver 39

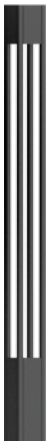
• UVA-10151-15w-418lm [6.3" x 6.3" - 39.3"]

Vancouver 40

• UVA-10161-21w-635lm [9.4" x 9.4" - 39.3"]

Vancouver 41

• UVA-20191-20w-1326lm [6.3" x 6.3" - 9.8']



Vancouver 42

• UVA-20201-40w-2969 lm [9.4" x 9.4" - 14.7']

Vancouver 43

• UVA-20211-39/21w-2781/1688lm [9.4"x9.4"-13.3']

Vancouver 44

• UVA-20212-39/2x21w-2781/2x1688lm [9.4"x9.4"-14.5']

Vancouver 45

• UVA-20213-39/3x21w-2781/3x1688lm [9.4"x9.4"-15.7']

Vancouver 46

• UVA-20221-39/21w-4469/1688lm [9.4"x9.4"-13.3']

Vancouver 47

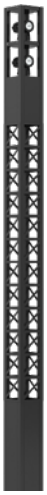
• UVA-20221-39/2x21w-4469/2x1688lm [9.4"x9.4"-14.5']

Vancouver 48

• UVA-20223-39/3x21w-4469/3x1688lm [9.4"x9.4"-15.7']

Vancouver 49

• UVA-20231-39/21w-2781/1688lm [9.4"x9.4"-13.3']



Vancouver 50

• UVA-20232-39/2x21w-2781/2x1688lm [9.4"x9.4"-14.5']

Vancouver 51

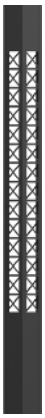
• UVA-20233-39/2x21w-2781/2x1688lm [9.4"x9.4"-15.7']

Vancouver 52

• UVA-20241-40w-2781lm [9.4"x9.4"-12']

Vancouver 53

• UVA-20242-40w-2781lm [9.4"x9.4"-12']



Vancouver 54

• UVA-20243-40w-2781lm [9.4"x9.4"-12']

Vancouver 55

• UVA-20251-21w-710lm [6.3"x6.3"-9.8']

Vancouver 56

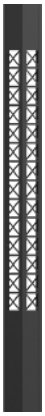
• UVA-20261-40w-1485lm [9.4"x9.4"-14.7']

Vancouver 60

• UVA-20281-94w-5120lm [9.4"x9.4"-12']

Vancouver 61

• UVA-20282-94w-5120lm [9.4"x9.4"-12']



Vancouver 62

• UVA-20283-94w-5120lm [9.4"x9.4"-12']

Vancouver 63

• UVA-70021-13w-437lm [6.3"x6.3"-15.7']

Vancouver 64

• UVA-70031-20w-1362lm [9.4"x9.4"-15.7']

Vancouver 65

• UVA-70041-8w-165lm [6.3"x6.3"-15.7"]

Vancouver 66

• UVA-70051-21w-410lm [9.4"x9.4"-15.7"]

Vancouver 67

• UVA-30041-20w-1326lm [6.3."x6.3"-23.6"]

Vancouver 68

• UVA-30042-20w-1326lm [6.3."x6.3"-23.6"]

Vancouver 69

• UVA-30043-20w-1326lm [6.3."x6.3"-23.6"]

Vancouver 70

• UVA-30051-40w-2781lm [9.4"x9.4"-39.3"]

Vancouver 71

• UVA-30052-40w-2781lm [9.4"x9.4"-39.3"]

Vancouver 72

• UVA-30053-40w-2781lm [9.4"x9.4"-39.3"]