

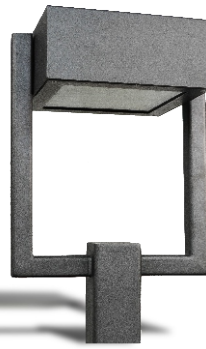
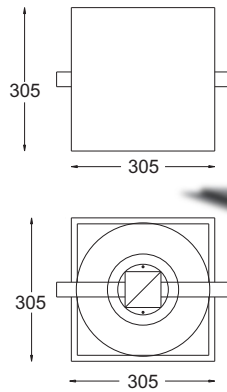
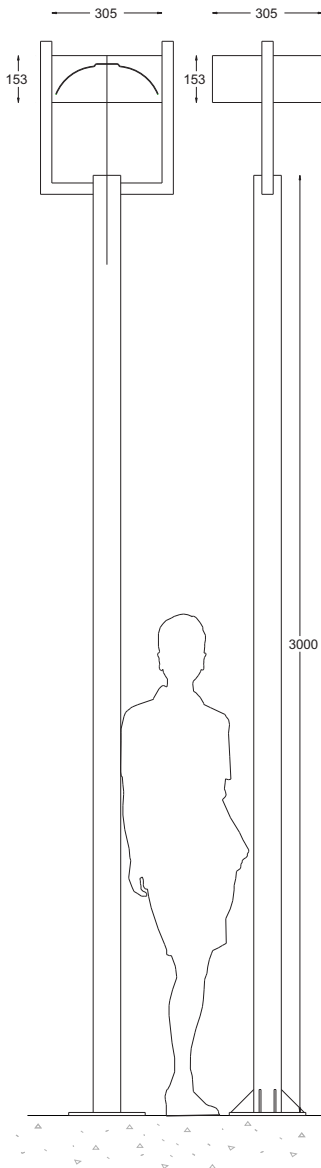






# NL-572-PT

POST TOP LIGHTING



## APPLICATIONS



## LAMP SUITABILITY



## DIMENSIONS

### Luminaire

Suggested Column Height 3000mm-4500mm	Length 305mm	Width 305mm	Depth 100mm
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## ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-572-4-PT-30 PLED	30W MID POWER LED	Omni	30W
NL-572-4-PT-45 PLED	45W MID POWER LED	Omni	45W

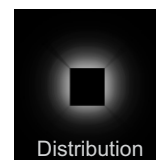
## DESCRIPTION FIXTURE

### POST TOP Luminaire

**Housing:** NOVA Luminaire comprises AiNL CRCA / aluminum housing and top cover for a heavy duty all weather tough body. Heat Resistant toughened glass clear diffuser covered with EPDM gasket and sealant for Protection from dust and insects, built in optical control devices, SS allen head screws. Duly fabricated by AiNL Fabrication Technique and precision finished. The housing is AiNL fine surface finished and painted with PU based automotive paint for extended lifetime performance.

**Electrical Component:** Power Supply comprises of AC-DC / DC-DC, Constant Current / Constant Voltage Solid State Electronic Driver with precise current / Voltage Control, Wide Operating Voltage Range, Short Circuit / Open Circuit, High Voltage / Surge Protection, Thermal Cut Off Protection for extended life time performance.

**Optical :** The Optical Compartment comprises a high efficiency reflector for narrow beam distribution for metal COB Lamp, high efficiency LED Lenses for LED's.



Distribution

## PROTECTION

IP RATING. IP65



XXX



NL-512  
POST TOP LUMINAIRE



POST TOP LIGHTING

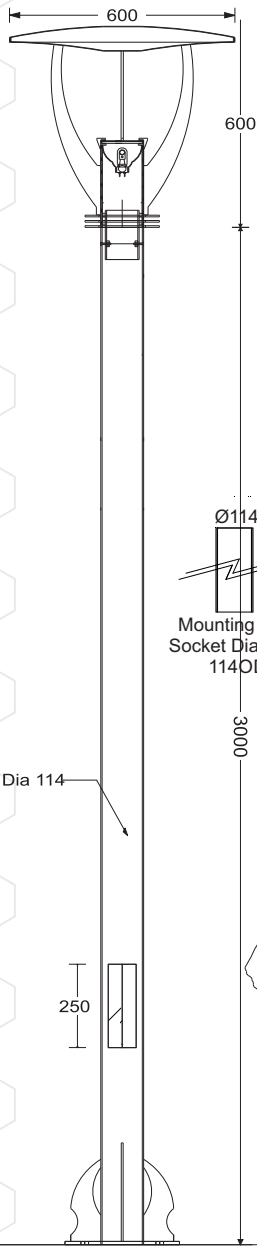






# NL-512

POST TOP LIGHTING



### APPLICATIONS



### PROTECTIONS

IP Rating: IP65  
IK Rating: IK10

### LAMP SUITABILITY



### DIMENSIONS

#### Luminaire

Luminaire Height 800mm	Luminaire Top Diameter 600mm	Recommended Column Height 1500mm-4500mm
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### ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-512-1202 PLED	12x2W Power LED	Omni	24W
NL-512-20 COB	20W COB LED	Omni	20W
NL-512-30 COB	30W COB LED	Omni	30W

### DESCRIPTION FIXTURE

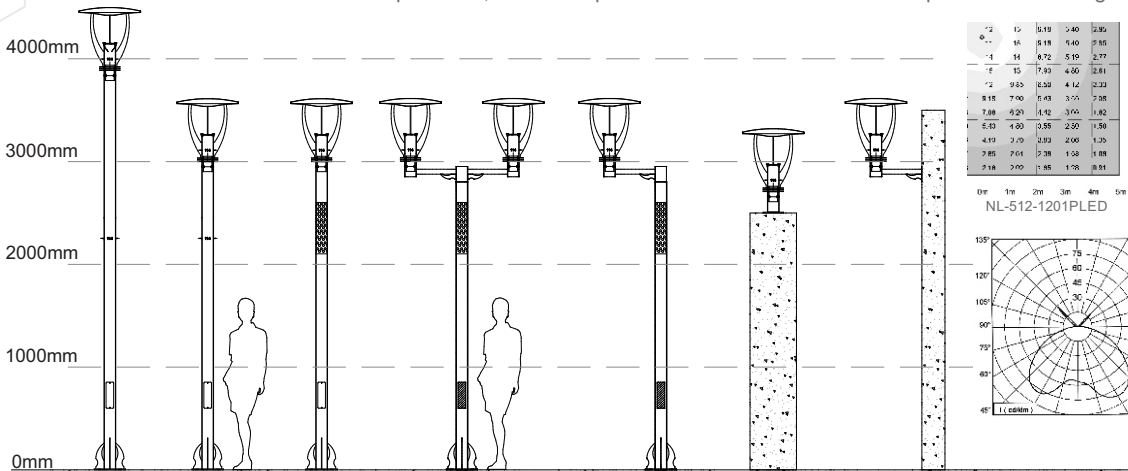
**HOUSING:** NOVA Luminaire comprises heavy MS housing, duly fabricated by AiNL Fabrication Technique and precision finished. The housing is AiNL fine surface finished and painted with PU based automotive paint for extended lifetime performance. Top Canopy made off Spun Aluminum / FRP for long life. Indirect reflector provides wide area lighting distribution. Heat resistant toughened glass diffuser mounted through insect resistant gasket & silicon sealant.

**ELECTRICAL:** Power Supply comprises of AC-DC / DC-DC, Constant Current / Constant Voltage Solid State Electronic Driver with precise current / Voltage Control, Wide Operating Voltage Range, Short Circuit / Open Circuit, High Voltage / Surge Protection, Thermal Cut Off Protection for extended life time performance.

**OPTICAL:** The Optical Compartment comprises a high efficiency reflector for narrow beam distribution for metal Halide Lamps and COB Lamp, high efficiency LED Lenses for LED's.

### DESCRIPTION-COLUMN

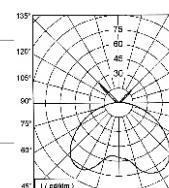
NOVA Lighting Column made of 10 swg MS pipe sections, duly machined, welded by AiNL Fabrication Technique and stress relieved for long service life. Column is provided with a heavy Base plate duly welded and provided with ornamental welded rib or triangular rib supports for stability. An integral Junction Chamber is provided along with a 6 Amps SP MCB and 4 way 10 sq mm connector block. Column and luminaire are fine finished and painted with long lasting PU based automotive paint SP MCB and 4 way 10 sq mm connector block. Column and luminaire are AiNL fine surface finished, primed, buffed and painted with PU based automotive paint to ensure long service life.



Ø	10	15	20	25	30	35	40	45	50
10m	11	14	18	23	27	31	35	39	43
15m	14	18	23	28	33	37	41	45	49
20m	18	23	28	33	38	43	47	51	55
25m	23	28	33	38	43	48	52	56	60
30m	28	33	38	43	48	53	57	61	65
35m	33	38	43	48	53	58	62	66	70
40m	38	43	48	53	58	63	67	71	75
45m	43	48	53	58	63	68	72	76	80
50m	48	53	58	63	68	73	77	81	85

NL-512-1201PLED

NL-512-30COB



### NOTE



# NL-512-T



## APPLICATIONS



## LAMP SUITABILITY



## DIMENSIONS

### Luminaire

Max. Ht. 800mm	Max. Dia. 600mm	Max. SPAN 1600mm	Column. Ht. 3000mm
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## ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS
NL-512-T-270-COB	2x 70 Watts COB LED	Wide Sym
NL-512-T-2150-PLED	2x150 Watts POWER LED	Wide Sym
COLUMN CODE	HEIGHT	Wide Sym
NL-C3-B12-P3114-PU	3000	Wide Sym

## DESCRIPTION FIXTURE

### 'NOVA'

#### DECORATIVE LANDSCAPE LUMINAIRE

TWIN Luminaire with ornamental mounting arm, comprises heavy MS housing, duly fabricated and precision finished.

The housing is fine surface finished and painted with PU based automotive paint for extended lifetime performance.

Integral control gear comprising heavy duty Ballast, Electronic solid state Ignitor, PF Capacitor and lamp holder all duly wired.

The Optical Compartment comprises a high efficiency reflector for wide beam distribution.

Top Canopy made of FRP for long life.

Indirect reflector provides wide area lighting distribution. high efficiency profiled reflector for wide cutoff distribution auxiliary reflective louvres. Heat resistant toughened glass diffuser mounted through insect resistant gasket.

## DESCRIPTION-COLUMN

#### DECORATIVE FINE FINISHED

Lighting Column made of 10 swg MS pipe sections, duly machined, welded and stress relieved for long service life.

Column is provided with a heavy Base plate duly welded and provided with ornamental welded rib supports for stability.

An integral Junction Chamber is provided along with a 6 Amps SP MCB and 4 way 10 sq mm connector block.

Column and luminaire are fine finished and painted with long lasting PU based automotive paint SP MCB and 4 way 10 sq mm connector block.

Column and luminaire are fine surface finished, primed, buffed and painted with PU based automotive paint to ensure long service life.

## PROTECTION

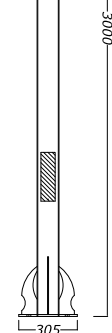
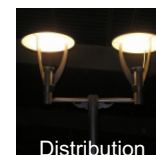
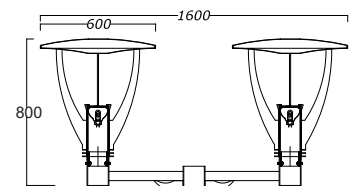
IP RATING: IP55  
IK RATING: IK08

## MOUNTING SUITABILITY

FLOOR MOUNTED ON LIGHT PCC  
PEDESTAL ON THE CENTRAL VERGE

## NOTE

Luminaire is offered SEPARATELY as well as with coordinated decorative column. Please specify your requirement.



POST TOP LIGHTING







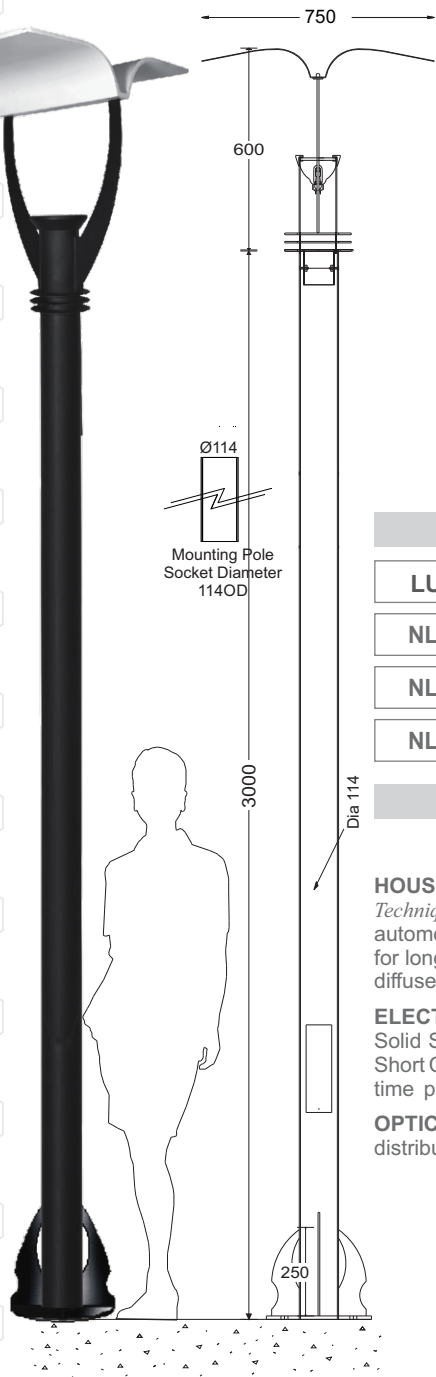
xxx







POST TOP LIGHTING



### APPLICATIONS



### LAMP SUITABILITY



### PROTECTIONS

IP Rating: IP65  
IK Rating: IK10

### DIMENSIONS

#### Luminaire

Luminaire Height 800mm	Luminaire Wing Span. 600mm	Max Column Height 3000mm
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### ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-513-1202 PLED	12WX2W - Power LED	Omni	24W
NL-513-20 COB	20W - COB LED	Omni	20W
NL-513-30COB	30W COB LED	Omni	30W

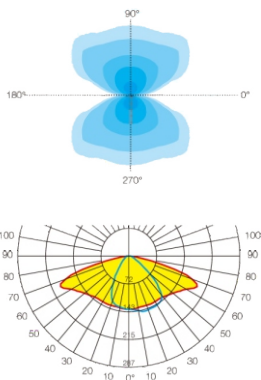
### DESCRIPTION FIXTURE

#### DECORATIVE LANDSCAPE LUMINAIRE

**HOUSING:** NOVA Luminaire comprises heavy MS housing, duly fabricated by *AiNL Fabrication Technique* and precision finished. The housing is *AiNL* fine surface finished and painted with PU based automotive paint for extended lifetime performance. Top *AiNL* Canopy made off Spun Aluminum / FRP for long life. Indirect reflector provides wide area lighting distribution. Heat resistant toughened glass diffuser mounted through insect resistant gasket & silicon sealant.

**ELECTRICAL:** Power Supply comprises of AC-DC / DC-DC, Constant Current / Constant Voltage Solid State Electronic Driver with precise current / Voltage Control, Wide Operating Voltage Range, Short Circuit / Open Circuit, High Voltage / Surge Protection, Thermal Cut Off Protection for extended life time performance.

**OPTICAL:** The Optical Compartment comprises a high efficiency *AiNL* reflector for narrow beam distribution for metal Halide Lamps and COB Lamp, high efficiency LED Lenses for LED's.





# NL-512-6



## APPLICATIONS



## LAMP SUITABILITY



## DIMENSIONS

### Luminaire

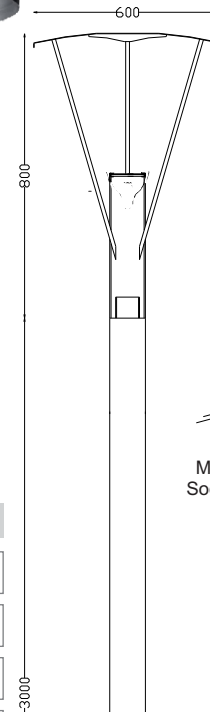
Height 800mm	Luminaire Top 600mm	Max Column Height 4500mm
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## PROTECTION

IP Rating: IP65  
IK Rating: IK08

## ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-512-6-1202PLED	12X2W-PLED	Omni	24W
NL-512-6-20-COB	20W - COB LED	Omni	20W
NL-512-6-30 COB	30W - COB LED	Omni	30W



POST TOP LIGHTING



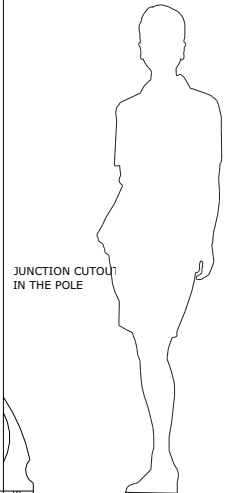
Photograph: Infinity Township, Guwahati  
Credits: AiNOVA Lighting

## DESCRIPTION FIXTURE

**HOUSING:** NOVA Luminaire comprises heavy MS housing, duly fabricated by AiNL Fabrication Technique and precision finished. The housing is fine surface finished and painted with PU based automotive paint for extended lifetime performance. Top Canopy made off AiNL Spun Aluminum / FRP for long life. Indirect reflector provides wide area lighting distribution. Heat resistant toughened glass diffuser mounted through insect resistant gasket & silicon sealant.

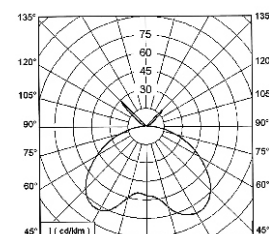
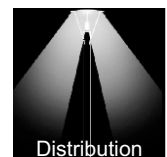
**ELECTRICAL COMPONENT:** Power supply comprises of AC-DC/DC-DC Constant Current/Constant Voltage Solid State Electronic Driver with precise current /Voltage Control, Wide Operating Voltage Range, Short Circuit, High Voltage / Surge Protection, Thermal Cut Off Protection for extended life time performance.

**OPTICAL:** The Optical Compartment comprises a AiNL high efficiency reflector for narrow beam distribution for metal Halide Lamps and COB Lamp, high efficiency AiNL LED Lenses for LED's.



## DESCRIPTION-COLUMN

NOVA Lighting Column made of 10 swg MS pipe sections, duly machined, welded by AiNL Fabrication Technique and stress relieved for long service life. Column is provided with a heavy Base plate duly welded and provided with welded supports for stability. Ornamental base rib supports. An integral Junction Chamber is provided along with a 6 Amps SP MCB and 4 way 10 sq mm connector block. Column and luminaire are fine finished and painted with long lasting PU based automotive paint.









# NL-512-2



## APPLICATIONS



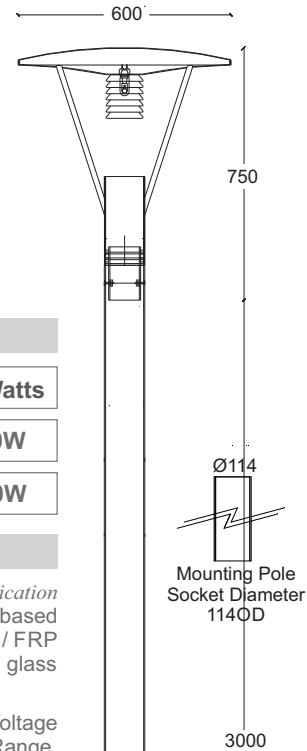
## LAMP SUITABILITY



## DIMENSIONS

### Luminaire

Luminaire Width 600mm	Luminaire Length 200mm	Recommended Column Height 1500mm-4500mm
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POST TOP LIGHTING

## ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-512-2-20 COB	12Nos. X 20W COB LED	Omni	20W
NL-512-2-30COB	1Nos. X 30W COB LED	Omni	30W

## DESCRIPTION FIXTURE

**HOUSING:** NOVA Luminaire comprises heavy MS housing, duly fabricated by *AiNL Fabrication Technique* and precision finished. The housing is *AiNL* fine surface finished and painted with PU based automotive paint for extended lifetime performance. Top Canopy made off Spun *AiNL* Aluminum / FRP for long life. Indirect reflector provides wide area lighting distribution. Heat resistant toughened glass diffuser mounted through insect resistant gasket & silicon sealant.

**ELECTRICAL:** Power Supply comprises of AC-DC / DC-DC, Constant Current / Constant Voltage Solid State Electronic Driver with precise current / Voltage Control, Wide Operating Voltage Range, Short Circuit / Open Circuit, High Voltage / Surge Protection, Thermal Cut Off Protection for extended life time performance.

**OPTICAL:** The Optical Compartment comprises a high efficiency Louve System for glove control.

## DESCRIPTION-COLUMN

NOVA make Lighting Column made of 10 swg MS pipe sections, duly machined, welded using *AiNL Fabrication Technique* and stress relieved for long service life. Column is provided with a heavy Base plate duly welded and provided with ornamental welded rib or triangular rib supports for stability. An integral Junction Chamber is provided along with a 6 Amps SP MCB and 4 way 10 sq mm connector block. Column and luminaire are fine finished and painted with long lasting PU based automotive paint SP MCB and 4 way 10 sq mm connector block. Column and luminaire are fine surface finished, primed, buffed and painted with PU based automotive paint to ensure long service life.

## PROTECTIONS

IP Rating: IP65  
IK Rating: IK8

## MOUNTING SUITABILITY

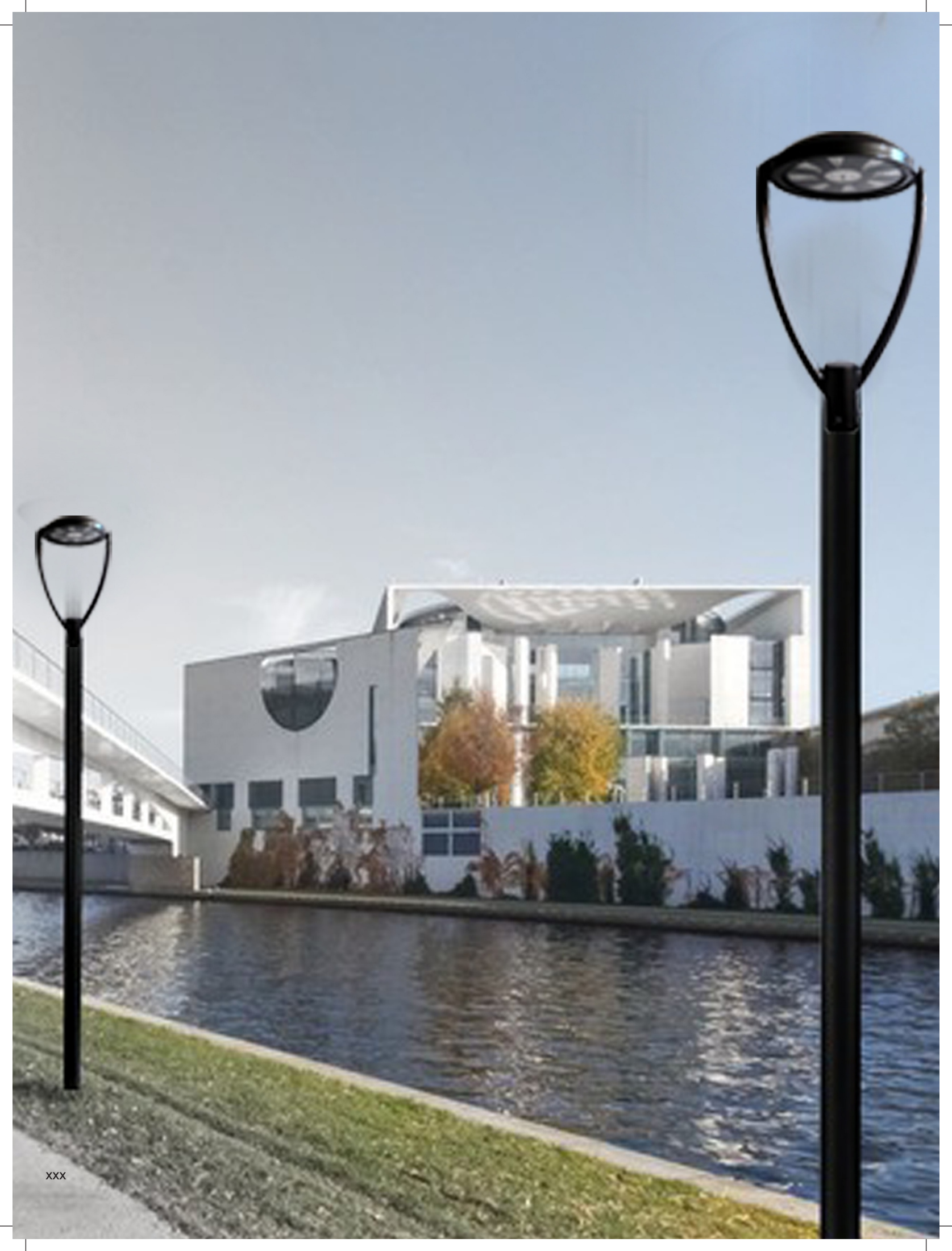
FLOOR MOUNTED POLE LUMINAIRE  
PCC FOUNDATION



## NOTE

- Luminaire is offered separately as well as with coordinated decorative column.
- Pole height for 3000-4500mm 20W LED & 30W COB

Ør	1m	2m	3m	4m	5m
30	43	46	46	47	47
35	43	46	46	47	47
40	44	46	46	47	47
45	45	46	46	47	47
50	45	46	46	47	47
55	45	46	46	47	47
60	45	46	46	47	47
65	45	46	46	47	47
70	45	46	46	47	47
75	45	46	46	47	47
80	45	46	46	47	47
85	45	46	46	47	47
90	45	46	46	47	47
95	45	46	46	47	47
100	45	46	46	47	47
105	45	46	46	47	47
110	45	46	46	47	47
115	45	46	46	47	47
120	45	46	46	47	47
125	45	46	46	47	47
130	45	46	46	47	47
135	45	46	46	47	47
140	45	46	46	47	47
145	45	46	46	47	47
150	45	46	46	47	47
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460	45	46	46	47	47
465	45	46	46	47	47
470	45	46	46	47	47
475	45	46	46	47	47
480	45	46	46	47	47
485	45	46	46	47	47
490	45	46	46	47	47
495	45	46	46	47	47
500	45	46	46	47	47





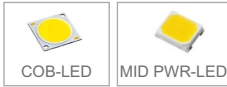
# NL-558-PT



## APPLICATIONS



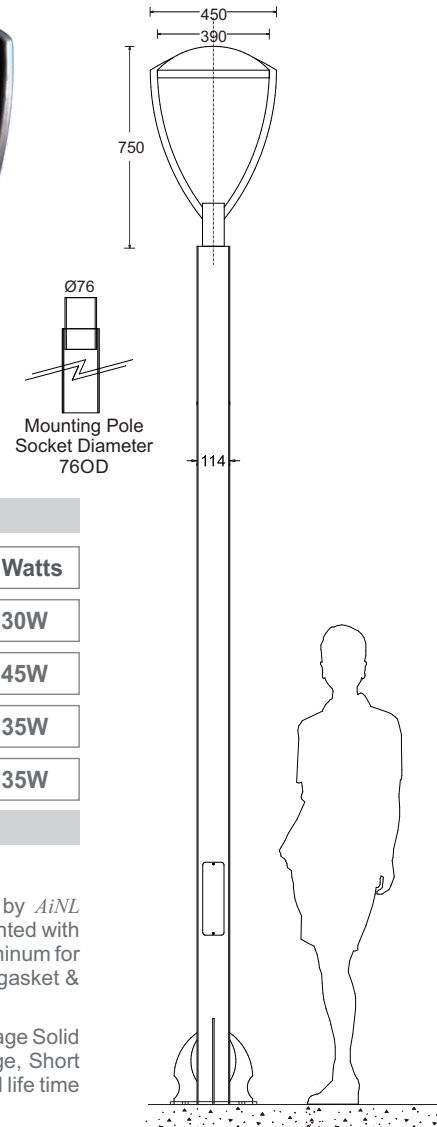
## LAMP SUITABILITY



## DIMENSIONS

### Luminaire

Recommended Column Height 1500mm-4500mm	Luminaire Diameter 390mm	Luminaire Height 600mm
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## ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-558-PT-30MLED	30W Mid Power LED	Direct	30W
NL-558-PT-45MLED	45W Mid Power LED	Direct	45W
NL-558-PT-30 COB	30W COB LED	Direct	35W
NL-558-PT-45 COB	45W COB LED	Direct	35W

## DESCRIPTION FIXTURE

### Post Top Luminaire

**HOUSING:** NOVA Luminaire comprises heavy Aluminum & MS housing, duly fabricated by *AiNL Fabrication technique* and precision finished. The housing is *AiNL* fine surface finished and painted with PU based automotive paint for extended lifetime performance. Top Canopy made off Spun Aluminum for long life. Heat resistant toughened Acrylic / Glass diffuser mounted through insect resistant gasket & silicon sealant.

**ELECTRICAL:** Power Supply comprises of AC-DC / DC-DC, Constant Current / Constant Voltage Solid State Electronic Driver with precise current / Voltage Control, Wide Operating Voltage Range, Short Circuit / Open Circuit, High Voltage / Surge Protection, Thermal Cut Off Protection for extended life time performance.

**OPTICAL:** The Optical Compartment comprises a high efficiency *AiNL* reflector for wide beam distribution for Metal Halide, CFL, LED and COB Lamps along with *AiNL* glare control louvers.

## DESCRIPTION-COLUMN

NOVA Lighting Column made of 10 swg MS pipe sections, duly machined, welded by *AiNL Fabrication technique* and stress relieved for long service life. Column is provided with a heavy Base plate duly welded and provided with ornamental welded rib or triangular rib supports for stability. An integral Junction Chamber is provided along with a 6 Amps SP MCB and 4 way 10 sq mm connector block. Column and luminaire are fine finished and painted with long lasting PU based automotive paint SP MCB and 4 way 10 sq mm connector block. Column and luminaire are fine surface finished, primed, buffed and painted with PU based automotive paint to ensure long service life.

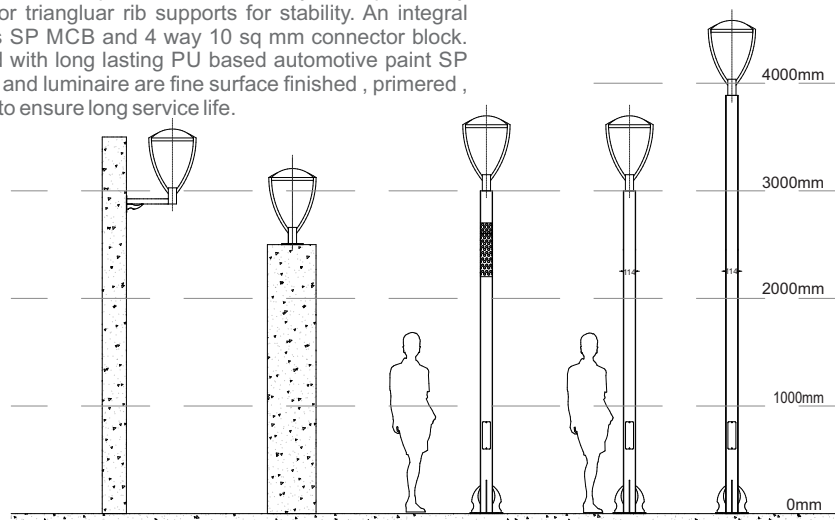
## PROTECTIONS

IP Rating: IP65  
IK Rating: IK08



Distribution

## NOTE

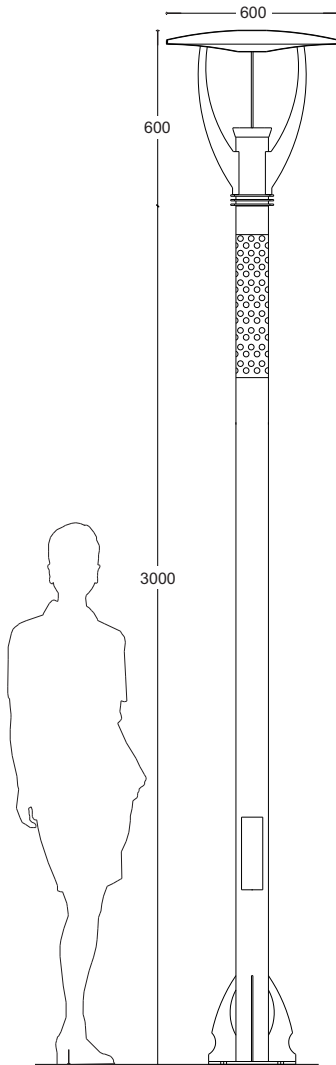


POST TOP LIGHTING



# NL-512-4

POST TOP LIGHTING



### APPLICATIONS



### LAMP SUITABILITY



### PROTECTION

IP Rating: IP65  
IK Rating: IK10

### PERFORATED COLUMN

### DIMENSIONS

#### Luminaire

Suggested Column Height 3000mm - 4500mm	Luminaire Perforation 600mm	Luminaire Height 800mm	Luminaire Top Canopy 600mm Dia.
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### ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-512-4-20W COB	20W COB+20W MLED	Indirect	50W
NL-512-4-30W COB	30W COB+20W MLED	Indirect	60W

### DESCRIPTION FIXTURE

**HOUSING:** NOVA Luminaire comprises heavy MS housing, duly fabricated by AiNL Fabrication Technique and precision finished. The housing is AiNL fine surface finished and painted with PU based automotive paint for extended lifetime performance. Top Canopy made off Spun Aluminum / FRP for long life. Indirect reflector provides wide area lighting distribution. Heat resistant toughened glass diffuser mounted through insect resistant gasket & silicon sealant.

**ELECTRICAL:** Power Supply comprises of AC-DC / DC-DC, Constant Current / Constant Voltage Solid State Electronic Driver with precise current / Voltage Control , Wide Operating Voltage Range, Short Circuit / Open Circuit, High Voltage / Surge Protection, Thermal Cut Off Protection for extended life time performance.

**OPTICAL:** The Optical Compartment comprises a high efficiency reflector for narrow beam distribution for COB Lamp, OPAL deifies for perforation .



XXX



# NL-554



## APPLICATIONS



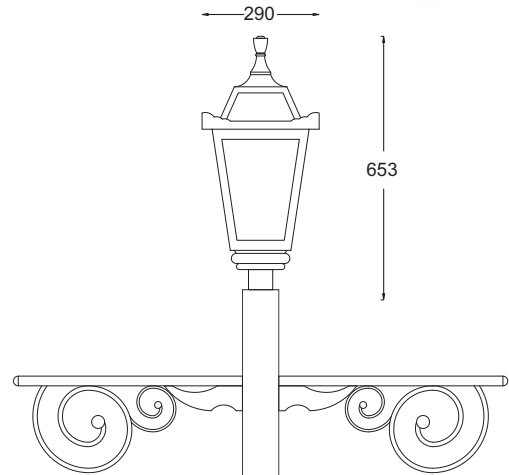
## LAMP SUITABILITY



## DIMENSIONS

### Luminaire

Luminaire Height 653mm	Luminaire Length 290mm	Luminaire Width 290mm
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## ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-554-30MLED	30W Mid LED	SYMM	35W
NL-554-4501PLED	45W Power LED	SYMM	48W

## LUMINAIRE DESCRIPTION

### ORIENTAL POST TOP LUMINAIRE

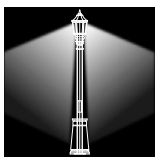
**Housing:** NOVA Luminaire comprises cast aluminum housing, top support arm for a heavy duty all weather tough body. Heat Resistant toughened glass clear diffuser covered with silicon sealant for protection from dust water & insects, built in optical control devices, SS allen head screws. Duly fabricated by *AiNL Fabrication Technique* and precision finished. The housing is *AiNL* fine surface finished and painted with PU based automotive paint for extended lifetime performance.

**Electrical Component:** Luminaire available in MH & LED Lamps for varied application connected with a High Efficiency *AiNL* Ballast, Ignitor, Capacitor for Metal halide & constant current *AiNL* LED driver.

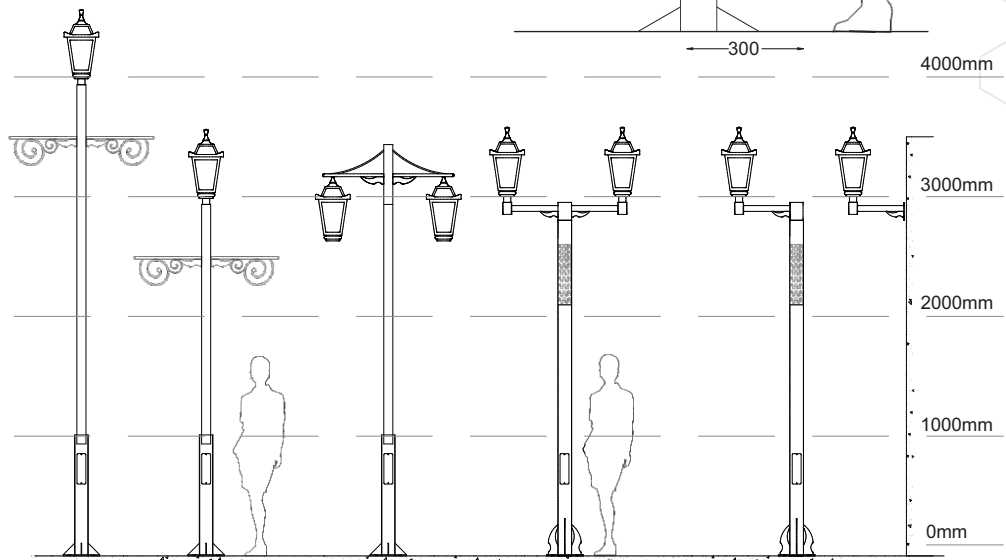
**Optical Compartment:** Diffused Lighting Output by glass diffusers & *AiNL* Louvers.

## INGRESS PROTECTION

IP RATING: IP65



Distribution



POST TOP LIGHTING





# NL-514

Product Design : Mr Ravindra Bhan  
The Eminent Landscape Designer  
M/S Ravindra Bhan & Associates

## APPLICATIONS



## LAMP SUITABILITY

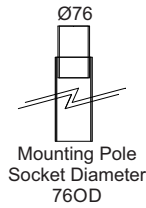
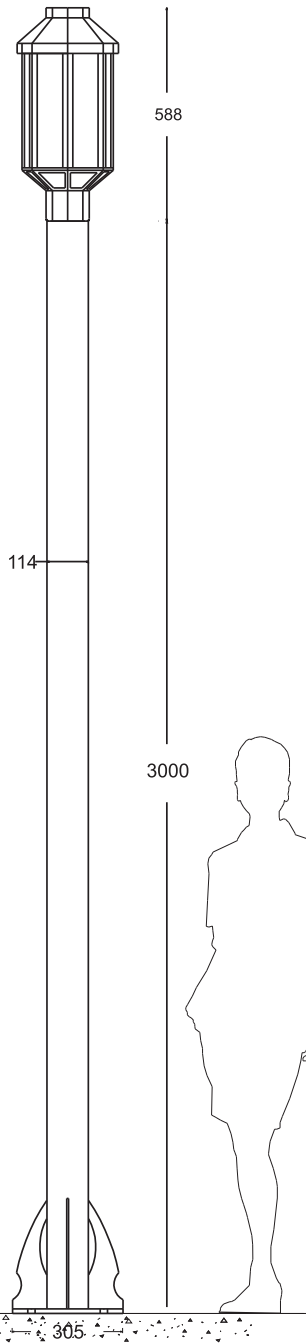


## DIMENSIONS

### Luminaire

Recommended Column Height 1500mm-4500mm	Length: 588mm	Diameter: 320mm
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POST TOP LIGHTING



## ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-514-30W MLED	30W MID POWER LED	Wide Symm	30W
NL-514-30W PLED	30W POWER LED	Wide Symm	30W
NL-514-30W COB	30W COB LED	Wide Symm	30W
NL-514-40W COB	40W COB LED	Wide Symm	40W
NL-514-1202 PLED	12 X 2W Power LED	Wide Symm	24W

## DESCRIPTION FIXTURE

### POST TOP LUMINAIRE

**HOUSING:** NOVA Ornamental pole mounted post top luminaire. OCTAGONAL housing by *AiNL Fabrication Technique* with symmetrical fascias provide aesthetic period ambiance. Fully cast aluminum body finished and powder coated black. With eight frosted glass pane diffusers mounted through silicon sealant for ingress protection from insects. The housing is *AiNL* fine surface finished and painted with PU based automotive paint for extended lifetime performance.

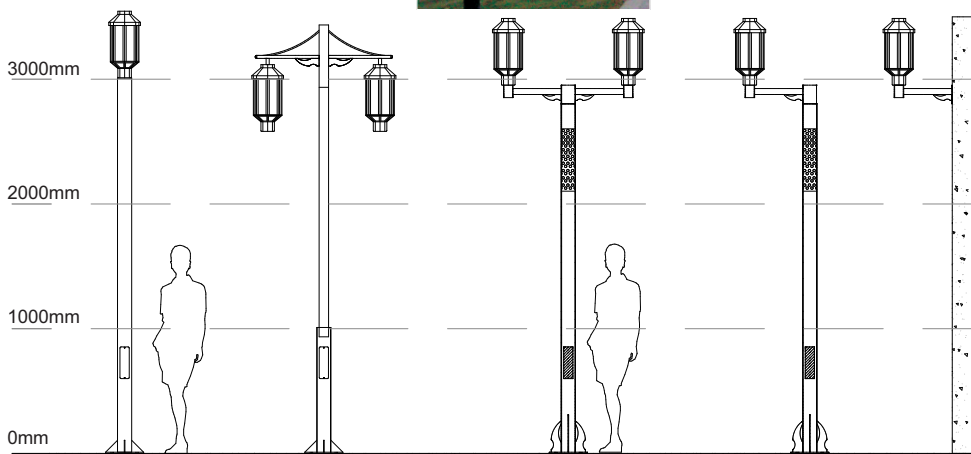
**ELECTRICAL COMPONENT:** Power Supply comprises of AC-DC / DC-DC, Constant Current / Constant Voltage Solid State Electronic Driver with precise current / Voltage Control, Wide Operating Voltage Range, Short Circuit / Open Circuit, High Voltage / Surge Protection, Thermal Cut Off Protection for extended life time performance.

**OPTICAL:** The optical compartment comprises consists of *AiNL* glass/acrylic diffusers for diffused uni-directional distribution.



## PROTECTIONS

IP Rating: IP55  
IK Rating: Ik06  
LED MODULE : IP65







Photograph: Ram Manohar Lohia Park, Lucknow, Uttar Pradesh  
Credits: [www.pinterest.com](#)







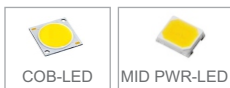
# NL-557-PT & NL-557-HPT



## APPLICATIONS



## LAMP SUITABILITY



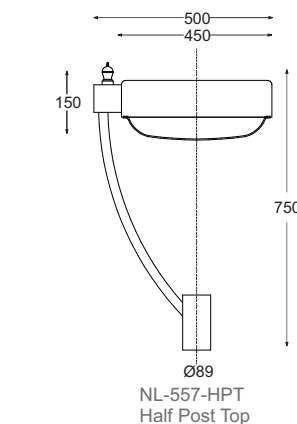
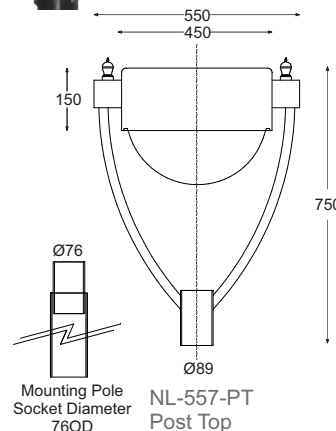
## DIMENSIONS

### Luminaire

Recommended Column Height 3000mm-4500mm	Luminaire Diameter 540mm	Luminaire Height 750mm
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## PROTECTIONS

IP Rating: IP65  
IK Rating: IK08



## ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-557-PT-30W MLED	70W Metal Halide Lamp	Direct	70W
NL-557-PT-45W MLED	45W MID POWER LED	Direct	30W
NL-557-PT-30W COB	30W COB LED	Direct	45W
NL-557-PT-45W COB	45W COB LED	Direct	45W
NL-557-HPT-30W MLED	30W MID POWER LED	Direct	30W
NL-557-HPT-45W MLED	45W MID POWER LED	Direct	45W
NL-557-HPT-30W COB	30W COB LED	Direct	30W
NL-557-HPT-45W COB	45W COB LED	Direct	45W

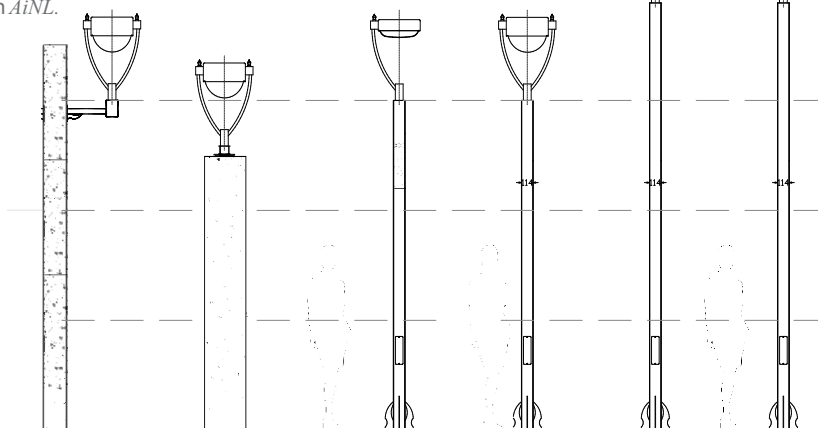
## DESCRIPTION FIXTURE

### Post Top Luminaire

**HOUSING:** NOVA Luminaire comprises heavy Aluminum & MS housing, duly fabricated by *AiNL Fabrication technique* and precision finished. The housing is *AiNL* fine surface finished and painted with PU based automotive paint for extended lifetime performance. Top Canopy made off Spun Aluminum for long life. Heat resistant toughened Acrylic / Glass diffuser mounted through insect resistant gasket & silicon sealant.

**ELECTRICAL COMPONENT:** Power Supply comprises of AC-DC / DC-DC, Constant Current / Constant Voltage Solid State Electronic Driver with precise current / Voltage Control, Wide Operating Voltage Range, Short Circuit / Open Circuit, High Voltage / Surge Protection, Thermal Cut Off Protection for extended life time performance.

**OPTICAL:** The Optical Compartment comprises a high efficiency *AiNL* reflector for wide beam distribution for LED and COB Lamps along with *AiNL*.



POST TOP LIGHTING







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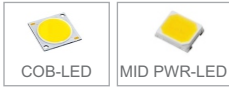
# NL-566 & 566-1



## APPLICATIONS



## LAMP SUITABILITY



## DIMENSIONS

### Luminaire

Length 600mm	Width 600mm	Height 500mm
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## ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-566			
NL-566-30 COB	30W COB LED	Direct	35W
NL-566-1			
NL-566-1-20 COB	20W COB LED	Indirect	24W
NL-566-1-30 COB	30W COB LED	Indirect	35W

## DESCRIPTION FIXTURE

### Post Top Luminaire

**HOUSING:** NOVA Luminaire comprises heavy Aluminum housing, duly fabricated by *AiNL Fabrication technique* and precision finished. The housing is *AiNL* fine surface finished and painted with PU based automotive paint for extended lifetime performance. Top Canopy made off Spun Aluminum for long life. Heat resistant toughened Acrylic / Glass diffuser mounted through insect resistant gasket & silicon sealant.

**ELECTRICAL COMPONENT :** Power Supply comprises of AC-DC / DC-DC, Constant Current / Constant Voltage Solid State Electronic Driver with precise current / Voltage Control , Wide Operating Voltage Range, Short Circuit / Open Circuit, High Voltage / Surge Protection, Thermal Cut Off Protection for extended life time performance.

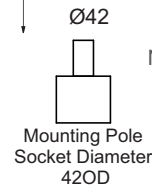
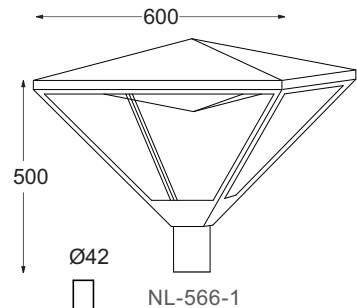
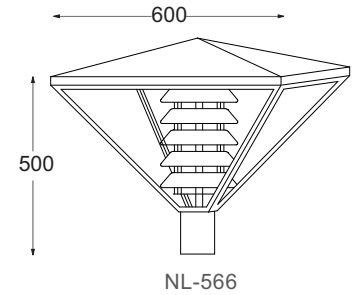
**OPTICAL:** The Optical Compartment comprises a high efficiency *AiNL* reflector for wide beam distribution for LED and COB Lamps along with *AiNL* gloss acrylic asltser.



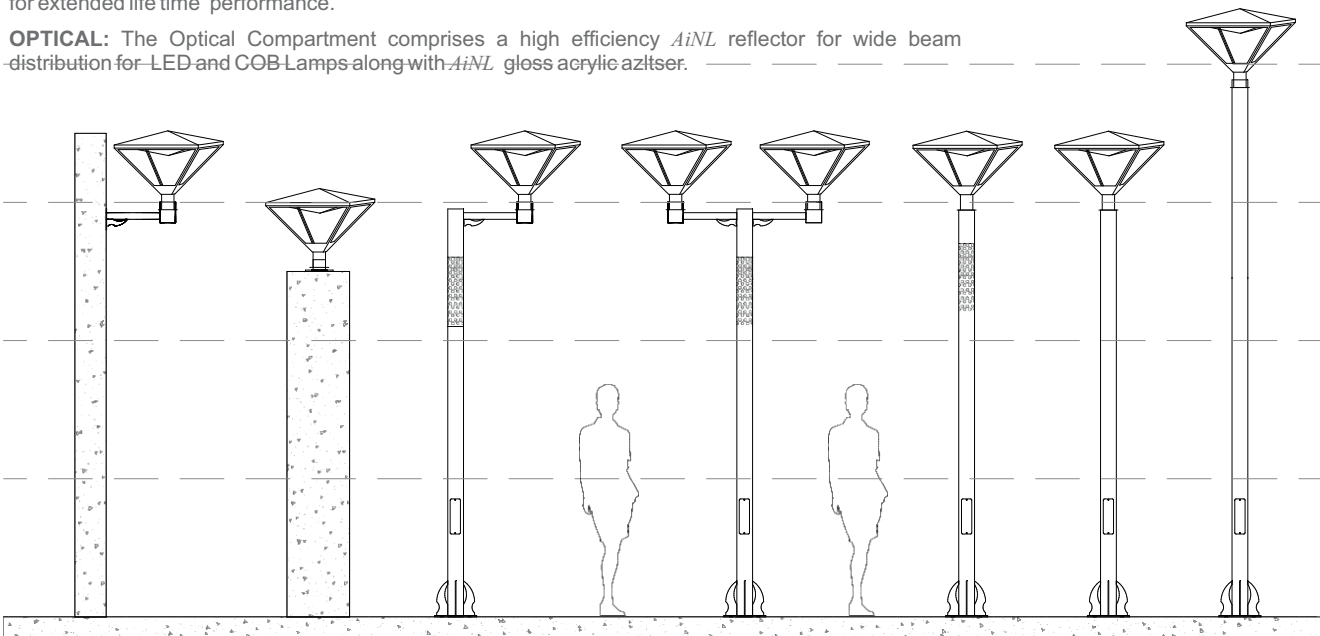
Indirect Symmetrical  
Distribution  
NL-566-1



Direct Symmetrical  
Distribution  
NL-566



POST TOP LIGHTING







# NL-566-6-PT

POST TOP LIGHTING



### APPLICATIONS



### LAMP SUITABILITY



### DIMENSIONS

#### Luminaire

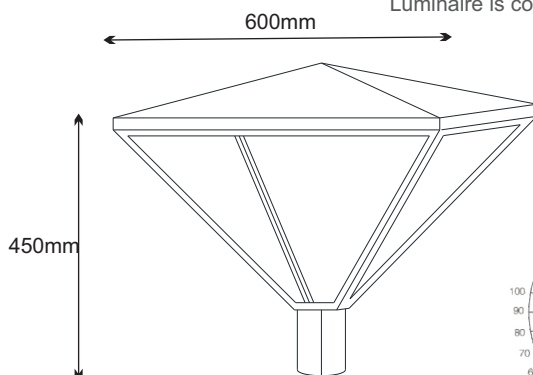
Max.Ht. 450mm	Max.Wi. 600mm	Max.L. 600mm
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### ORDER CODE

LUMINAIRE CODE	LAMP TYPE	CCT	OPTICS-OP1	OPTICS-OP2
NL-566-6-PT-30W MLED	30W- POWER LED	3000K	Symmetrical	Street Type-2
NL-566-6-PT-30W MLED	30W- POWER LED	4000K	Symmetrical	Street Type-2
NL-566-6-PT-30W MLED	30W- POWER LED	6500K	Symmetrical	Street Type-2
NL-566-6-PT-45W MLED	45W- POWER LED	3000K	Symmetrical	Street Type-2
NL-566-6-PT-45W MLED	45W- POWER LED	4000K	Symmetrical	Street Type-2
NL-566-6-PT-45W MLED	45W- POWER LED	6500K	Symmetrical	Street Type-2

### DESCRIPTION FIXTURE

'NOVA'  
 'Column mounted - Post Top luminaire.  
 With DIRECT distribution for aesthetics and high performance.  
 Made from heavy duty cast aluminium body  
 Diffuser is made from heavy gauge - transparent high impact acrylic- with UV protection against non yellowing.  
 The body incorporates the hub as well as the Integral control gear- with - short circuit - open circuit- high voltage- low voltage- thermal - atmospheric surge protections .  
 HIGH POWER LED is directly mounted on heavy duty LED grade cast aluminium housing through MCPCB- ensuring operation under controlled temperature under extreme conditions.  
 Optical Lens - PMMA for light distribution as required  
 Luminaire is completely sealed with bottom maintenance for operator ease..Max beam distribution

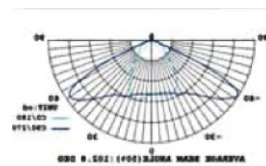
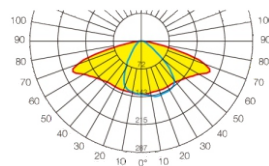


### MOUNTING SUITABILITY

ON COLUMN-SOCKET DIA 60MM

### PROTECTION CLASS

IP-65



### NOTE

NOVA also manufactures - fine finished PU coated matching poles for the luminaires

XXX

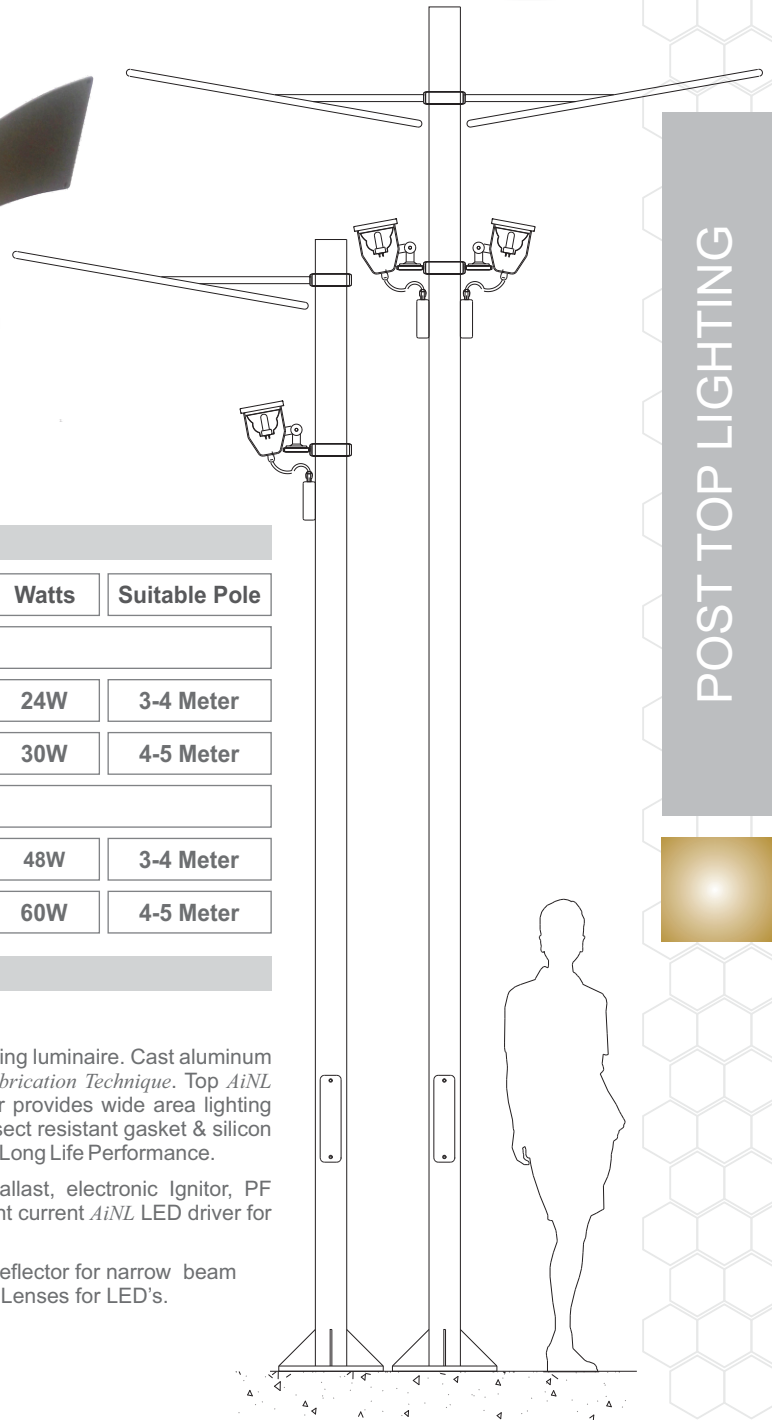
# NL-Indirect-Spot



## APPLICATIONS



## LAMP SUITABILITY



POST TOP LIGHTING

## ORDER CODE

LUMINAIRE CODE	LAMP TYPE	Watts	Suitable Pole
Single Side Indirect Spot			
NL-Indirect-1-JI-1565-1201PLED	12 x 1-3W Power LED	24W	3-4 Meter
NL-Indirect-1-JOLLY-2401PLED	24 x 1-3W Power LED	30W	4-5 Meter
Double Side Indirect Spot			
NL-Indirect-2-JI-1565-1201PLED	2 x 12 x 1-3W Power LED	48W	3-4 Meter
NL-Indirect-2-JOLLY-2401PLED	2 x 24 x 1-3W Power LED	60W	4-5 Meter

## LUMINAIRE DESCRIPTION

### DECORATIVE LANDSCAPE LUMINAIRE

**HOUSING:** NOVA make Pole Mounted Spot Light cum Architectural Lighting luminaire. Cast aluminum body, extruded aluminum cylindrical base all fabricated using *AiNL Fabrication Technique*. Top *AiNL* Canopy made off Spun Aluminum / FRP for long life. Indirect reflector provides wide area lighting distribution. Heat resistant toughened glass diffuser mounted through insect resistant gasket & silicon sealant. Luminaire Precision Finished with PU Based Automotive Paint for Long Life Performance.

**ELECTRICAL:** Integral control gear comprising heavy duty *AiNL* ballast, electronic Ignitor, PF Capacitor and lamp holder all duly wired for MH & high efficiency constant current *AiNL* LED driver for LED&COB.

**OPTICAL:** The Optical Compartment comprises a high efficiency *AiNL* reflector for narrow beam distribution for metal Halide Lamps and COB Lamp, high efficiency LED Lenses for LED's.



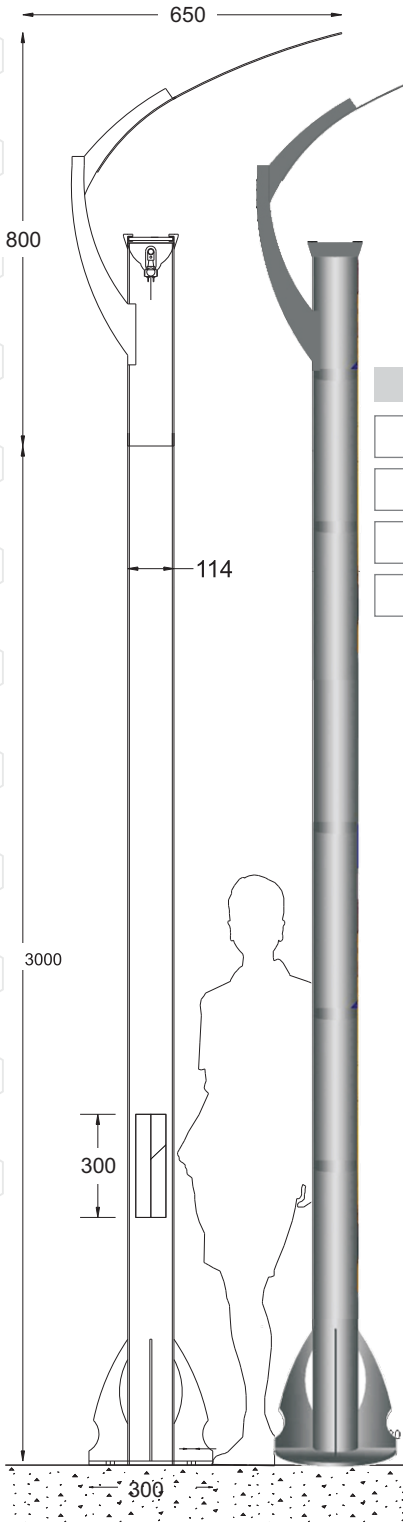
Distribution



Distribution







### APPLICATIONS



### LAMP SUITABILITY



### DIMENSIONS

#### Luminaire

Recommended Column Height 1500mm-4500mm	Length: 800mm	Width: 650mm
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### PROTECTIONS

IP Rating: IP56  
IK Rating: IK10

### ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-573-1-1201PLED	12Nos. X 2W Power LED	Indirect	24W
NL-573-1-30COB	1Nos. X 30W COB LED	Indirect	35W
Suggested Coulmn Height		3000mm - 4500mm	

### LUMINAIRE DESCRIPTION

#### POST TOP LUMINAIRE

**HOUSING:** NOVA Luminaire comprises heavy MS housing, duly fabricated by AiNL Fabrication technique & precision finished. The housing is AiNL fine surface finished & painted with PU based automotive paint for extended lifetime performance. Top Canopy made off AiNL FRP for long life. Indirect reflector provides wide area lighting distribution. Heat resistant toughened glass diffuser mounted through insect resistant gasket & silicon sealant.

**ELECTRICAL:** Power Supply Comprises of AC-DC / DC-DC / Constant Current / Constant Voltage Solid State Electronic Driver With Precise current / Voltage Control , Wide Operating Voltage Range Short Circuit , High Voltage / Surge Protection , Thermal Cut off Protection for extended life time performance .

**OPTICAL:** The Optical Compartment comprises a high efficiency AiNL reflector for narrow beam distribution for COB Lamp.



Distribution

### NOTE

1. Luminaire is offered SEPARATLY as well as with coordinated decorative column. Please specify your requirement.

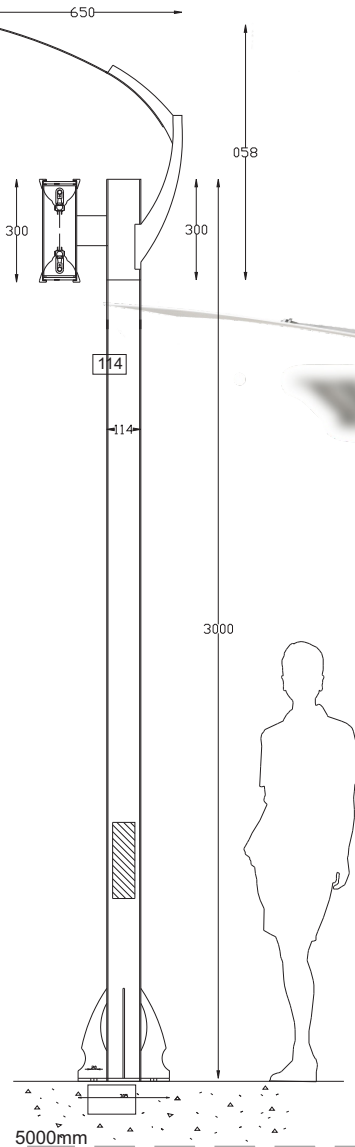






# NL-573-2

POST TOP LIGHTING



## APPLICATIONS



## LAMP SUITABILITY



## PROTECTIONS

IP Rating: IP65  
IK Rating: IK10

## DIMENSIONS

### Luminaire

Recommended Column Height 1500mm-4500mm	Height: 800mm	Width: 650mm
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## ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-573-2-20 COB	2 x 20 X COB LED	Direct-Indirect	40W
NL-573-2-30COB	2 X 30W COB LED	Direct-Indirect	60W
Suggested Coulmn Height	3000mm - 4500mm		

## DESCRIPTION FIXTURE

### POST TOP LUMINAIRE

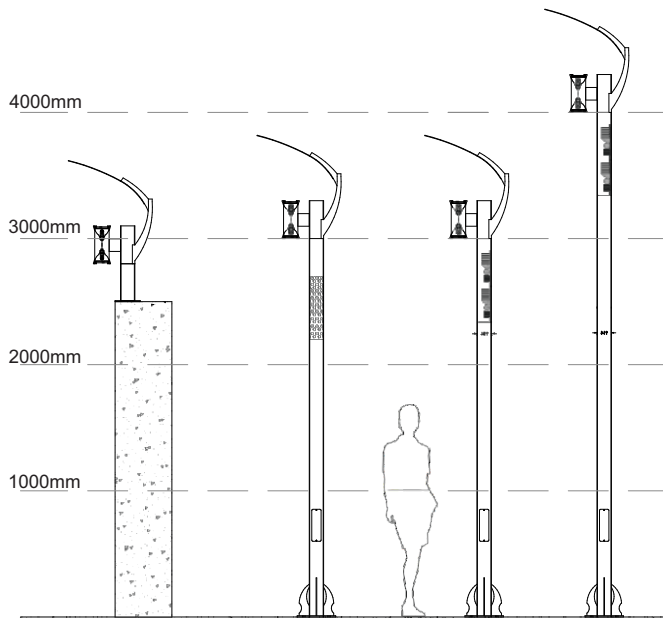
**HOUSING:** *NOVA* Luminaire comprises heavy MS housing, duly fabricated by *AiNL Fabrication technique* and precision finished. The housing is *AiNL* fine surface finished and painted with PU based automotive paint for extended lifetime performance. Top Canopy made off *AiNL* FRP for long life. Indirect reflector provides wide area lighting distribution while *AiNL* narrow beam downward direct reflector for wide area lighting. Heat resistant toughened glass diffuser mounted through insect resistant gasket & silicon sealant.

**ELECTRICAL:** Power Supply Comprises of AC-DC / DC-DC / Constant Current / Constant Voltage Solid State Electronic Driver With Precise current / Voltage Control , Wide Operating Voltage Range Short Circuit , High Voltage / Surge Protection , Thermal Cut off Protection for extended life time performance .

**OPTICAL:** The Optical Compartment comprises a high efficiency *AiNL* reflector for narrow beam distribution for COB Lamp.

## DESCRIPTION-COLUMN

*NOVA* Lighting Column made of 10 swg MS pipe sections , duly machined , welded by *AiNL Fabrication technique* & stress relieved for long service life. Column is provided with a heavy Base plate duly welded and provided with ornamental welded rib or triangular rib supports for stability. An integral Junction Chamber is provided along with a 6 Amps SP MCB and 4 way 10 sq mm connector block. Column and luminaire are fine finished and painted with long lasting PU based automotive paint SP MCB and 4 way 10 sq mm connector block. Column and luminaire are fine surface finished , premiered , buffed and painted with PU based automotive paint to ensure long service.



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# NL-5004



## APPLICATIONS



## LAMP SUITABILITY



## DIMENSIONS

### Luminaire

Luminaire Height 600mm	Luminaire Diameter 210mm	Luminaire Canopy Dia 600mm
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## ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-5004-20 COB	20W COB LED	Wide	20W
NL-5004-30 COB	30W COB LED	Wide	30W

## DESCRIPTION FIXTURE

### POST TOP LUMINAIRE

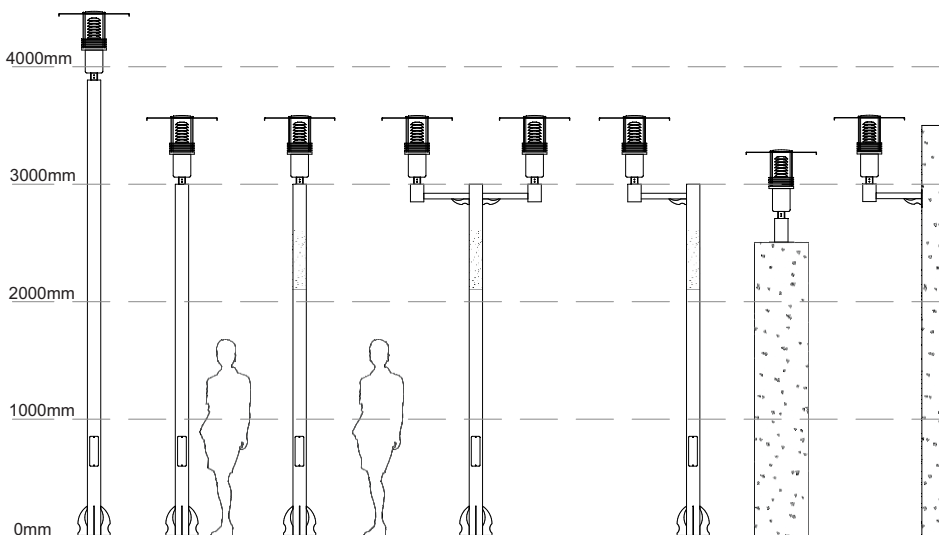
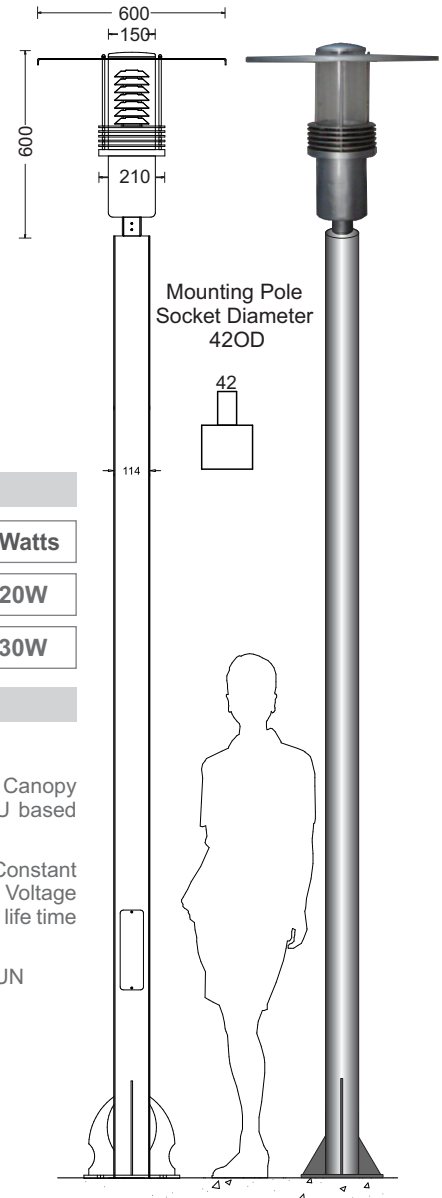
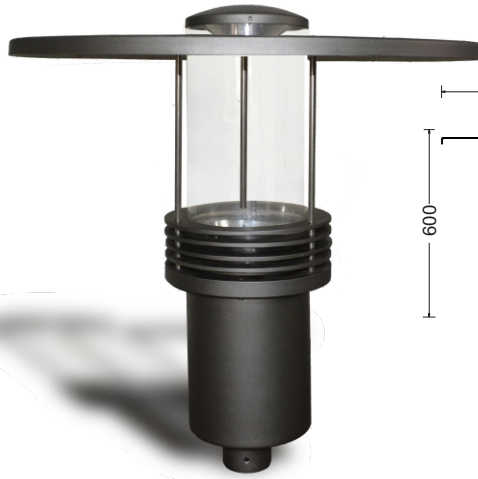
**Housing:** NOVA Luminaire comprises Aluminum body fine finished, Spun aluminum Top and Canopy with glass acrylic diffuser. The housing is AiNL fine surface finished and painted with PU based automotive paint for extended lifetime performance.

**Electrical Component:** Power Supply Comprises of AC-DC / DC-DC / Constant Current / Constant Voltage Solid State Electronic Driver With Precise current / Voltage Control , Wide Operating Voltage Range Short Circuit , High Voltage / Surge Protection , Thermal Cut off Protection for extended life time performance .

**Optical Component:** Narrow beam primary spun aluminum anodised reflector with AiNL SPUN ALUMINIUM secondary reflector.

## PROTECTION

IP RATING: IP65

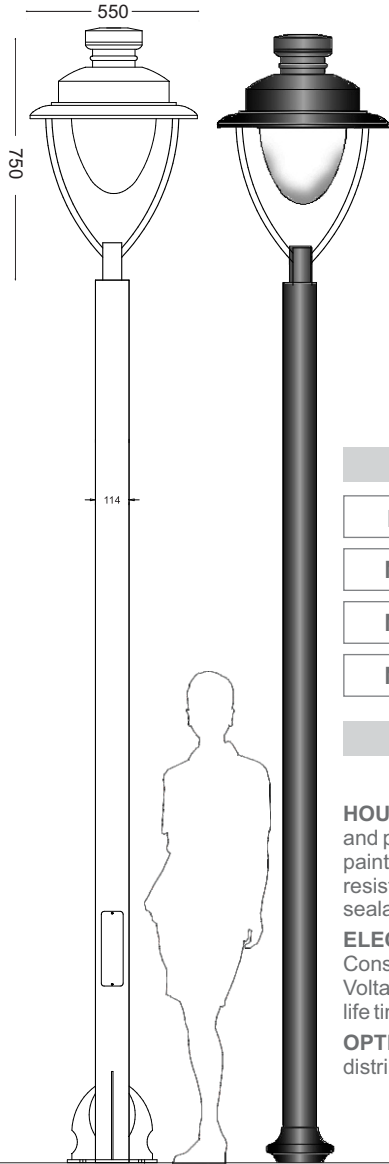


POST TOP LIGHTING



# NL-596-PT

POST TOP LIGHTING



## APPLICATIONS



## LAMP SUITABILITY



## DIMENSIONS

### Luminaire

Suggested Column Height 3000mm - 4500mm	Luminaire Diameter 550mm	Luminaire Height 600mm
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## ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-596-20W PLED	24W Power LED Lamp	Direct Sym	24W
NL-596-PT30W COB	30W COB LED	Direct Sym	30W
NL-596-PT-45W COB	45W COB LED	Direct Sym	45W

## DESCRIPTION FIXTURE

### POST TOP LUMINAIRE

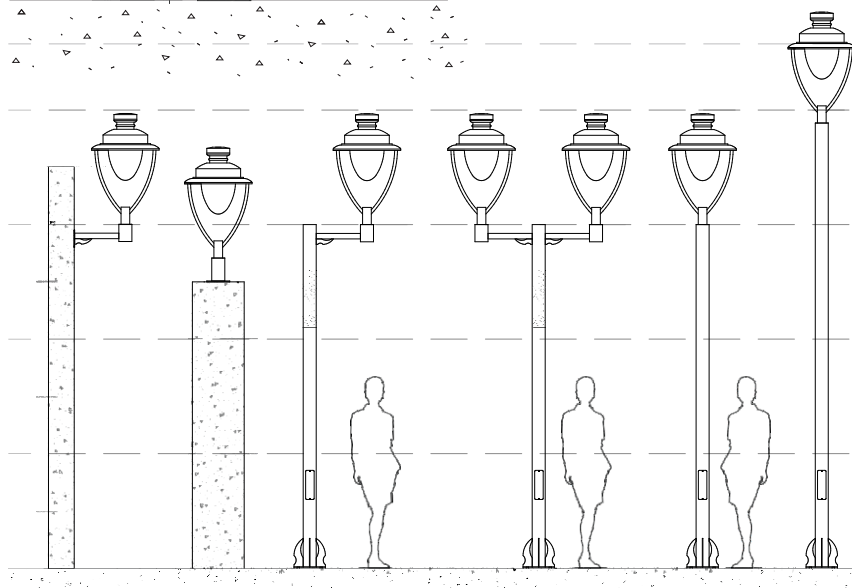
**HOUSING:** NOVA Luminaire comprises heavy MS housing, duly fabricated by *AiNL Fabrication technique* and precision finished. The housing is *AiNL* fine surface finished and painted with PU based automotive paint for extended lifetime performance. Top Canopy made off AiNL Spun Aluminum for long life. Heat resistant toughened bell shaped acrylic diffuser mounted through insect resistant gasket & silicon sealant.

**ELECTRICAL COMPONENT:** Power Supply Comprises of AC-DC / DC-DC / Constant Current / Constant Voltage Solid State Electronic Driver With Precise current / Voltage Control , Wide Operating Voltage Range Short Circuit , High Voltage / Surge Protection , Thermal Cut off Protection for extended life time performance .

**OPTICAL:** The Optical Compartment comprises a high efficiency *AiNL* reflector for wide beam distribution for LED and COB Lamps along with glare control louvers.

## PROTECTION

IP Rating: IP65



XXX

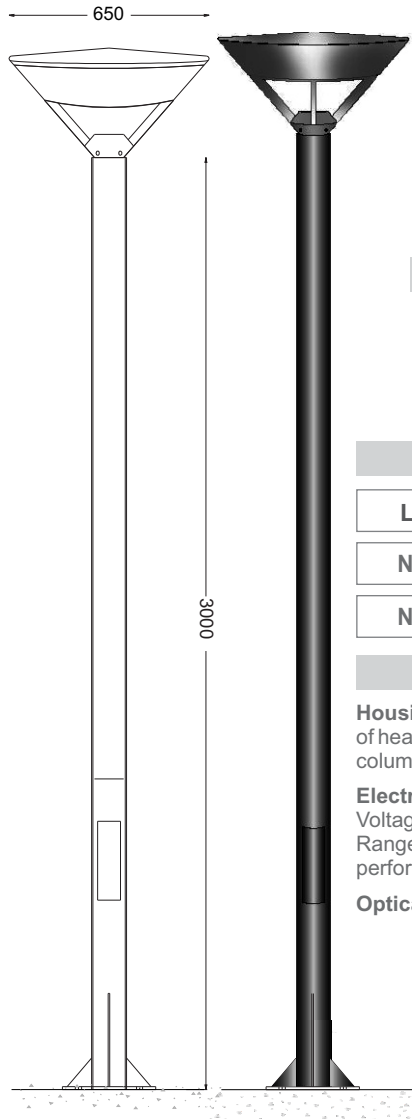




Photograph: Visual Render  
Credits: Google Images



# NL-JI-1876-PT



## APPLICATIONS



## LAMP SUITABILITY



## PROTECTIONS

IP Rating: IP56  
IK Rating: IK07

## DIMENSIONS

### Luminaire

Suggested Column Height 3000mm-4500mm	Luminaire Diameter 650mm	Luminaire Height 375mm
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## ORDER CODE

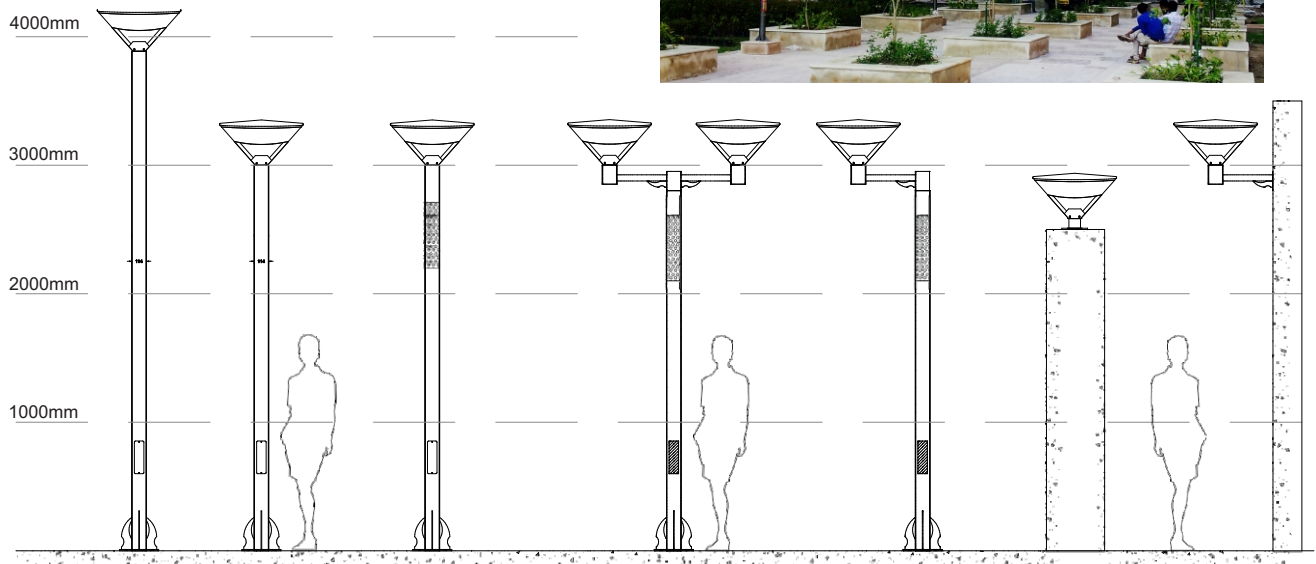
LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-JI-1876-30 MLED	30W MID POWER LED	SYMM	30W
NL-JI-1876-45 MLED	45W MID POWER LED	SYMM	45W

## DESCRIPTION FIXTURE

**Housing:** NOVA make Direct Architectural Post top Die Cast aluminium Body .Rigid fixing arrangement of heat resistant toughened glass diffuser. Heavy duty mounting base with SS Allen head screws for firm column mounting.

**Electrical Compartment:** Power Supply Comprises of AC-DC / DC-DC / Constant Current / Constant Voltage Solid State Electronic Driver With Precise current / Voltage Control , Wide Operating Voltage Range Short Circuit , High Voltage / Surge Protection , Thermal Cut off Protection for extended life time performance .

**Optical Compartment:** Primary Optical *AiNL* reflector for wide distribution beam spread.



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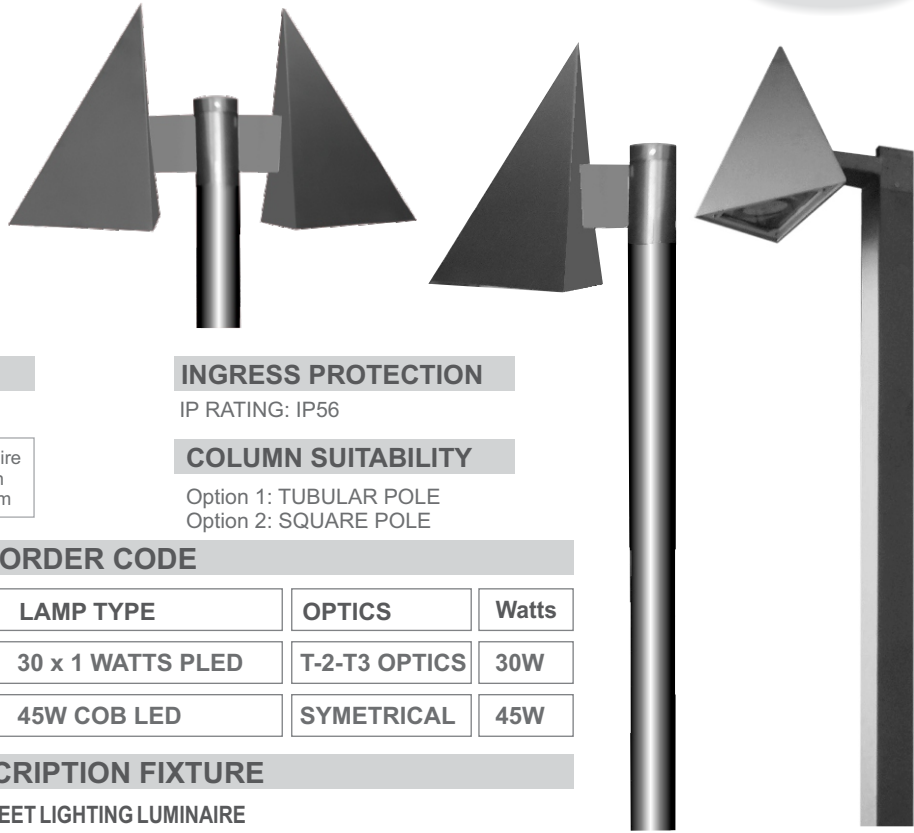
# NL-8604-PT



## APPLICATIONS



## LAMP SUITABILITY



## DIMENSIONS

### Luminaire

Suggested Column Height 3000mm - 6000mm	Luminaire Length 270mm	Luminaire Width 450mm
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## INGRESS PROTECTION

IP RATING: IP56

## COLUMN SUITABILITY

Option 1: TUBULAR POLE  
Option 2: SQUARE POLE

## ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-8604-PT-30W-PLED	30 x 1 WATTS PLED	T-2-T3 OPTICS	30W
NL-8604-PT-45COB	45W COB LED	SYMETRICAL	45W

## DESCRIPTION FIXTURE

### STREET LIGHTING LUMINAIRE

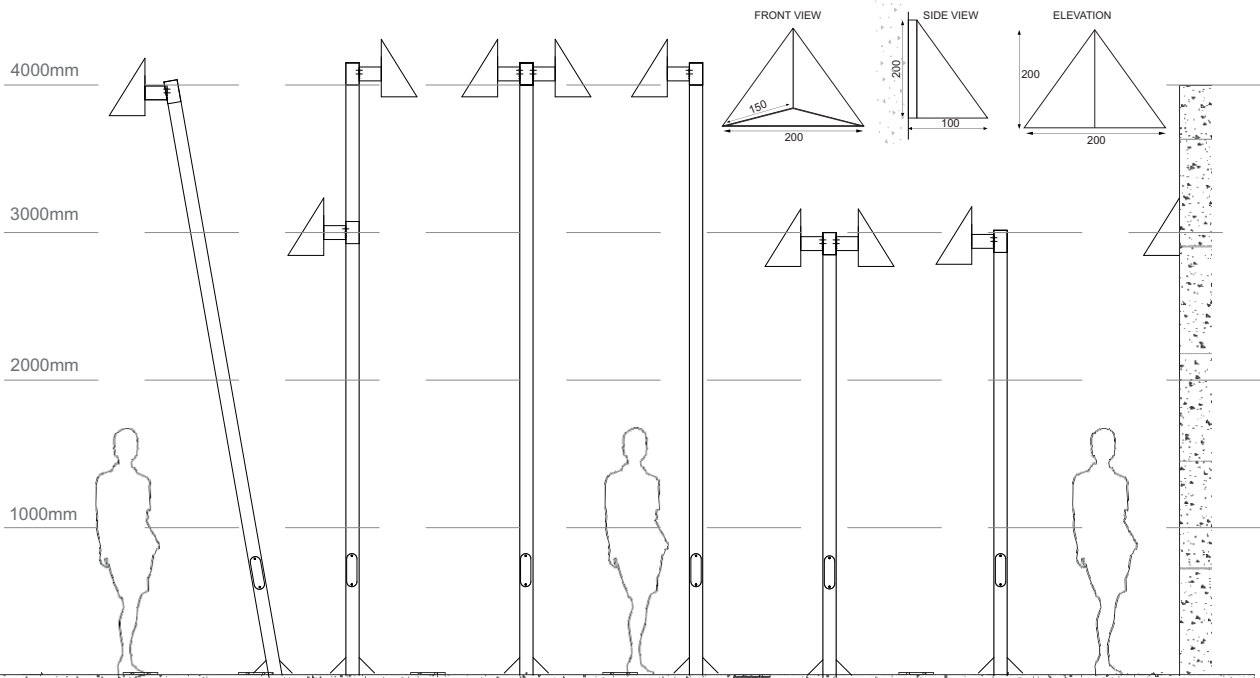
**Housing:** NOVA make Luminaire comprises sheet aluminum *AiNL* housing with cast aluminum back plate and housing cover for a heavy duty all weather tough body. Heat Resistant toughened glass clear diffuser covered with EPDM gasket and silicon sealant for protection from dust water & insects, built in *AiNL* optical control devices, SS allen head screws. Duly fabricated using *AiNL Fabrication Technique* and precision finished. The housing is fine surface finished and *AiNL* method painted with PU based automotive paint for extended lifetime performance.

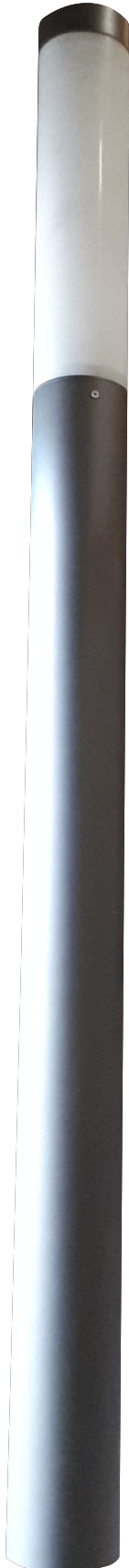
**Electrical Component:** Power supply comprises of AC-DC / DC-DC. Constant Current / Constant Voltage Solid State Electronic Driver with precise current / Voltage Control, Wide Operating Voltage Rang, Short Circuit / Open Circuit, High Voltage / Surge Protection, Thermal Cut Off Protection for extended life time performance.

**Optical Compartment:** Asymmetrical *AiNL* anodized spun aluminum reflector for Asymmetrical light distribution for Metal halide and CFL Lamps.



POST TOP LIGHTING





Fixture with Milky Diffuse.

**APPLICATIONS**



**LAMP SUITABILITY**



**DIMENSIONS**

**Luminaire**

Column Height 3000mm - 4500mm	Luminaire Diameter 150mm	Luminaire Height 650mm
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**ORDER CODE**

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-5056-1-130W-COB	30W COB LED	Omni Direction	30W
NL-5056-2-55-MLED	55W MID Power LED	Omni Direction	55W
<b>MILKY DIFFUSER NL-5056-3</b>			
NL-5056-3-45W-MLED	45W MID Power LED	Omni Direction	30W
NL-5056-3-55W-MLED	55W MID Power LED	Omni Direction	55W

**MOUNTING**

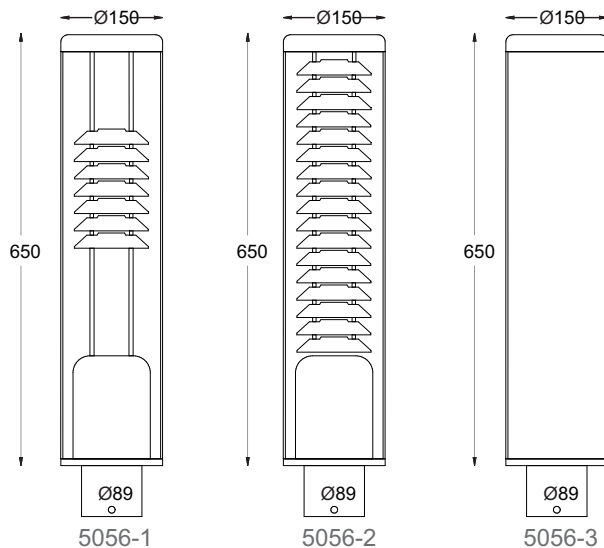
Mild Steel: Ø114 Dia  
Aluminum: Ø150 Dia

**PROTECTION**

IP Rating: IP65  
IK Rating: IK07

Fixture with Clear Diffuser & Glare Control Louvers

Fixture with Milky Diffuser







POST TOP LIGHTING

### DESCRIPTION-COLUMN

**NOVA** Lighting Column made of 10 swg MS pipe sections , duly machined , welded and stress relieved for long service life. Column is provided with a heavy Base plate duly welded by *AiNL Fabrication technique* and provided with ornamental welded rib or triangular rib supports for stability. An integral Junction Chamber is provided along with a 6 Amps SP MCB and 4 way 10 sq mm connector block. Column and luminaire are fine finished and painted with long lasting PU based automotive paint SP MCB and 4 way 10 sq mm connector block. Column and luminaire are fine surface finished , primered , buffed and painted with PU based automotive paint to ensure long service life.

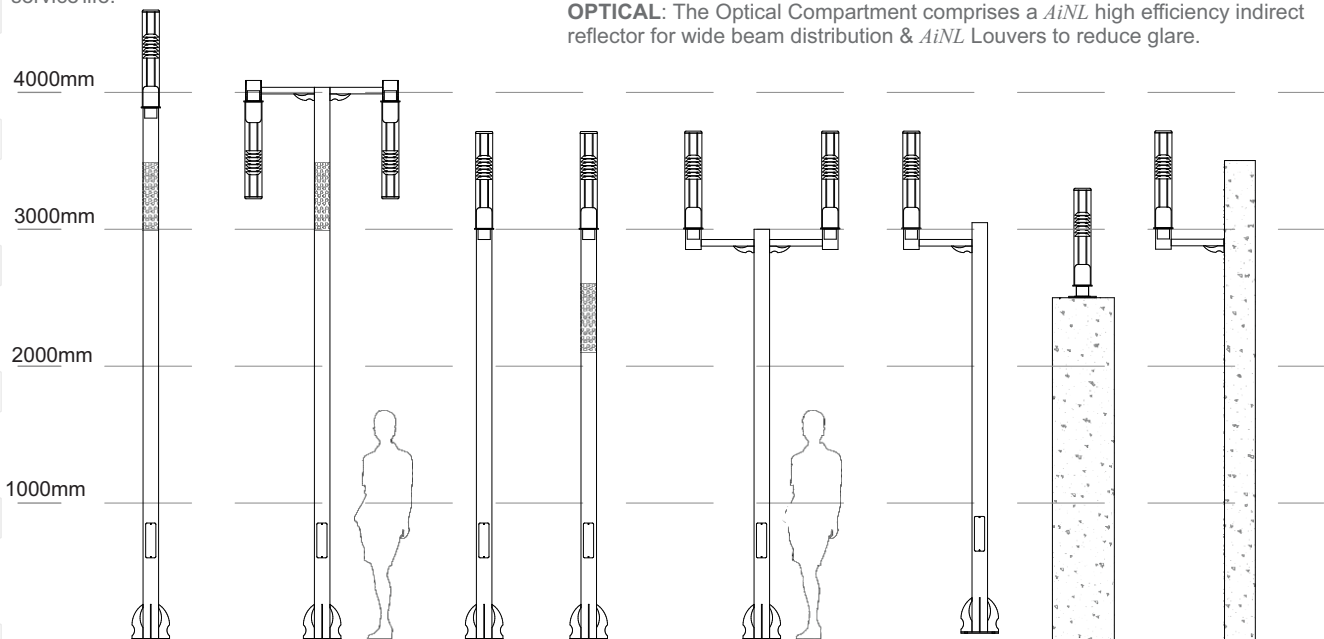
### DESCRIPTION FIXTURE

#### POST TOP LUMINAIRE

**HOUSING:** **NOVA** make Luminaire comprises heavy Aluminum housing, duly fabricated by *AiNL Fabrication technique* and precision finished. The housing is fine surface finished and painted with PU based automotive paint for extended lifetime performance. Heat resistant toughened Acrylic diffuser mounted through insect resistant gasket & silicon sealant.

**ELECTRICAL:** Component: Power Supply Comprises of AC-DC / DC-DC / Constant Current / Constant Voltage Solid State Electronic Driver With Precise current / Voltage Control , Wide Operating Voltage Range Short Circuit , High Voltage / Surge Protection , Thermal Cut off Protection for extended life time performance.

**OPTICAL:** The Optical Compartment comprises a *AiNL* high efficiency indirect reflector for wide beam distribution & *AiNL* Louvers to reduce glare.





# NL-FLORA

POST TOP LIGHTING



NL-FLORA-30W MLED



NL-FLORA-OPAL-30W MLED



NL-FLORA-FUNOPAL-30W MLED

## APPLICATIONS



## LAMP SUITABILITY



## PROTECTION

IP Rating: IP56

## DIMENSIONS

### Luminaire

Max Width. 450mm	Max. Height. 600mm	Column Ht. 2500mm
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## ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-FLORA-30W MLED	30W MLED	Clear Diffuser	30W
NL-FLORA-OPAL-30W-MLED	30W MLED	Clear Diffuser	30W
NL-FLORA-FUNOPAL-30W MLED	30W MLED	Clear Diffuser	30W

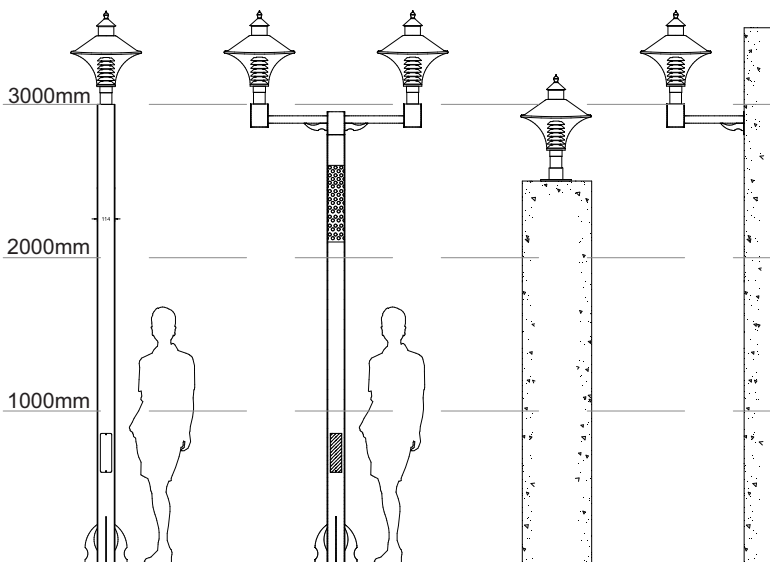
## DESCRIPTION FIXTURE

### DECORATIVE LANDSCAPE LUMINAIRE

**Housing:** NOVA make Luminaire comprises heavy duty Aluminium body with heat resistant poly carbonate, duly assembled and precision finished for outdoor application. Luminaire precision finished and coated with a long life automotive paint for long life application.

**Electrical Compartment:** Constant Voltage Solid State Electronic Driver With Precise current / Voltage Control , Wide Operating Voltage Range Short Circuit , High Voltage / Surge Protection , Thermal Cut off Protection for extended life time performance.

**Optical compartment:** comprises of an NOVA anodized aluminum reflector with glare preventing anodized aluminum louvers for optimal glare control and wide distribution.



XXX





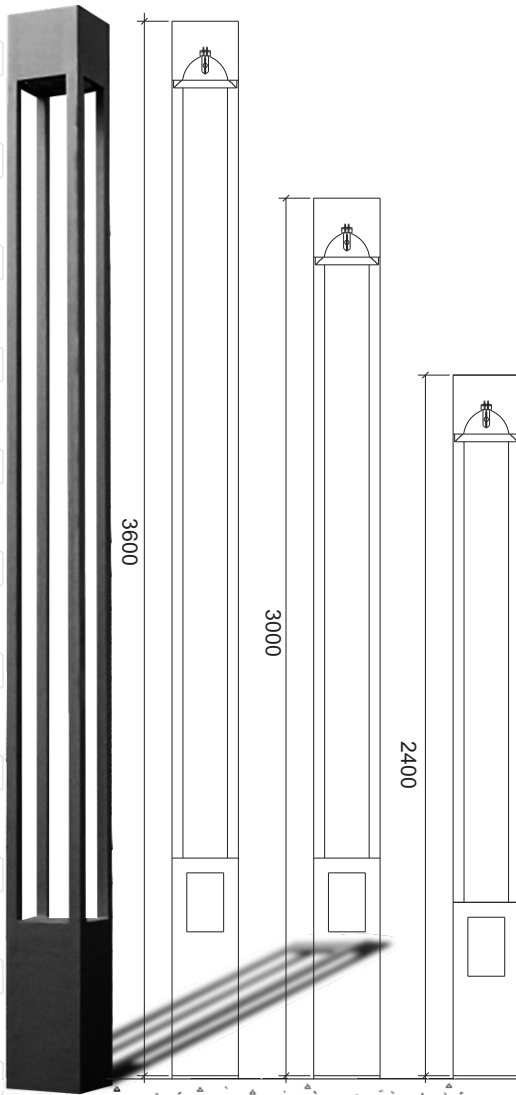
XXX





# NL-534-PT

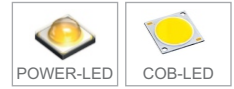
POST TOP LIGHTING



### APPLICATIONS



### LAMP SUITABILITY



### DIMENSIONS

#### Luminaire

Width 225mm	Length 225mm	Available in Heights of 1800mm, 2400mm, 3000mm, 3600mm
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### ORDER CODE

LUMINAIRE CODE	LAMP TYPE	Watts
NL-534-PT-2401 PLED	24 x 1W Power LED	24W
NL-534-PT-30W-COB	30W COB LED	30W

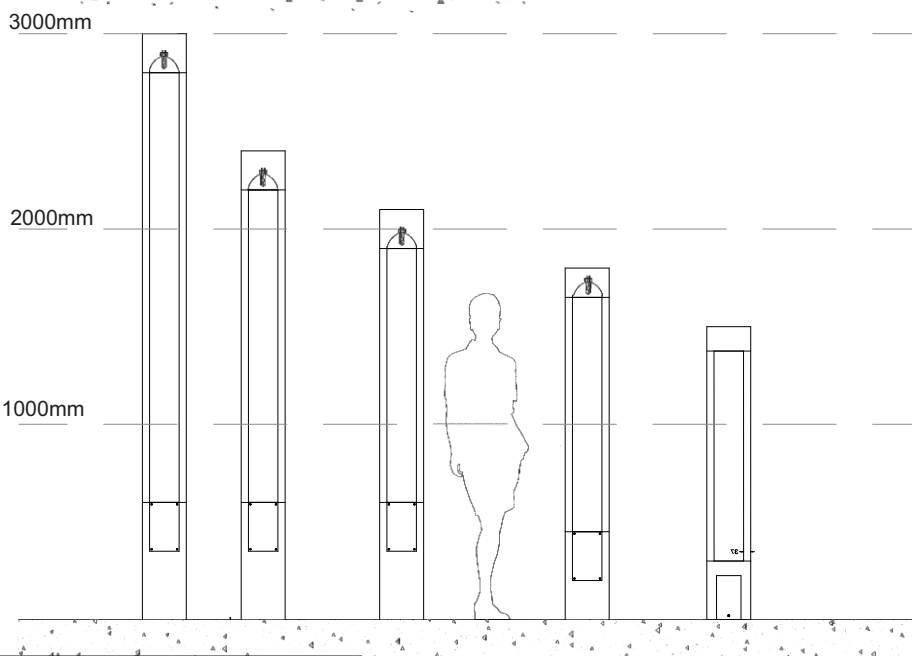
### LUMINAIRE DESCRIPTION

#### BOLLARD LUMINAIRE

**Housing:** NOVA Luminaire comprises of extruded & Multiple compartments of Aluminum housing fabricated to high precision using *AiNL unique fabrication technique*. Heavy duty all weather tough body. An *AiNL* primary reflector is provided for wide beam distribution. Heat Resistant toughened glass clear diffuser, built in optical control devices, SS allen head screws. Duly fabricated and precision finished. The housing is fine surface finished and painted with PU based automotive paint for extended lifetime performance.

**Electrical Component:** Power Supply comprises of AC-DC / DC-DC, Constant Current / Constant Voltage Solid State Electronic Driver with precise current / Voltage Control , Wide Operating Voltage Range, Short Circuit / Open Circuit, High Voltage / Surge Protection, Thermal Cut Off Protection for extended life time performance.

**Optical Component:** Comprises of a Primary Internal *AiNL* Spun Aluminum Reflector/ High Efficiency *AiNL* Lens( For LED Lamps).



### MOUNTING SUITABILITY

FLOOR STANDING ON PCC PEDESTAL

### INGRESS PROTECTION

IP RATING: IP65



### NOTE

XXX



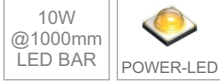
# NL-537-Tringular Post Top



## APPLICATIONS



## LAMP SUITABILITY



## DIMENSIONS

### Luminaire

Available in Heights of 2000mm, 2400mm, 3000mm, 3600mm	Luminaire Width 300mm	Luminaire Triangular length 263mm
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## ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-537-70MH-__mm	70W Metal Halide Lamp	Wide Symm	70W
NL-537-3-28T5-__mm	3 Nos. x 28W T5 Lamp	Wide Symm	84W
NL-537-3-1001LEDBAR-__mm	3 Nos. x 10W LED BAR	Wide Symm	30W

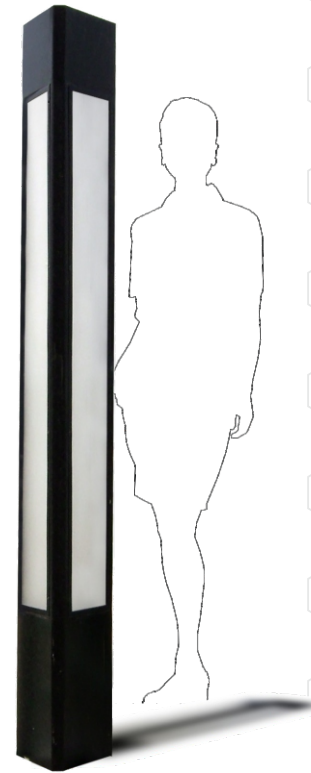
## DESCRIPTION LUMINAIRE

### DECORATIVE LANDSCAPE LUMINAIRE

**Housing:** NOVA make Sheet Steel / Aluminum housing, duly fabricated by Unique AiNL Fabrication Method and precision finished. Surface finished and painted with PU based automotive paint. Sheet MS Base Plate for stability of the Luminaire. AiNL Frosted Acrylic Diffused sealed with silicon sealant for protection from insects and dust.

**Electrical:** Luminaire suitable for Metal Halide, Tube Light and LED bar for varied lighting application, consisting of a Integral Heavy duty AiNL Ballast, Electronic solid state Ignitor, PF Capacitor and lamp holder all duly wired and connected for metal halide operation. Electronic driver for tube light. AiNL Constant Current LED driver for LED BAR application.

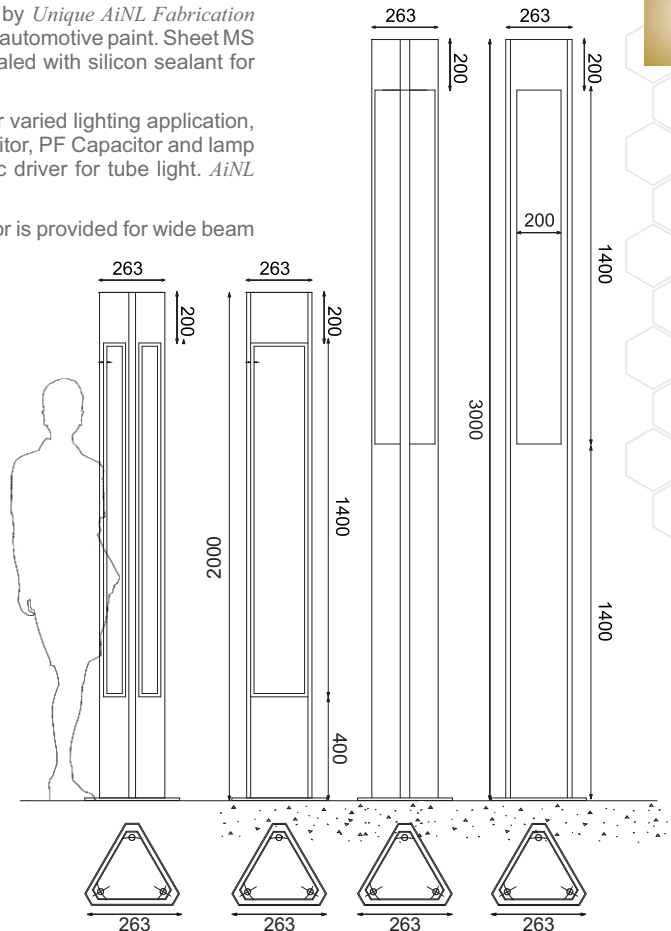
**Optical Compartment:** comprises of a high efficiency integral AiNL reflector is provided for wide beam distribution. AiNL Frosted acrylic diffusers provide glare free illumination.



POST TOP LIGHTING



Distribution





# NL-539Q

POST TOP LIGHTING



## APPLICATIONS



## MOUNTING SUITABILITY

FLOOR STANDING ON PCC PEDESTAL

## LAMP SUITABILITY



## INGRESS PROTECTION

IP RATING: IP65

## DIMENSIONS

### Luminaire

Length x Width  
200mmx200mm

Offered Heights  
1200mm,1800mm  
2400mm,3000mm,3600mm

## ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-539Q-40W-MLED	40W - MID POWER LED	Omni Direct	40W

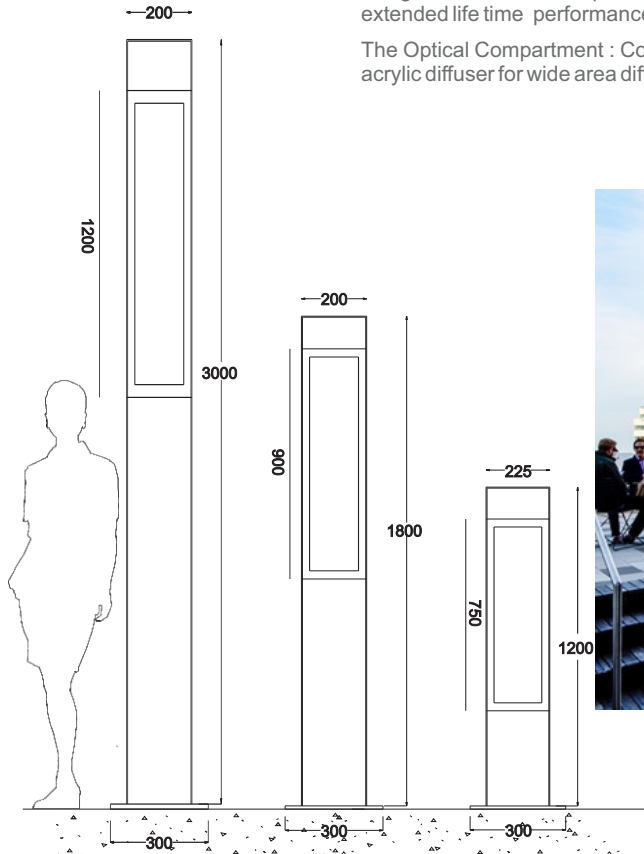
## LUMINAIRE DESCRIPTION

### DECORATIVE LANDSCAPE LUMINAIRE

**Housing:** NOVA make Luminaire comprises heavy duty MS/Aluminum housing , duly fabricated by *Unique AiNL Fabrication* method and precision finished. The housing is fine surface finished and painted with PU based automotive paint for extended lifetime performance. *AiNL* Frosted Acrylic Diffuser with mounting frame for overall uniform distribution. Silicon Sealant across the length of frosted diffuser for protection from insects and dust entry into the fixture.

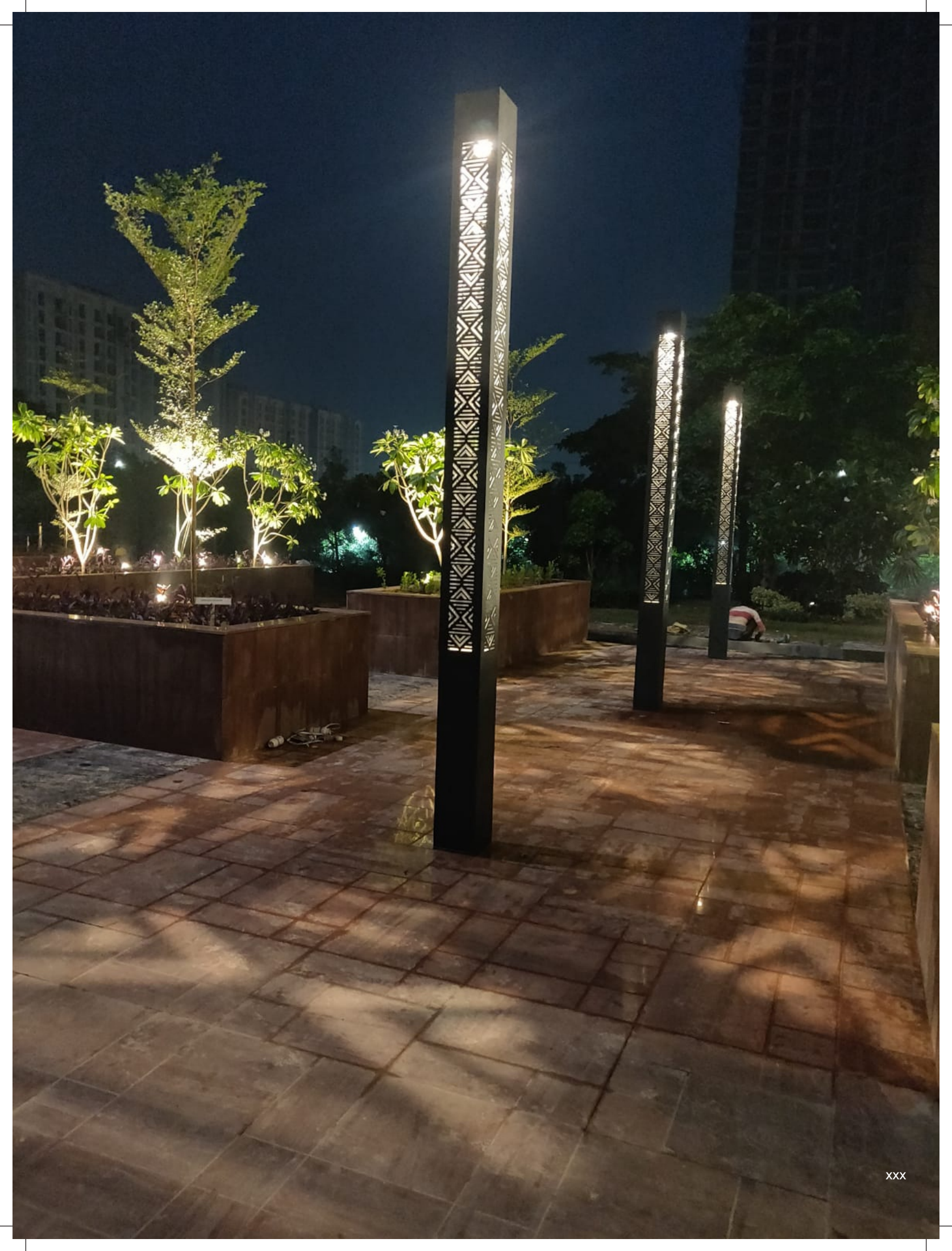
**Electrical Compartment:** Power Supply comprises of AC-DC / DC-DC, Constant Current / Constant Voltage Solid State Electronic Driver with precise current / Voltage Control , Wide Operating Voltage Range, Short Circuit / Open Circuit, High Voltage / Surge Protection, Thermal Cut Off Protection for extended life time performance. .

**The Optical Compartment :** Comprises a high efficiency *AiNL* anodized aluminum reflector with frosted acrylic diffuser for wide area diffused symmetric lighting beam distribution.



## NOTE











# NL-534-3-GRL



## APPLICATIONS



## LAMP SUITABILITY



## DIMENSIONS

### Luminaire

Available in Heights of 450mm,600mm,900mm	Luminaire Width 225mm	Luminaire Length 225mm
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## ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-534-3-G-45W-MLED	45W-MID-POWER LED	Grill Formation	45W
NL-534-3-G-20W-PLED	20W-POWER LED	Grill Formation	20W
NL-534-3-G-5W-MLED	5W-MID LED	Grill Formation	5W

## DESCRIPTION

### POST TOP LUMINAIRE

**Housing:** *NOVA* trademarked Luminaire comprises of extruded & Multiple compartments of sheet metal housing fabricated to high precision. Aluminum, heavy duty all weather tough body. An auxiliary reflector is provided for wide beam distribution. Heat Resistant toughened glass clear diffuser, built in optical control devices, SS allen head screws. Duly fabricated and precision finished. The housing is *AiNL* fine surface finished and painted with PU based automotive paint for extended lifetime performance.

**Electrical Component:** Power supply comprises of AC-DC/DC-DC, Constant Current / Constant Voltage Solid State Electronic Driver with precise current / Voltage Control, Wide Operating Voltage Range, Short Circuit / Open Circuit, High Voltage / Surge Protection. Thermal Cut Off Protection for extended life time performance.

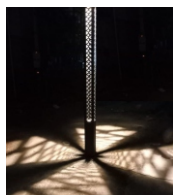
**Optical Compartment:** Comprises of a Primary Internal *AiNL* Spun Aluminum Reflector/ *AiNL* High Efficiency Lens for LED.

## PROTECTION

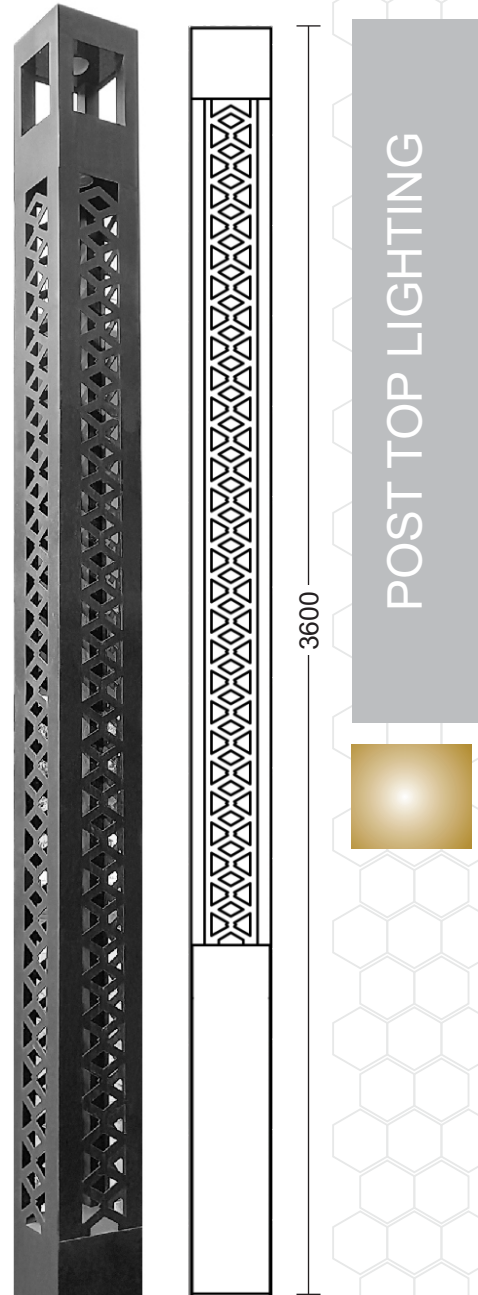
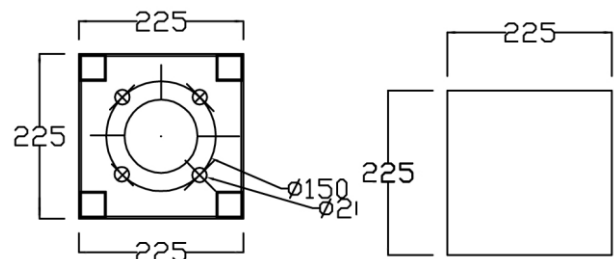
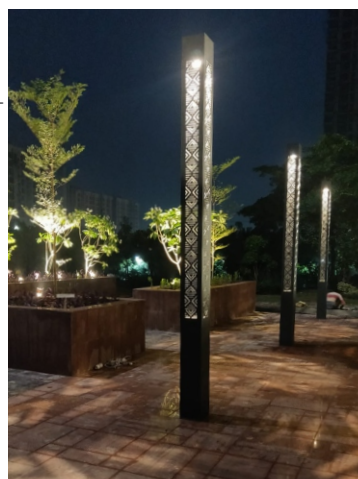
IP Rating: IP65  
IK Rating: IK07

## MOUNTING SUITABILITY

ON FLOOR-PCC LIGHT PEDESTAL



Distribution



## NOTE

Downward throw luminaire



# NL-534-GRL-3006-45W & - NL-516-4-20W

## APPLICATIONS



## LAMP SUITABILITY



## DIMENSIONS

### Luminaire

Available in Heights of  
600mm,900mm,1500mm

Luminaire  
Width  
225mm

Luminaire  
Length  
225mm

## ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-534-G-3006-45W-MLED	45W-MID-POWER LED	Grill Formation	45W
NL-516-4-20W-PLED	20W-POWER LED	Grill Formation	20W
NL-534-G-3006-5W-MLED	5W-MID LED	Grill Formation	5W

## DESCRIPTION

### POST TOP LUMINAIRE

**Housing:** NOVA trademarked Luminaire comprises of extruded & Multiple compartments of sheet metal housing fabricated to high precision. Aluminum, heavy duty all weather tough body. An auxiliary reflector is provided for wide beam distribution. Heat Resistant toughened glass clear diffuser, built in optical control devices, SS allen head screws. Duly fabricated and precision finished. The housing is *AiNL* fine surface finished and painted with PU based automotive paint for extended lifetime performance.

**Electrical Component:** Power supply comprises of AC-DC/DC-DC, Constant Current / Constant Voltage Solid State Electronic Driver with precise current / Voltage Control, Wide Operating Voltage Range, Short Circuit / Open Circuit, High Voltage / Surge Protection. Thermal Cut Off Protection for extended life time performance.

**Optical Component:** Comprises of a Primary Internal *AiNL* Spun Aluminum Reflector/ *AiNL* High Efficiency Lens for LED.

## PROTECTION

IP Rating: IP65  
IK Rating: IK07

## MOUNTING SUITABILITY

ON FLOOR-PCC LIGHT PEDESTAL

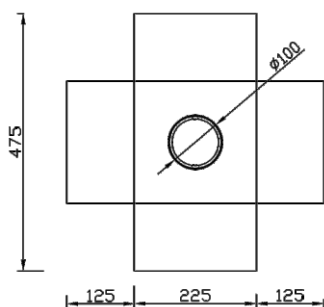
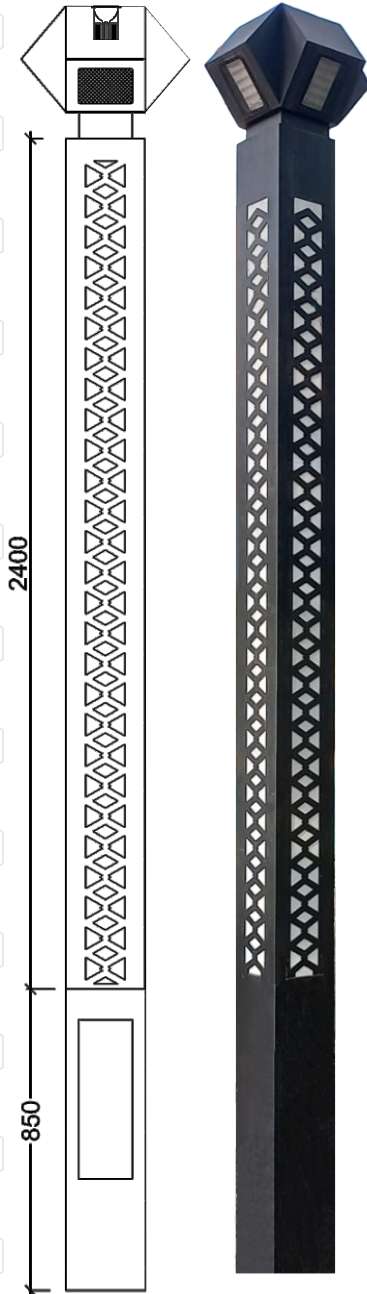


Distribution

## NOTE

Downward throw luminaire

POST TOP LIGHTING







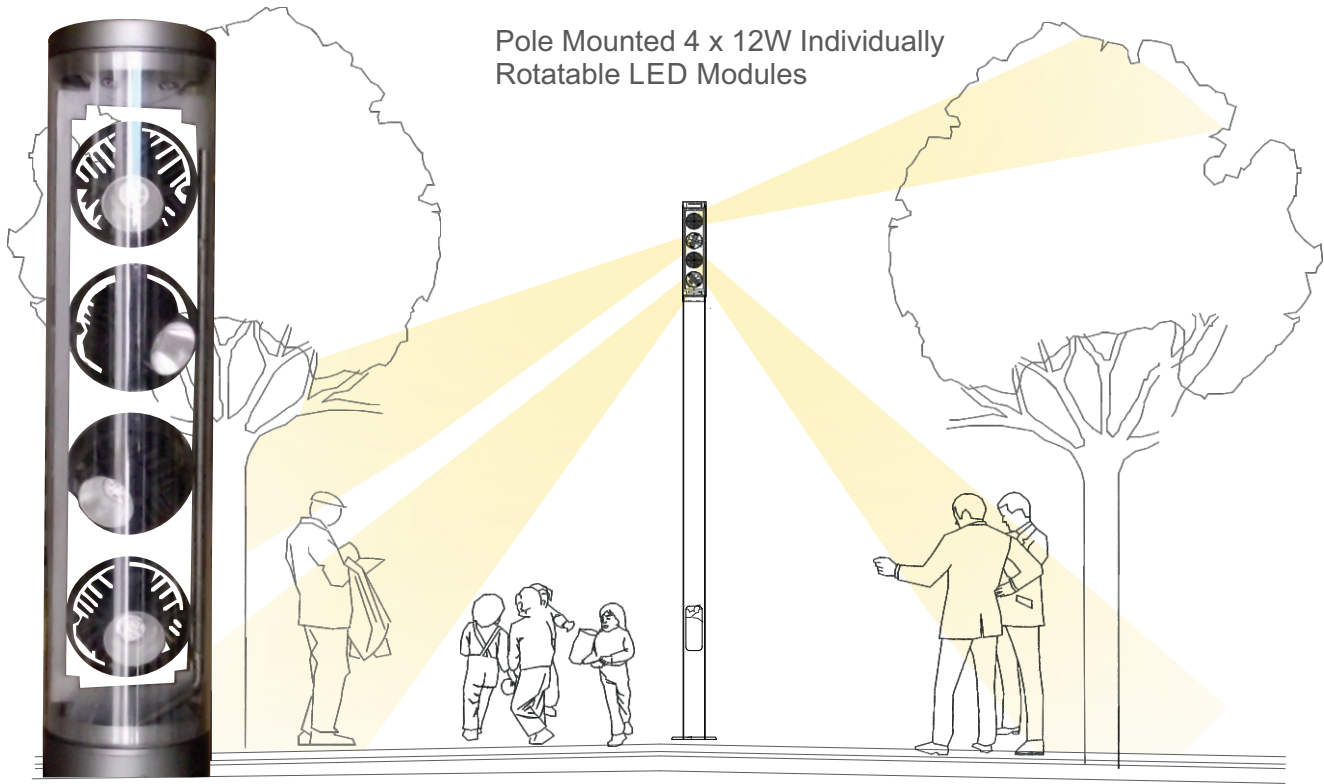


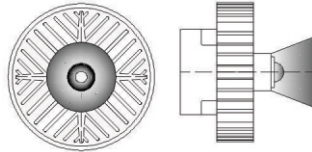
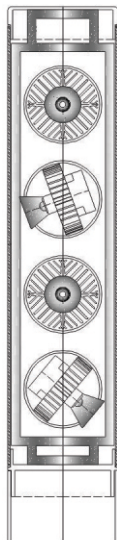
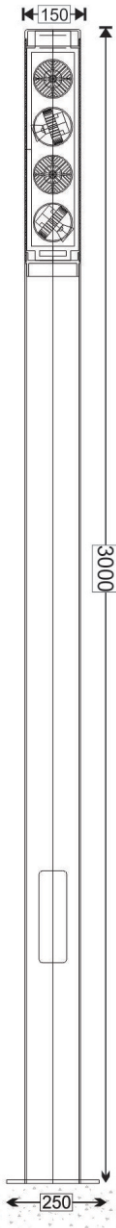




# NL-PLAZA-MF-4-12W

MULTI DIRECTIONAL PLAZA LUMINAIRE





## APPLICATIONS



## LAMP SUITABILITY



## DIMENSIONS

### Luminaire

Minimum Column Height 3000 -3600mm	Maximum Fixture Height 600mm	Diameter 150mm
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## ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-PLAZA-MF-4-8COB	4 x 8W-COB	Narrow/Medium/Wide	32W
NL-PLAZA-MF-4-12COB	4 x 12W-COB	Narrow/Medium/Wide	48W

## DESCRIPTION FIXTURE

### MULTI-DIRECTIONAL POST TOP SPOT LUMINAIRE

**HOUSING:** Plaza Multi Focus - area projector lighting luminaire - using the best advantages of COB based High Power LED lamps. Comprising extruded aluminium column dia 150mm-standard height 3000mm, with a 10 mm cast aluminium base plate for rigid mounting on a PCC pedestal. Modular Projector lighting unit comprises- cast aluminium support housings- top and bottom - solid bar aluminium support frame and heavy - thick clear acrylic uv stabilised- sparkling transparent -for undiffused throw. Multiple light engines with their own driver- projector - narrow/Medium/Wide beam optic - anodised aluminium reflector- high efficiency thermal - multi pronged heat sink for effective heat dissipation, ensuring strict tolerable junction temperature maintenance. Each optical projector unit- swivels in 180deg- Horizontal and 180 Deg- Vertical planes- providing the flexibility of application. Wide and Medium beam optics available on request for uniform post top illumination.

**ELECTRICAL COMPARTMENT:** Power Supply comprises of AC-DC / DC-DC, Constant Current / Constant Voltage Solid State Electronic Driver with precise current / Voltage Control , Wide Operating Voltage Range, Short Circuit / Open Circuit, High Voltage / Surge Protection, Thermal Cut Off Protection for extended life time performance.

**OPTICAL:** The optical compartment comprises consists anodized aluminum/plastic reflector of narrow/Medium/Wide beam distribution for variable lighting distribution.

## DESCRIPTION-COLUMN

Lighting Column made of 10 swg MS pipe sections , duly machined , welded and stress relieved for long service life. Column is provided with a heavy Base plate duly welded and provided with ornamental welded rib or triangular rib supports for stability. An integral Junction Chamber is provided along with a 6 Amps SP MCB and 4 way 10 sq mm connector block. Column and luminaire are fine finished and painted with long lasting PU based automotive paint SP MCB and 4 way 10 sq mm connector block. Column and luminaire are fine surface finished , primered , buffed and painted with PU based automotive paint to ensure long service life.

## APPLICATIONS

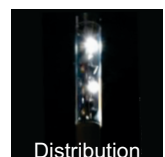
MALLS PLAZA - SHOPPING CENTRE ATRIUM - FOOD COURT INTERIOR - EXTERNAL PATHWAY LIGHTING IN LANDSCAPES - SCHOOLS - HOSPITALITY - HEALTH CARE FACILITIES - CAR PARK LIGHTING - GATE LIGHTING

## MOUNTING SUITABILITY

FLOOR MOUNTED POLE LUMINAIRE  
PCC FOUNDATION

## PROTECTIONS

IP Rating: IP65  
IK Rating: IK08





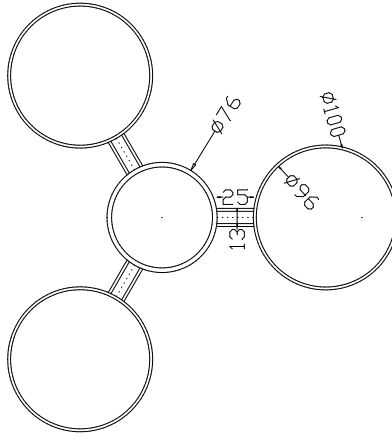
# NL-549



## APPLICATIONS



## LAMP SUITABILITY



## DIMENSIONS

### Luminaire

Available in Heights of 2000mm, 2400mm, 3000mm, 3600mm	Each Pipe Diameter 114mm	Each Pipe Length 450mm
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## ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-549-3P26	3 x 26W E27 CFL Lamp	Wide Symm	78W
NL-549-3-701PLED	3 x 7W Power LED	Wide Symm	25W
Suggested Coulmn Height		3000mm - 4500mm	

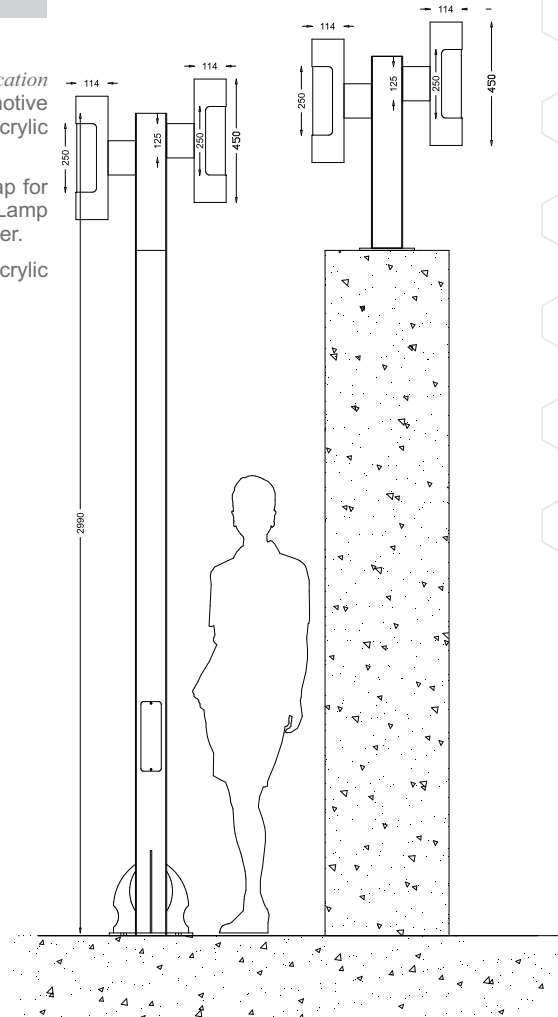
## LUMINAIRE DESCRIPTION

### DECORATIVE LANDSCAPE LUMINAIRE

**Housing:** NOVA make Aluminum housing, duly fabricated by unique AiNL fabrication Method and precision finished. Surface finished and painted with PU based automotive paint. Cast Aluminum Base Plate for stability of the Luminaire. AiNL Frosted Acrylic Diffused sealed with silicon sealant for protection from insects and dust.

**Electrical:** Luminaire suitable for Power LED & E27 Base self Ballasted CFL Lmap for varied lighting application, consisting of a Integral Electronic solid state CFL Lamp .Electronic driver for Mid Power LED driven AiNL approved Constant Current LED driver.

**Optical Compartment:** Comprises of a high efficiency integral AiNL Frosted acrylic diffusers provide glare free illumination



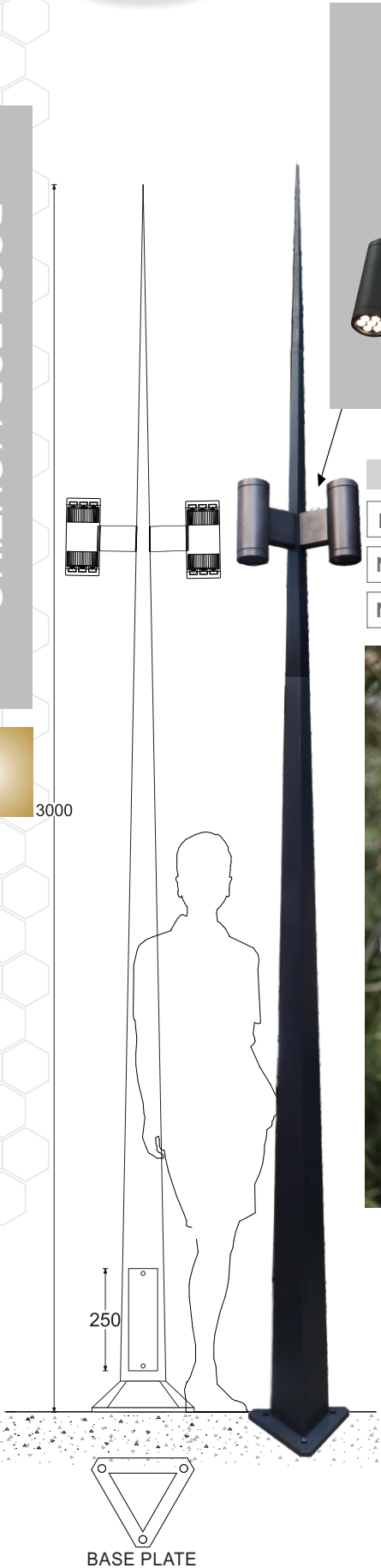
POST TOP LIGHTING

## NOTE



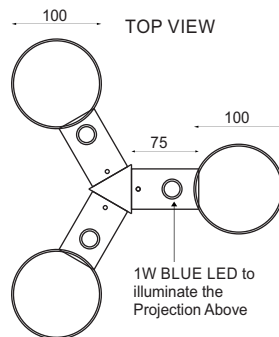
# NL-TRIANGLE-3-883B-701PLED

POST TOP LIGHTING



## ORDER CODE

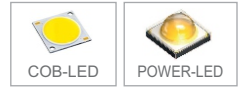
LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-TRIANGLE-3-883B-701PLED-WW	POWER LED	60°	21W
NL-TRIANGLE-3-883B-10 COB	POWER LED	120°	30W



## APPLICATIONS



## LAMP SUITABILITY



## PROTECTIONS

IP Rating: IP65  
IK Rating: IK08

## DIMENSIONS

### Luminaire

Minimum Column Height 2500mm-3000mm	Maximum Diameter 550mm
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## DESCRIPTION FIXTURE

### TRIANGULAR PLAZA POST TOP SPOT LUMINAIRE

**Housing:** NOVA make Luminaire comprises aluminum housing for a heavy duty all weather tough body. Heat Resistant toughened glass clear diffuser covered with Silicon gasket and sealant for Protection from dust and insects, built in optical control devices, SS allen head screws. Duly fabricated and precision finished *AiNL Fabrication technique*. The housing is fine surface finished and painted with PU based automotive paint for extended lifetime performance. Secondary Stainless Steel Fixture with 1W Coloured LED for decorative illumination of top spire.

**Electrical Component:** Power Supply comprises of AC-DC / DC-DC, Constant Current / Constant Voltage Solid State Electronic Driver with precise current / Voltage Control, Wide Operating Voltage Range, Short Circuit / Open Circuit, High Voltage / Surge Protection, Thermal Cut Off Protection for extended life time performance.

**Optical Component:** High Efficiency LED lenses for best lighting application using the variety of lenses.

## DESCRIPTION-COLUMN

**Triangular Column:** NOVA make Decorative Triangular Lighting Column made of Aluminum sheet sections, duly welded, machined and grinded using *AiNL Fabrication technique* to provide the conical form and stress relieved for long service life. Triangular Column is provided with a heavy Base plate duly welded for stability. An integral Junction Chamber is provided along with a 6 Amps SP MCB and 4 way 10 sq mm connector block. Column and luminaire are fine finished and painted with long lasting PU based automotive paint SP MCB and 4 way 10 sq mm connector block. Column and luminaire are fine surface finished, primed, buffed and painted with PU based automotive paint to ensure long service life.

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# NL-5160-PT



## APPLICATIONS



## LAMP SUITABILITY



COB-LED

## DIMENSIONS

### Luminaire

Column Height 3000mm - 4500mm	Luminaire Diameter 150mm	Luminaire Height 650mm
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## ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-5160-PT-1-20W-COB	20W COB LED	Omni Directional	20W
NL-5160-PT-2-40W-COB	40W COBLED	Omni Directional	40W

## DESCRIPTION FIXTURE

### POST TOP LUMINAIRE

**HOUSING:** NOVA make Luminaire comprises heavy Aluminum housing, duly fabricated by *AiNL Fabrication technique* and precision finished. The housing is fine surface finished and painted with PU based automotive paint for extended lifetime performance. Heat resistant toughened Acrylic diffuser mounted through insect resistant gasket & silicon sealant.

**ELECTRICAL:** Component: Power Supply Comprises of AC-DC / DC-DC / Constant Current / Constant Voltage Solid State Electronic Driver With Precise current / Voltage Control , Wide Operating Voltage Range Short Circuit , High Voltage / Surge Protection , Thermal Cut off Protection for extended life time performance.

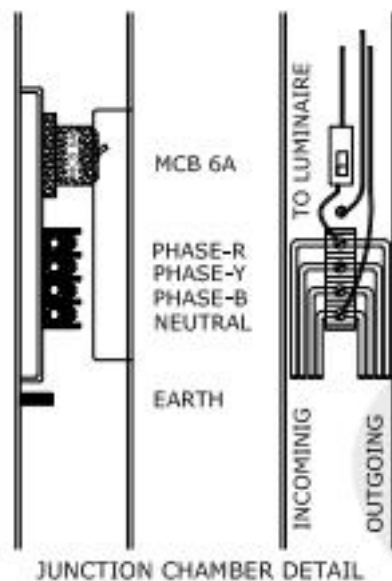
**OPTICAL:** The Optical Compartment comprises a *AiNL* high efficiency indirect reflector for wide beam distribution & *AiNL* Louvers to reduce glare.

## MOUNTING

Mild Steel:  $\varnothing 114$  Dia  
Aluminum:  $\varnothing 150$  Dia

## PROTECTION

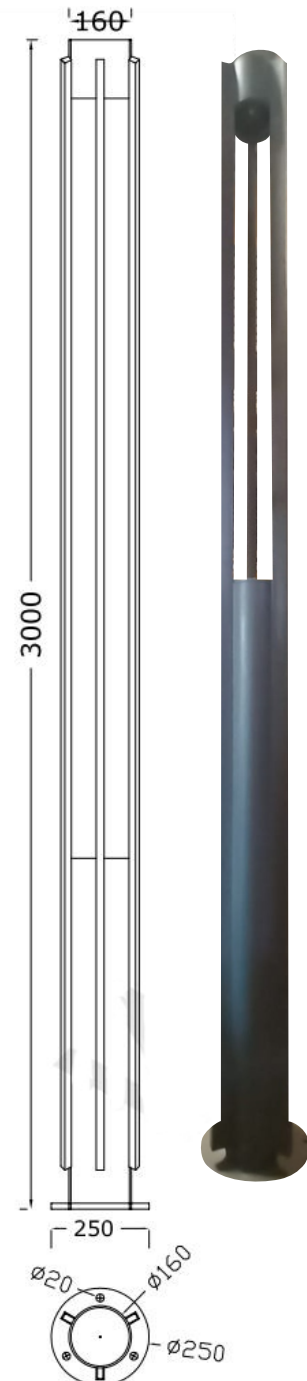
IP Rating: IP56  
IK Rating: IK07



JUNCTION CHAMBER DETAIL



Fixture with Clear Diffuser & Glare Control Louvers



POST TOP LIGHTING





**APPLICATIONS**



**LAMP SUITABILITY**



**PROTECTIONS**

IP Rating: IP56

**DIMENSIONS**

**Luminaire**

DIA 520mm	Height 520mm
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**ORDER CODE**

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
<b>NL-SCH-5381</b>			
NL-SCH-5381-70MLED	70W MLED	Direct	70W
NL-SCH-5381-36POWER	36W POWER LED	Direct	36W
NL-SCH-5381-30COB	30W COB LED	Direct	30W

**DESCRIPTION FIXTURE**

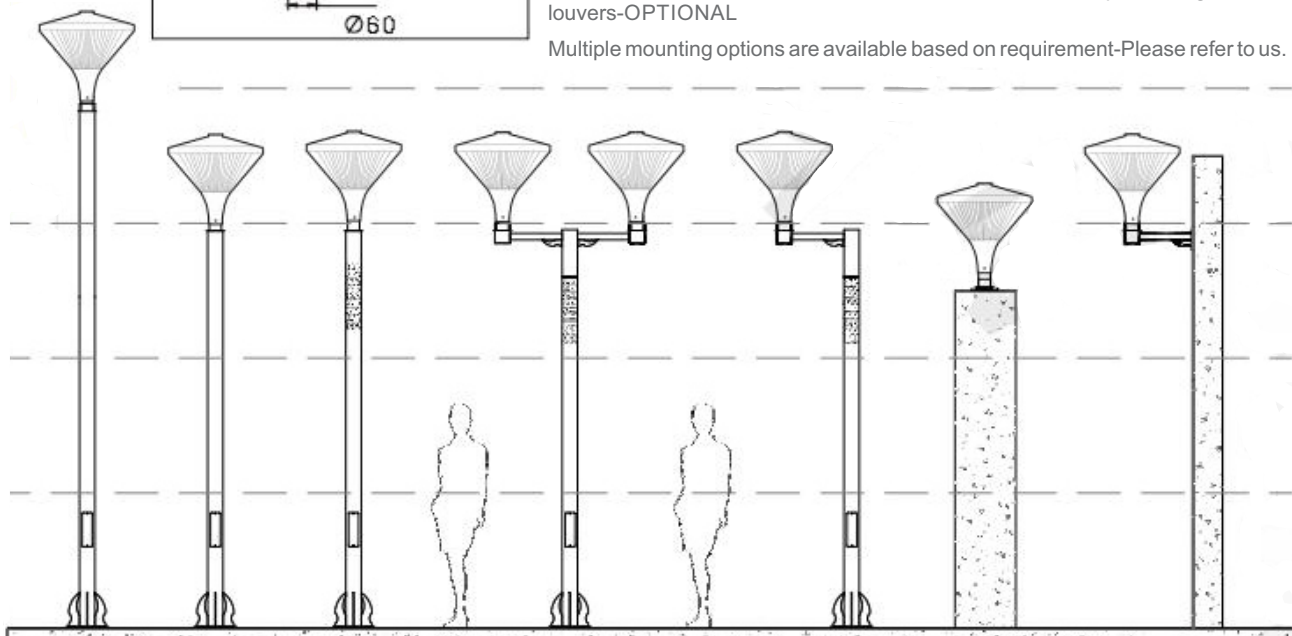
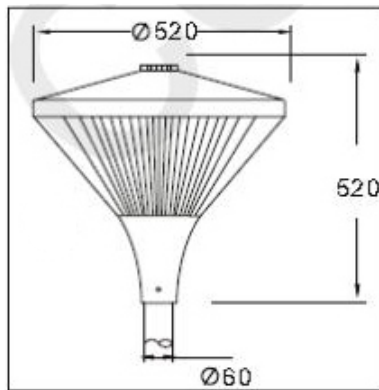
**POST TOP LUMINAIRE**

**HOUSING:** NOVA Luminaire comprises heavy Aluminum housing, precision finished. The housing is *AiNL* fine surface finished and painted with PU based automotive paint for extended lifetime performance. Top Canopy made off Spun Aluminum for long life. Heat resistant toughened POLYCARBONATE diffuser mounted though insect resistant gasket & silicon sealant.

**ELECTRICAL COMPONENT:** Integral control gear comprising heavy duty *AiNL* ballast, electronic Ignitor, PF Capacitor and lamp holder all duty wired for MH & high efficiency *AiNL* constant current LED driver for LED & COB.

**OPTICAL:** The optical compartment comprises a high efficiency *AiNL* reflector for wide beam distribution for Metal Halide, LED and COB Lamps - *AiNL* glare control louvers-OPTIONAL

Multiple mounting options are available based on requirement-Please refer to us.





# NL-SCH-5382



## APPLICATIONS



## LAMP SUITABILITY



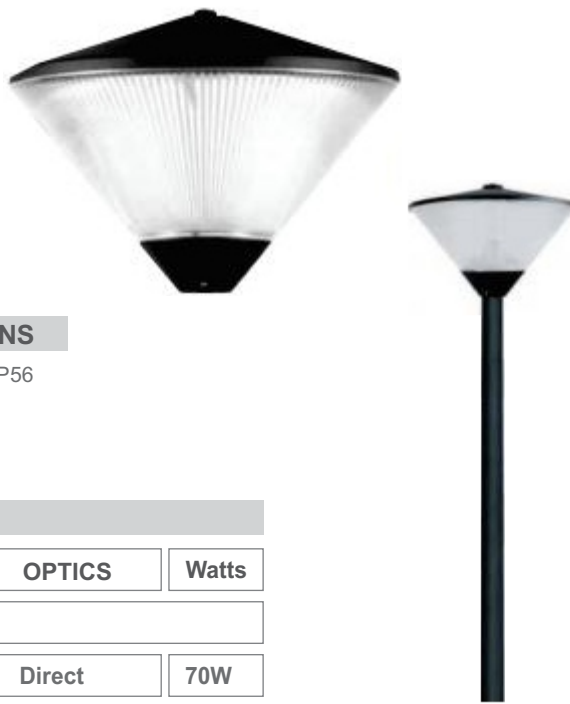
## DIMENSIONS

### Luminaire

DIA 520mm	Height 520mm
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## PROTECTIONS

IP Rating: IP56



## ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-SCH-5382			
NL-SCH-5382-70MLED	70W MLED	Direct	70W
NL-SCH-5382-36POWER	36W POWER LED	Direct	36W
NL-SCH-5382-30COB	30W COB LED	Direct	30W

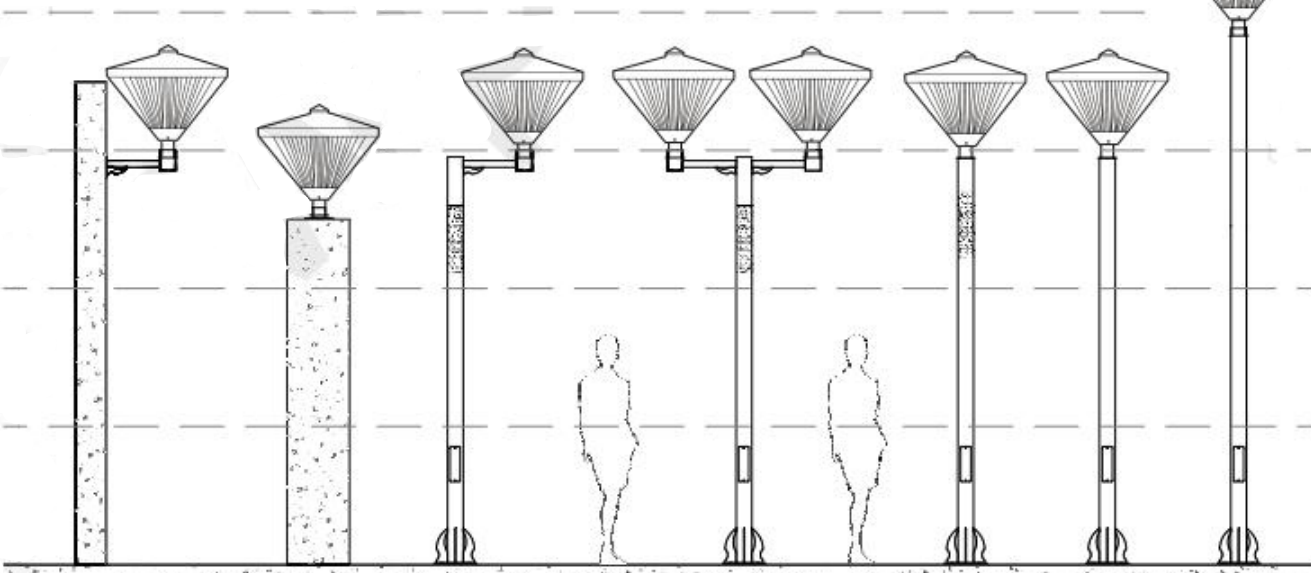
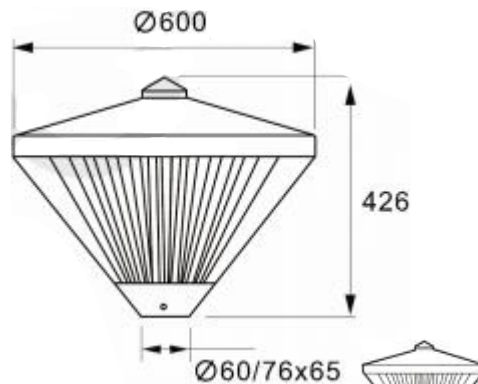
## DESCRIPTION FIXTURE

### POST TOP LUMINAIRE

**HOUSING:** NOVA Luminaire comprises heavy Aluminum housing, precision finished. The housing is AiNL fine surface finished and painted with PU based automotive paint for extended lifetime performance. Top Canopy made off Spun Aluminum for long life. Heat resistant toughened POLYCARBONATE diffuser mounted though insect resistant gasket & silicon sealant.

**ELECTRICAL:** Integral control gear comprising heavy duty AiNL ballast, electronic Ignitor, PF Capacitor and Lamp holder all duty wired for high efficiency AiNL constant current LED driver for LED & COB.

**OPTICAL:** The optical compartment comprises a high efficiency AiNL reflector for wide beam distribution for Metal Halide, LED and COB.



POST TOP LIGHTING





### APPLICATIONS



### LAMP SUITABILITY



### DIMENSIONS

#### Luminaire

Max. Ht. 3200mm	Max. Dia. 900mm
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### ORDER CODE

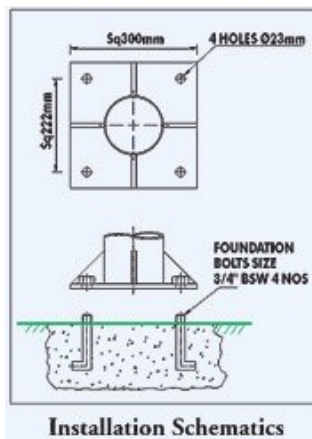
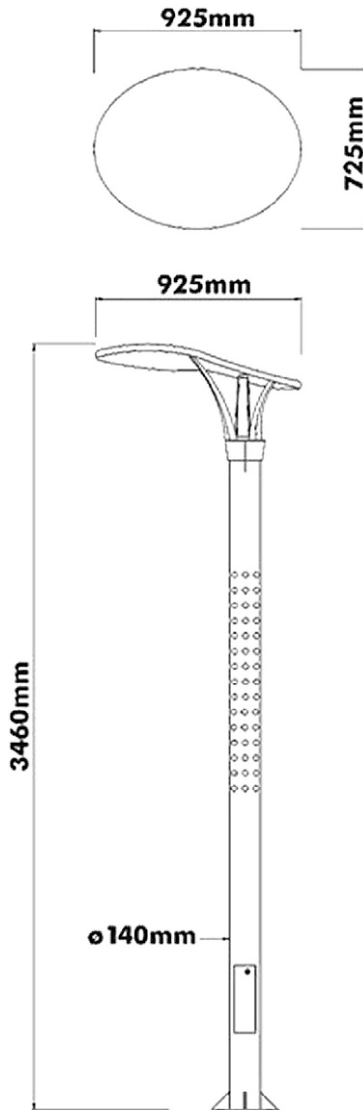
LUMINAIRE CODE	LAMP TYPE	CCT	OPTICS
NL-5899-PT-30W PLED	30W-PLED+30W-MLED	3K/4K/6K	Wide
NL-5899-PT-45W PLED	45W-PLED+30W-MLED	3K/4K/6K	Wide
NL-5899-PT-30W COB	30W-COB LED+30W-MLED	3K/4K/6K	Wide
NL-5899-PT-45W COB	45W-COB LED+30W-MLED	3K/4K/6K	Wide

### DESCRIPTION FIXTURE

'NOVA' Column mounted - Post Top Luminaire.  
With DIRECT -INDIRECT distribution for aesthetics and high performance.  
Made from MS pipe section, with Fibre Resin Cast Thermoplastic reflector and Canopy.  
Heat Resistant toughened glass diffuser for LED enclosure.

Additional Perforated apertures with opal acrylic diffuser - housing Mid Power LED - Lighting module.

**ELECTRICAL :** Power supply comprises of AC-DC / DC-DC, Constant Current / Constant Voltage Solid State Electronic Driver with precise current / voltage control , Voltage Range 190 VAC to 270 VAC, Short Circuit /Open Circuit , High Voltage / Surge Protection , Thermal Cut Off Protection for extended life time performance.



### MOUNTING SUITABILITY

ON PEDESTAL WITH FOUNDATION

### PROTECTION CLASS

IP-65-IK07



# NL-517-30COB



## APPLICATIONS



## LAMP SUITABILITY



COB  
LED

## DIMENSIONS

### Luminaire

Max.Ht.  
450mm

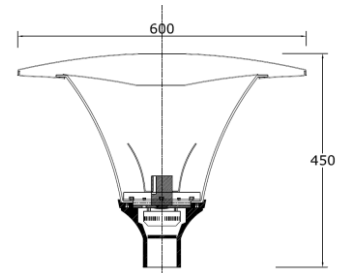
Max.Dia.  
600mm

## ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS
NL-517-30W COB	30W- COB LED	Symmetrical
NL-517-40W COB	40W- COB LED	Symmetrical

## DESCRIPTION FIXTURE

Luminaire is completely sealed with bottom maintenance for operator ease. Under controlled temperature under extreme conditions. COB LED is directly mounted on heavy duty LED grade aluminium bar ensuring operation high voltage- low voltage- thermal - atmospheric surge protectors. The body incorporates the hub as well as the integral control gear - with short circuit- Diffuser is made from heavy gauge - transparent acrylic- with UV protection against non yellowing. Made from heavy duty cast aluminium body and square aluminium top canopy. With DIRECT and INDIRECT distribution for aesthetics and high performance.



POST TOP LIGHTING

## MOUNTING SUITABILITY

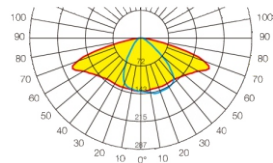
ON COLUMN-SOCKET DIA 60MM

## PROTECTION CLASS

IP-65



Distribution



Max beam distribution : 120 deg- wide area coverage

## NOTE

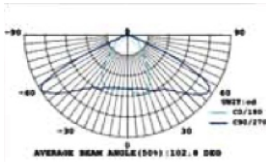
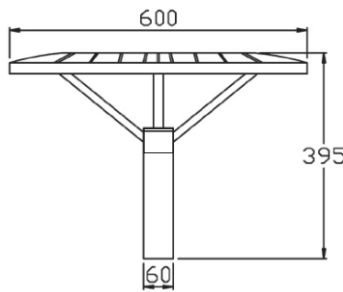
NOVA also manufactures - fine finished PU coated matching poles for the luminaires





# NL-594-PT

POST TOP LIGHTING



### APPLICATIONS



### LAMP SUITABILITY

MID POWER LED



### DIMENSIONS

#### Luminaire

Max.Ht. 450mm

Max.Dia. 600mm

### ORDER CODE

LUMINAIRE CODE	LAMP TYPE	CCT	OPTICS
NL-594-PT-30W MLED	30W- MID POWER LED	3000K	Symmetrical
NL-594-PT-30W MLED	30W- MID POWER LED	4000K	Symmetrical
NL-594-PT-30W MLED	30W- MID POWER LED	6500K	Symmetrical
NL-594-PT-45W MLED	45W- MID POWER LED	3000K	Symmetrical
NL-594-PT-45W MLED	45W- MID POWER LED	4000K	Symmetrical
NL-594-PT-45W MLED	45W- MID POWER LED	6500K	Symmetrical

### DESCRIPTION FIXTURE

'NOVA' 'Column mounted - Post Top luminaire. With DIRECT distribution for aesthetics and high performance. Made from heavy duty cast aluminium body. Diffuser is made from heavy gauge - transparent high impact acrylic- with UV protection against non yellowing. The body incorporates the hub as well as the Integral control gear- with - short circuit - open circuit- high voltage- low voltage- thermal - atmospheric surge protections . MID POWER LED is directly mounted on heavy duty LED grade solid cast aluminium housing through MCPCB- ensuring operation under controlled temperature under extreme conditions. Luminaire is completely sealed with bottom maintenance for operator ease..Max beam distribution : 120 deg- wide area coverage

### MOUNTING SUITABILITY

ON COLUMN-SOCKET DIA 60MM

### PROTECTION CLASS

IP-65



Distribution

Distribution

### NOTE

NOVA also manufactures - fine finished PU coated matching poles for the luminaires



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