

NL-MULTI SPOT - CUSTOMIZED

Multiple fixture mounting on single pole



APPLICATIONS



FIXTURE & LAMP SUITABILITY

Suitable for Spot, Flood & Street Lights using Metal Halide, Sodium Vapour and LED Lamps

DIMENSIONS

Luminaire

POLE CLAMPS Suitable for mounting on 165mm, 114mm, 89mm & 76mm Pole Diameter

Water Proof Cable Gland Access at 500mm & 1000mm

INGRESS PROTECTION

IP RATING for wire entries: IP65

ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts		
Mounting Option: 3000mm - 4000mm Height Pole					
NL-JI-1565-1201PLED	12x1W Power LED Lamp	7°,15°,24°,36°,45°	14W		
Mounting Option: 4000mm - 5000mm Height Pole					
NL-JOLLY-2401PLED	24 x 1W Power LED Lamp	7°,15°,24°,36°,45°	26W		
Column Mounting Suitability					
3Meter Pole	4Meter Pole	5Meter Pole	6Meter Pole	7Meter Pole	7.5Meter Pole



NOTE

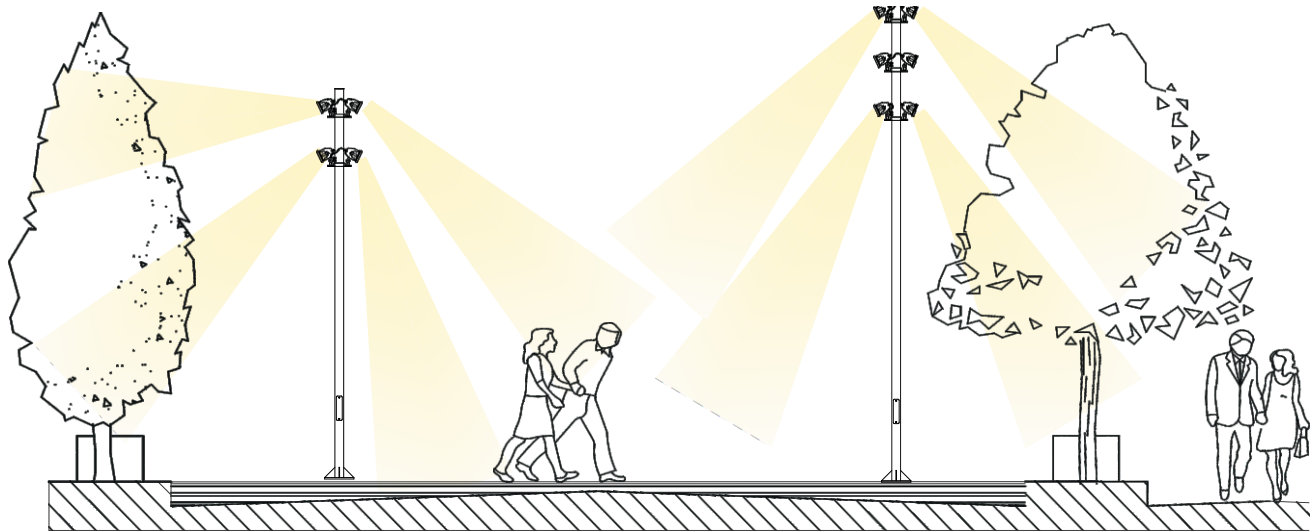
- Luminaire is offered SEPARATLY as well as with coordinated decorative column. Please specify your requirement.
- Foundation J Bolts not included along with the Street Lighting Column.



NL-MULTI SPOT - CUSTOMIZED

Multiple fixture mounting on single pole

STREET / AREA LIGHTING



ORDERING METHOD

Quantity of Spots x Luminaire Code + POLE HEIGHT

Example

- 6 x NL-JLY-40COB + 6mts Pole
- 4 x NL-JI-1565-1201PLED + 4mts Pole
- 4 x NL-JLY-2401PLED + 4mts Pole
- 2 x NL-JI-6888-1202PLED + 3mts Pole
- 3 x NL-FAD-150W-MLED + 6mts Pole
- 2 x NL-FAD-TRF-60-2-PLED+9 mts Pole

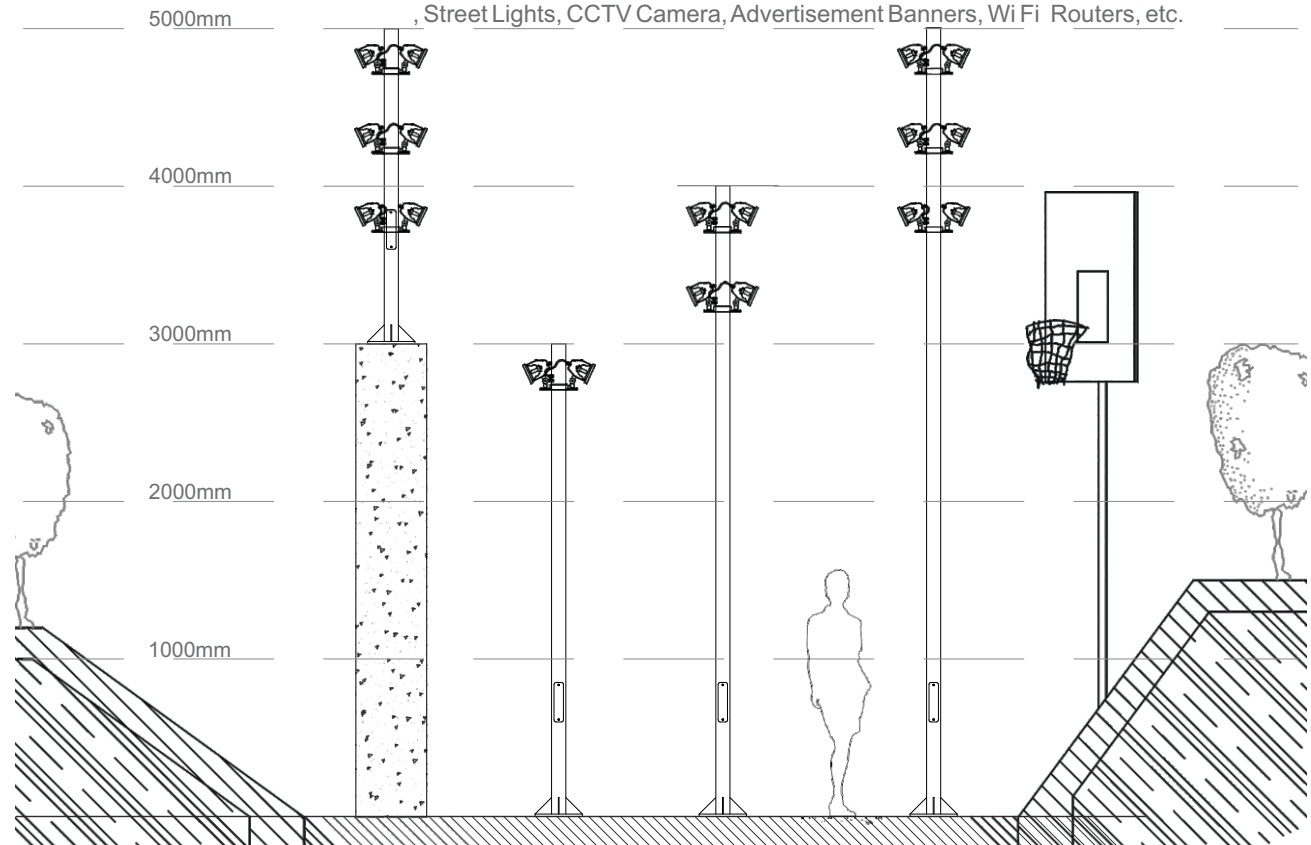
DESCRIPTION COLUMN

LIGHTING COLUMN

NOVA make Lighting Column made of 10 swg MS pipe section in single length of 165mm, 114mm, 089mm, 076mm of single length or stepped pole using various combination of above pipe lengths for variable height required., 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 welded supports for stability. An integral junction Chamber is provided along with a 6 Amps SP MCB and 4 way 10 sq mm connector block.

Automotive PU Paint: Column and luminaire are fine finished and *AiNL* method painted with long lasting PU based automotive paint.

MOUNTING CLAMPS: NOVA make Luminaire provided with mounting clamps for pipe of 165mm, 114mm, 089mm, 76mm Pole Diameter for fixture of Spot Lights, Flood Lights, Street Lights, CCTV Camera, Advertisement Banners, Wi Fi Routers, etc.



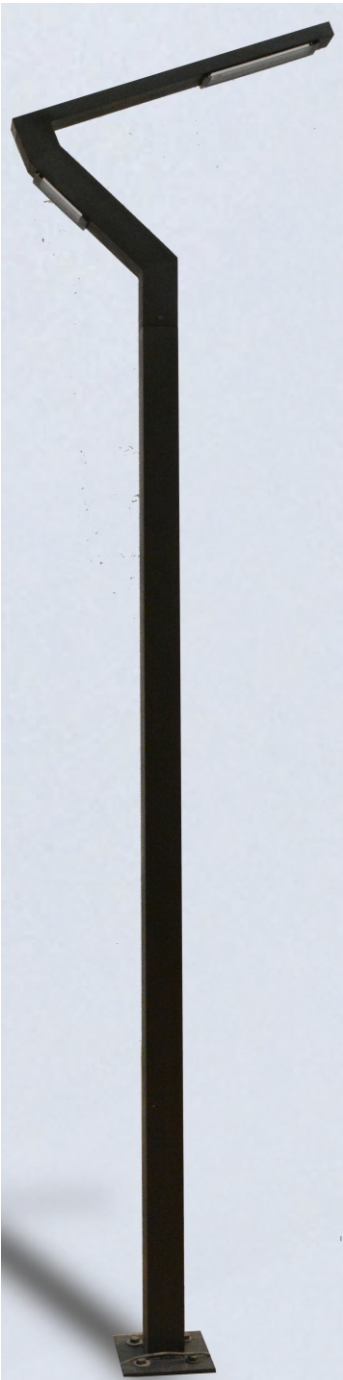
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NL-5359

STREET / AREA LIGHTING



APPLICATIONS



LAMP SUITABILITY



PROTECTION

IP RATING: IP65

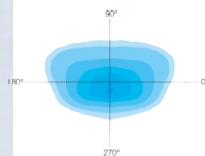
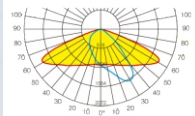
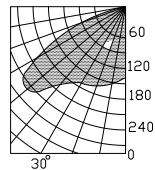
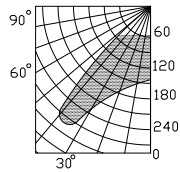
DIMENSIONS

Luminaire

Suggested Column Height: 3000mm - 7500mm	Luminaire Width 100mm	Luminaire Depth 45mm	Decorative Arm 1000mm
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ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
Single Side Throw			
NL-5359-1-3601PLED	36 Power LED	T2-T3 OPTICS	30W
NL-5359-1-6001PLED	60 Power LED	T2-T3 OPTICS	60W
Double Side Throw			
NL-5359-2-6001PLED-3001PLED	60W Primary Luminaire 30W Secondary Luminaire	T2-T3 OPTICS	30W
NL-5359-2-4501PLED-2401PLED	45W Primary Luminaire 24W Secondary Luminaire	T2-T3 OPTICS	60W



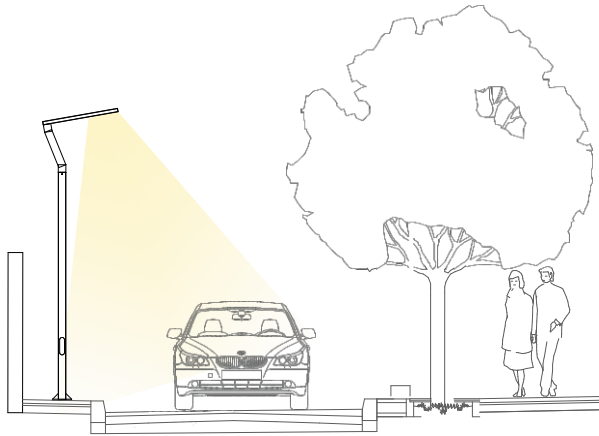
Project: Visual Render

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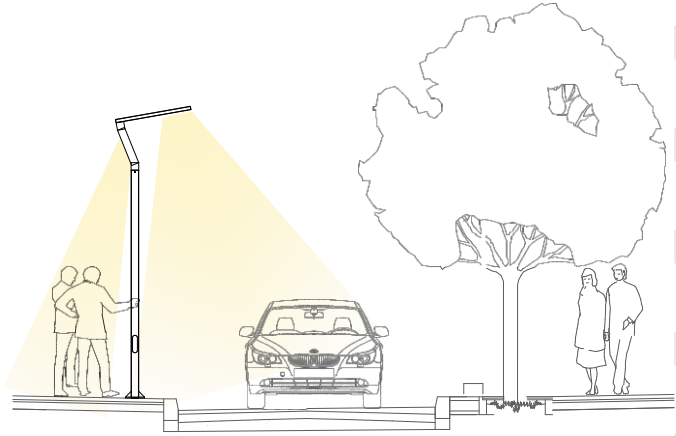
NL-5359



Single Side Distribution



Double Side Distribution



LUMINAIRE DESCRIPTION

DECORATIVE LANDSCAPE LUMINAIRE

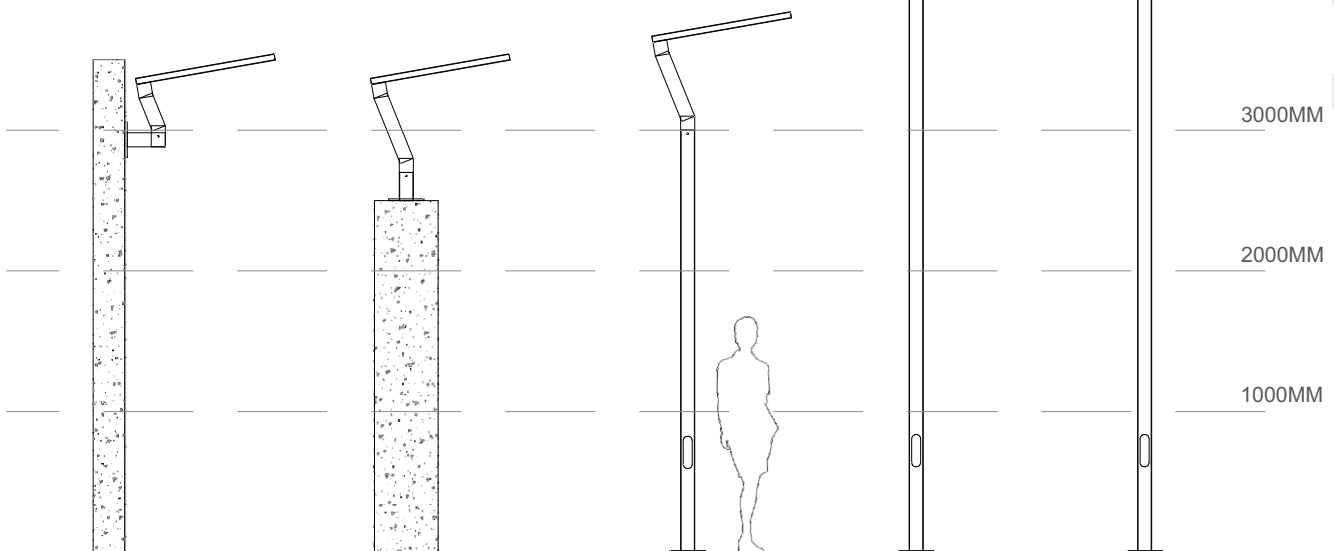
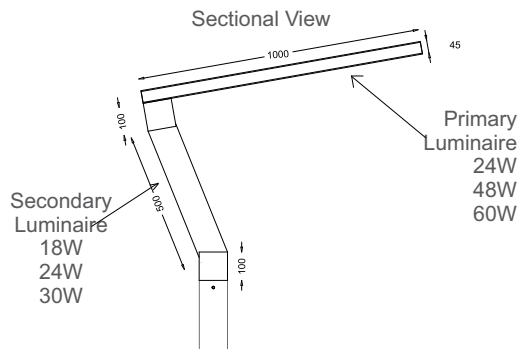
Housing: NOVA make Luminaire comprises multiple compartment heavy extrusion aluminum AiNL housing, AiNL clear diffuser through insect resistant EPDM gasket with silicon sealant for Ingress Protection from Insects, Dusts and Water.

Electrical Compartment : Power supply comprises of AC-DC / DC-DC, Constant Current / Constant Voltage Solid State Electronic Driver with precis 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: The Optical Compartment comprises a high efficiency AiNL anodized aluminum POT OPTICS reflector, for wide area coverage. High Efficiency AiNL LED Lenses for optimal Lighting Output.

DESCRIPTION COLUMN

NOVA make Lighting Column made of Aluminum/MS Pole, duly supported and mounted through a heavy base plate, with 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 welded 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 automotive paint.



STREET / AREA LIGHTING





NL-5359-WALL

STREET / AREA LIGHTING



APPLICATIONS



LAMP SUITABILITY



DIMENSIONS

Luminaire

Max. Col Ht 6000mm	Lum (OP1) Section 100x50mm	Lum (OP2) Section 100x100mm	Max. ARM 1000mm
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MOUNTING SUITABILITY

ON PCC / RCC FOUNDATION

ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS
NL-5359-3015-WALL	30W - 45W POWER LED	T2-T3-OPTICS
NL-5359-3002-WALL	50W-60W POWER LED	T2-T3-OPTICS
NL-5359-3003-WALL	65W-90W POWER LED	T2-T3-OPTICS

DESCRIPTION FIXTURE

HOUSING: NOVA Luminaire made of extruded aluminium body- duly pretested and painted PU of matching shade of Column.

ELECTRICAL COMPARTMENT: 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.

OPTICS COMPONENT: T2 - T3 cutoff light distribution for wide road coverage - for extended lighting along the road length and adequate coverage on road width.

MS / ALUMINIUM POLE OF RECTANGULAR PIPE SECTION OF SIZE 100X100 mm.
POLE HEIGHT 5000mm / 6000mm.

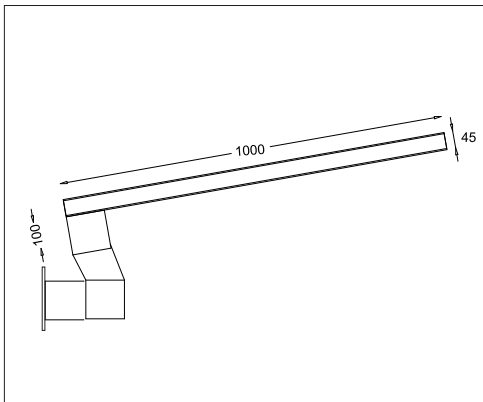
Base plate of size 250X250, 10mm thick is welded to bottom and provided with rib supports at corners.

Mountings holes of size 20mm are provided as shown.

Fixing is done by means of 4 Nos grounding bolts fixed within PCC base as shown.(ARRANGED BY CLIENT)

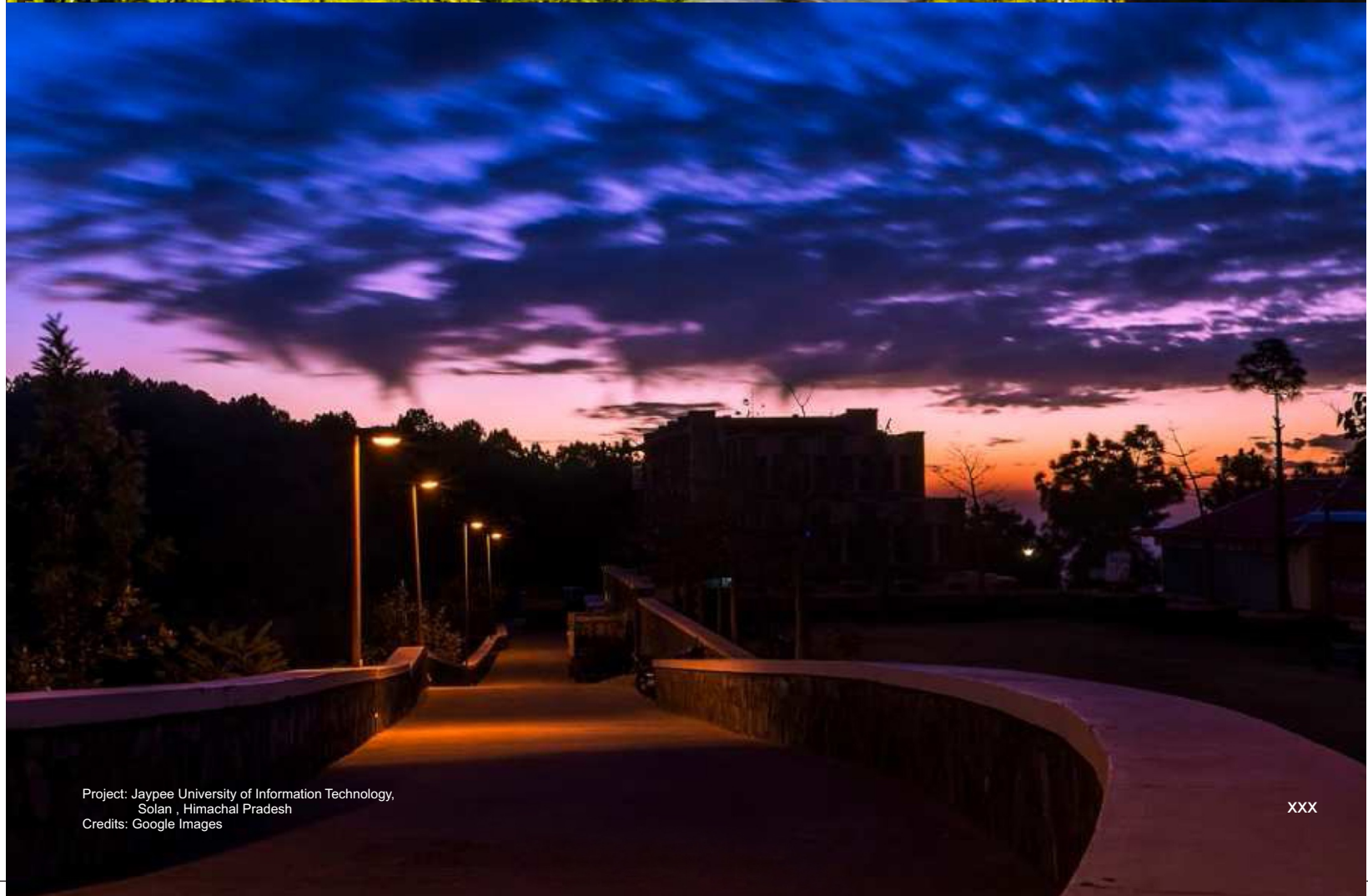
A junction cut out 80mmx250mm for mounting of MCB and connector block.

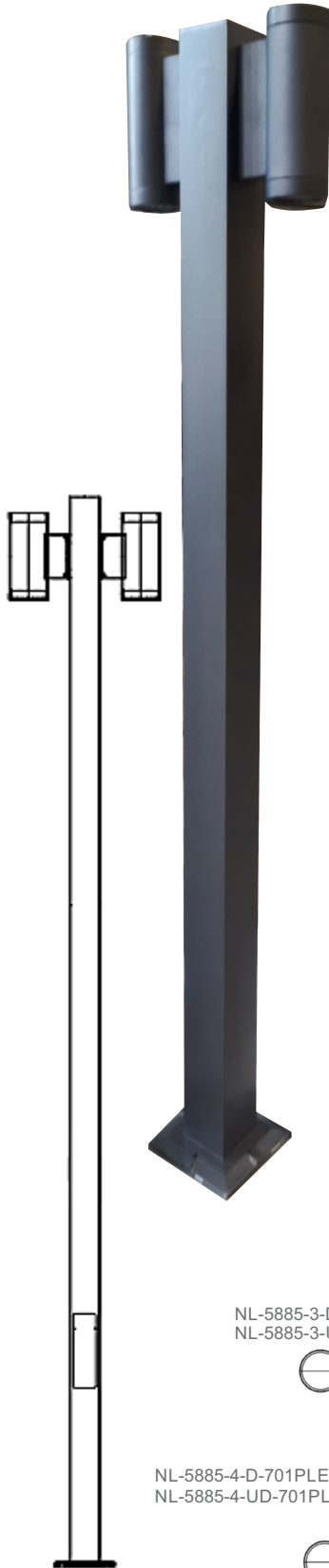
Column and Luminaire painted with long lasting Automotive PU paint



NOTE

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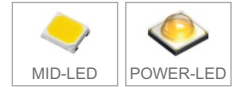




APPLICATIONS



LAMP SUITABILITY



PROTECTION

IP Rating: IP65
IK Rating: IK08

MOUNTING SUITABILITY

FLOOR -PEDESTAL MOUNTING

DIMENSIONS

Luminaire

Column Heights of
1000mm, 1500mm,
1800mm, 3600mm

SECTION
100x100mm

ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-5885-1-D-701PLED	10W Power LED	N/M/W	10W
NL-5885-1-UD-701PLED	2x10W Power LED	N/M/W	20W
NL-5885-2-D-701PLED	2x10W Power LED	N/M/W	20W
NL-5885-2-UD-701PLED	4x10W Power LED	N/M/W	40W
NL-5885-3-D-701PLED	3x10W Power LED	N/M/W	30W
NL-5885-3-UD-701PLED	6x10W Power LED	N/M/W	60W
NL-5885-4-D-701PLED	4x10W Power LED	N/M/W	40W
NL-5885-4-UD-701PLED	8x10W Power LED	N/M/W	80W

DESCRIPTION FIXTURE

HOUSING: NOVA Landscape Luminaire comprises of extruded Aluminum Square Pipe Body for a heavy duty all weather tough body. Lighting Modules- comprise - extruded aluminium housing with cast aluminium sockets - heat resistant toughend glass diffuser - Integral IP rated driver , MCPCB mounted / COB LED. suitable for mounting - SINGLE / DOUBLE / TRIPLE / QUADRUPLE modukes on a single hub . SS allen head screws. Duly fabricated by *AiNL Fabrication technique* and precision finished. 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.

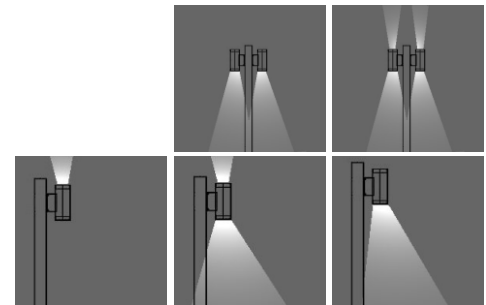
Optical: High optical efficiency LED Lenses for Power LED lamps. Choice of beam angles for specific application.

NL-5885-3-D-701PLED
NL-5885-3-UD-701PLED

NL-5885-1-D-701PLED
NL-5885-1-UD-701PLED

NL-5885-4-D-701PLED
NL-5885-4-UD-701PLED

NL-5885-2-D-701PLED
NL-5885-2-UD-701PLED



NOTE



Project: Orange County, Indrapuram
Credits: *Ai NOVA Lighting*

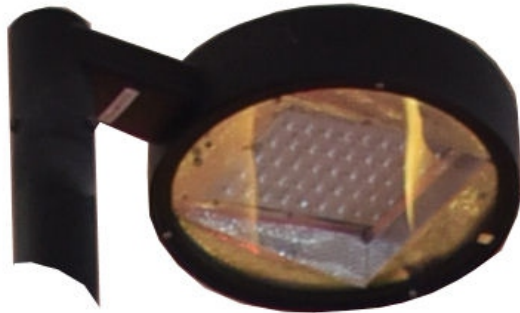


Project: IREO Uptown, Gurgaon
Credits: *Ai NOVA Lighting*



NL-557-G

STREET / AREA LIGHTING



Housing LED Housing
Depth 90mm

APPLICATIONS



LAMP SUITABILITY



DIMENSIONS

Luminaire

Suggested Column Height 4500 - 7500mm	Luminaire Depth: 100mm	Luminaire Length: 656mm	Luminaire Width: 305mm
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ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-557-G-1-3001PLED	30W Power LED	T3-T3 OPTICS	30W
NL-557-G-1-4501PLED	45W Power LED	T2-T3 OPTICS	45W
SUGGESTED COLUMN: 4500mm - 6000mm			
NL-557-G-1-6001PLED	60W Power LED	T2-T3 OPTICS	60W
NL-557-G-1-7501PLED	75W Power LED	T2-T3 OPTICS	75W
NL-557-G-1-9001PLED	90W Power LED	T2-T3 OPTICS	90W
SUGGESTED COLUMN: 6000mm - 8000mm			

DESCRIPTION STREET LUMINAIRE

STREET LIGHTING LUMINAIRE

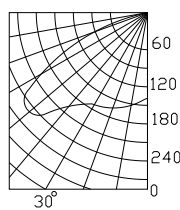
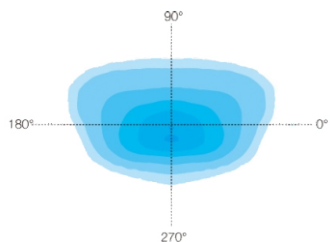
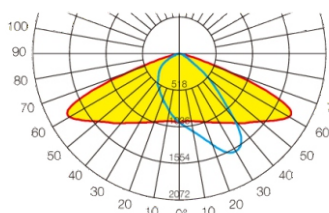
HOUSING: NOVA make Column mounted Architectural Street Lighting Luminaire. Heavy Gauge *AiNL* formed Aluminum housing Clear *AiNL* Glass Diffuser with EPDM gasket sealed with silicon sealant for Ingress Protection from Dust, water and insects. Heavy Duty MS Arm for pole mounting suitability. Heavy Duty Cast Aluminum mounting arm also available upon request.

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.

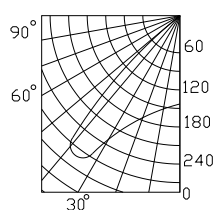
Optical: Primary *AiNL* anodized aluminum reflector Cut-Off Optics reflector system for Street Lighting Application, while specialized street lighting *AiNL* lenses for LED Lamps.

DESCRIPTION COLUMN

NOVA Lighting Column made of 10 swg MS pipe section, 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 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.



Candelas /1000 lm
A A



Candelas /1000 lm
B B

MOUNTING SUITABILITY

FLOOR STANDING ON FOUNDATION PEDESTAL

INGRESS PROTECTION

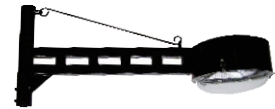
IP RATING: IP65

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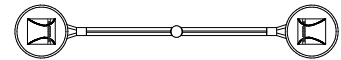
NL-557-G



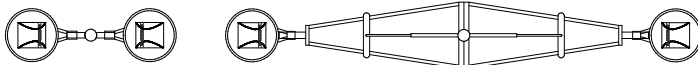
Parsian Arm



Single UPT Arm

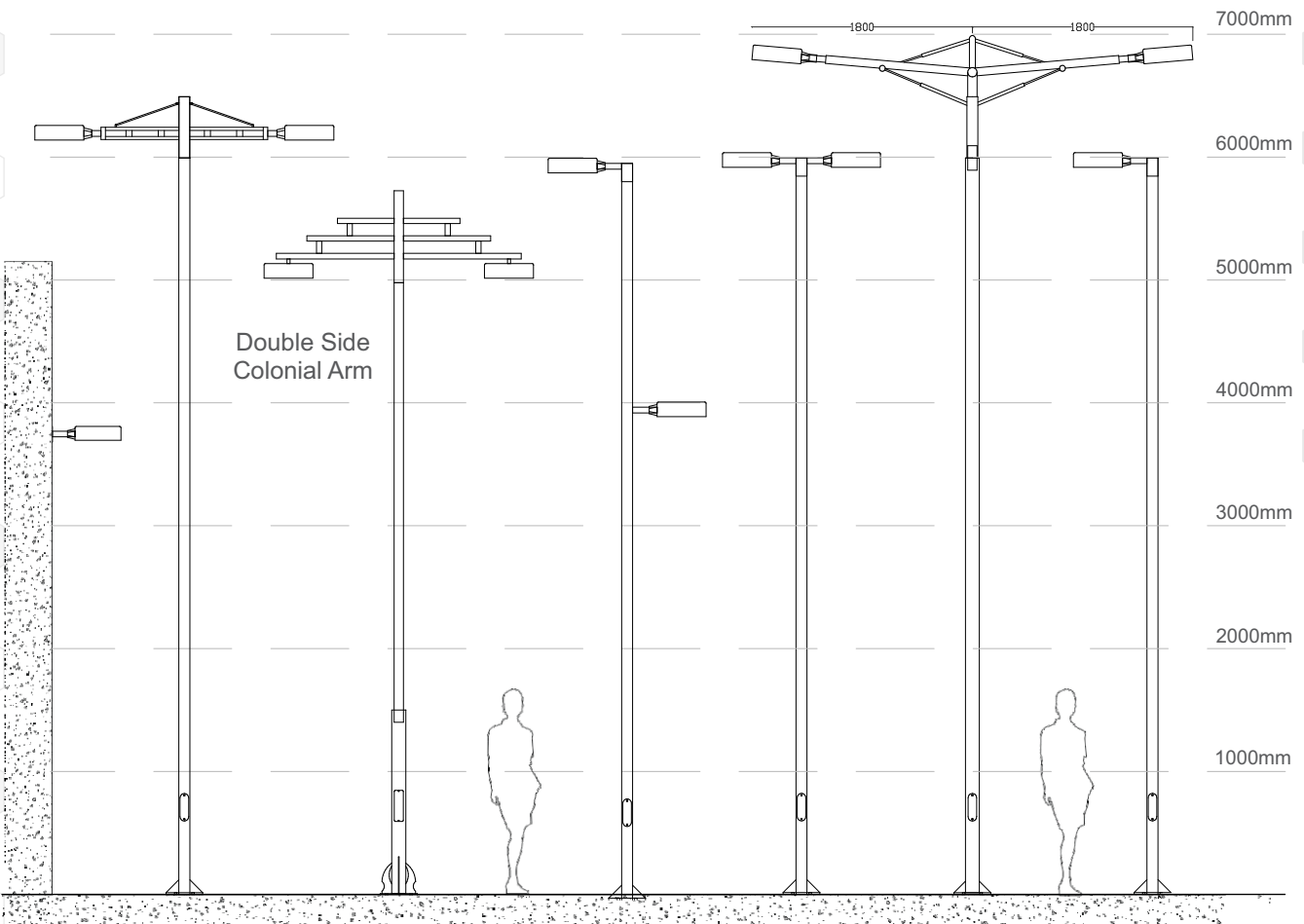


DOUBLE UPT Arm



Parsian Arm

STREET / AREA LIGHTING

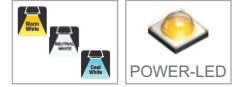




APPLICATIONS



LAMP SUITABILITY



DIMENSIONS

Luminaire

Suggested Column Height 4500 - 9000mm	Luminaire Depth: 100mm	Luminaire Length: 455mm	Luminaire Width: 305mm
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ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-572-7-3001PLED	30 x 1W Power LED	Type-III-Optics	30W
NL-572-7-4501PLED	45 x 1W Power LED	Type-III-Optics	45W
SUGGESTED COLUMN: 4500mm - 7500mm			
NL-572-7-6001PLED	60 x 1W Power LED	Type-III-Optics	60W
NL-572-7-9001PLED	90W Power LED	Type-III-Optics	90W

SUGGESTED COLUMN: 7500mm - 9000mm

DESCRIPTION STREET LUMINAIRE

STREET LIGHTING LUMINAIRE

HOUSING: NOVA make Column mounted Architectural Street Lighting Luminaire. Heavy Gauge formed Aluminum *AiNL* housing Clear Glass Diffuser with EPDM gasket sealed with silicon sealant for Ingress Protection from Dust, water and insects. Heavy Duty MS *AiNL* Arm for pole mounting suitability. Heavy Duty Cast Aluminum mounting arm also available upon request.

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: Primary *AiNL* anodized aluminum reflector Cut-Off Optics reflector system for Street Lighting Application, while specialized street lighting *AiNL* lenses for LED Lamps.

DESCRIPTION COLUMN

NOVA make Lighting Column made of 10 swg MS pipe section, 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 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 *AiNL* painted with long lasting PU based automotive paint.

MOUNTING SUITABILITY

FLOOR STANDING ON FOUNDATION PEDESTAL

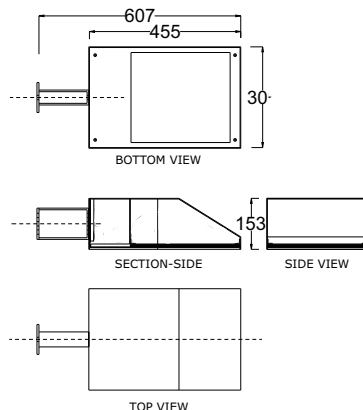
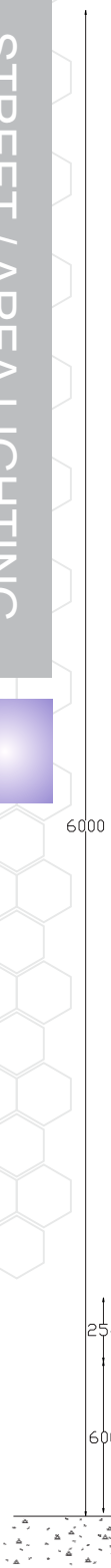
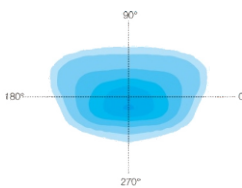
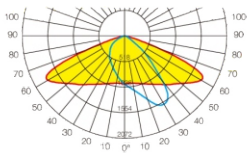
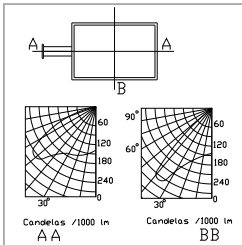
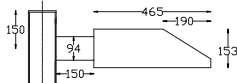
INGRESS PROTECTION

IP RATING: IP65



NOTE

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



NL-5358



APPLICATIONS



LAMP SUITABILITY



DIMENSIONS

Luminaire

Max. Col Ht 6000mm	Lum (OP1) Section 100x50mm	Lum (OP2) Section 100x100mm	Max. ARM 1000mm
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MOUNTING SUITABILITY

ON PCC / RCC FOUNDATION

ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS
NL-5358-3015-PLED	30W - 45W POWER LED	T2-T3-OPTICS
NL-5358-3002-PLED	50W-60W POWER LED	T2-T3-OPTICS
NL-5358-3003-PLED	65W-90W POWER LED	T2-T3-OPTICS

DESCRIPTION FIXTURE

HOUSING: NOVA Luminaire made of extruded aluminium body- duly pretested and painted PU of matching shade of Column.

ELECTRICAL COMPARTMENT: 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.

OPTICS COMPONENT: T2 - T3 cutoff light distribution for wide road coverage - for extended lighting along the road length and adequate coverage on road width.

MS / ALUMINIUM POLE OF RECTANGULAR PIPE SECTION OF SIZE 100X100 mm.
POLE HEIGHT 5000mm / 6000mm.

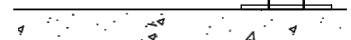
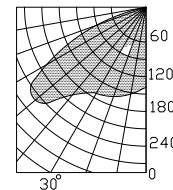
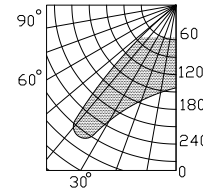
Base plate of size 250X250, 10mm thick is welded to bottom and provided with rib supports at corners.

Mountings holes of size 20mm are provided as shown.

Fixing is done by means of 4 Nos grounding bolts fixed within PCC base as shown.(ARRANGED BY CLIENT)

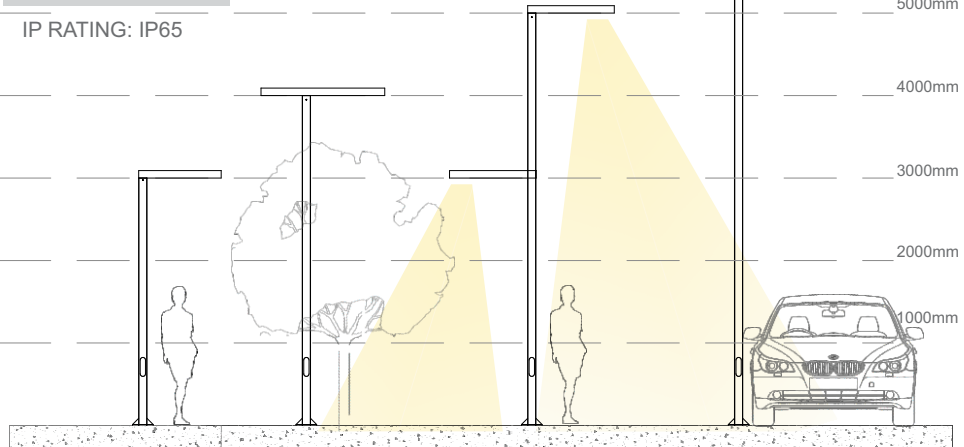
A junction cut out 80mmx250mm for mounting of MCB and connector block.

Column and Luminaire painted with long lasting Automotive PU paint



PROTECTION

IP RATING: IP65



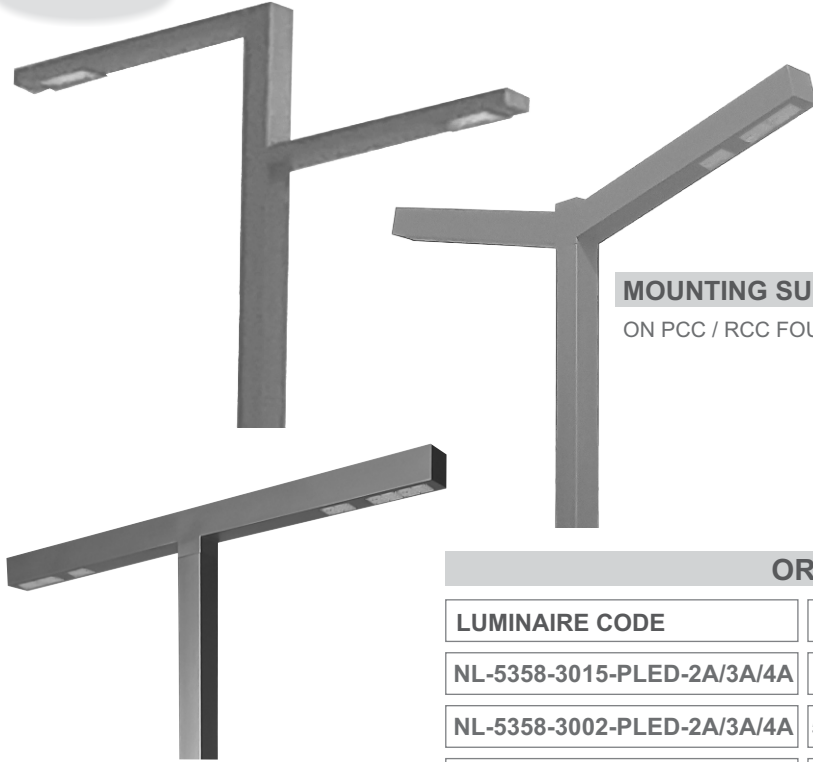
STREET / AREA LIGHTING





NL-5358-2A/3A/4A

STREET / AREA LIGHTING



APPLICATIONS



LAMP SUITABILITY



MOUNTING SUITABILITY

ON PCC / RCC FOUNDATION

DIMENSIONS

Luminaire

Max. Col Ht 6000mm	Lum (OP1) Section 100x50mm	Lum (OP2) Section 100x100mm	Max. ARM 1000mm
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ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS
NL-5358-3015-PLED-2A/3A/4A	30W-45W-2/3/4 PWR LED	T2-T3-OPTICS
NL-5358-3002-PLED-2A/3A/4A	50W-60W-2/3/4 PWR LED	T2-T3-OPTICS
NL-5358-3003-PLED-2A/3A/4A	65W-90W-2/3/4 PWR LED	T2-T3-OPTICS

DESCRIPTION FIXTURE

HOUSING: NOVA Luminaire made of extruded aluminium body- duly pretested and painted PU of matching shade of Column.

ELECTRICAL COMPARTMENT: 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.

OPTICS COMPONENT: T2 - T3 cutoff light distribution for wide road coverage - for extended lighting along the road length and adequate coverage on road width.

MS / ALUMINIUM POLE OF RECTANGULAR PIPE SECTION OF SIZE 100X100 mm.
POLE HEIGHT 5000mm / 6000mm.

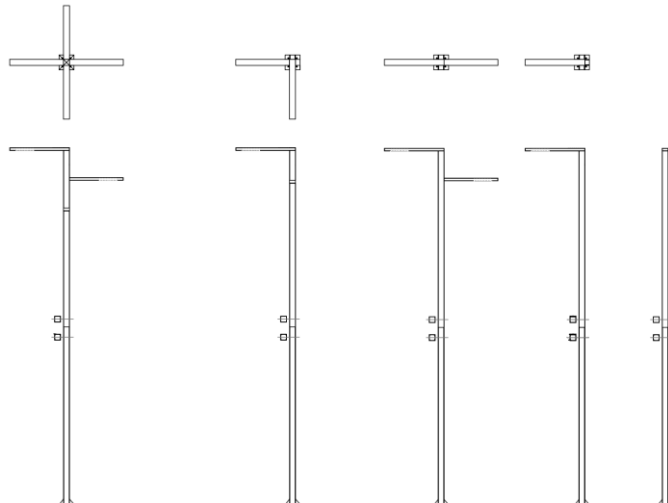
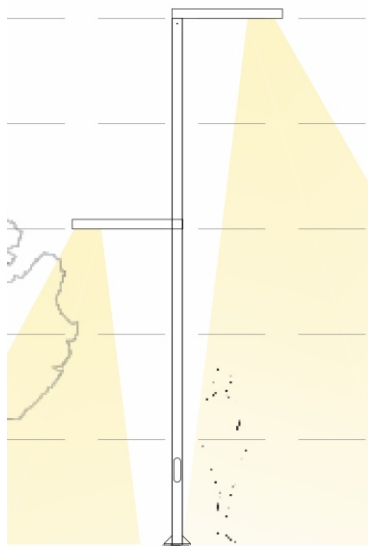
Base plate of size 250X250, 10mm thick is welded to bottom and provided with rib supports at corners.

Mountings holes of size 20mm are provided as shown.

Fixing is done by means of 4 Nos grounding bolts fixed within PCC base as shown.(ARRANGED BY CLIENT)

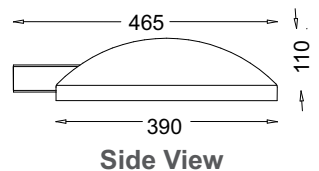
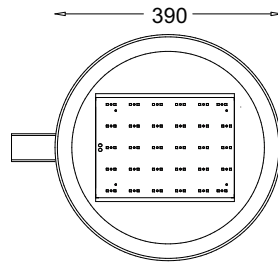
A junction cut out 80mmx250mm for mounting of MCB and connector block.

Column and Luminaire painted with long lasting Automotive PU paint



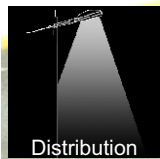
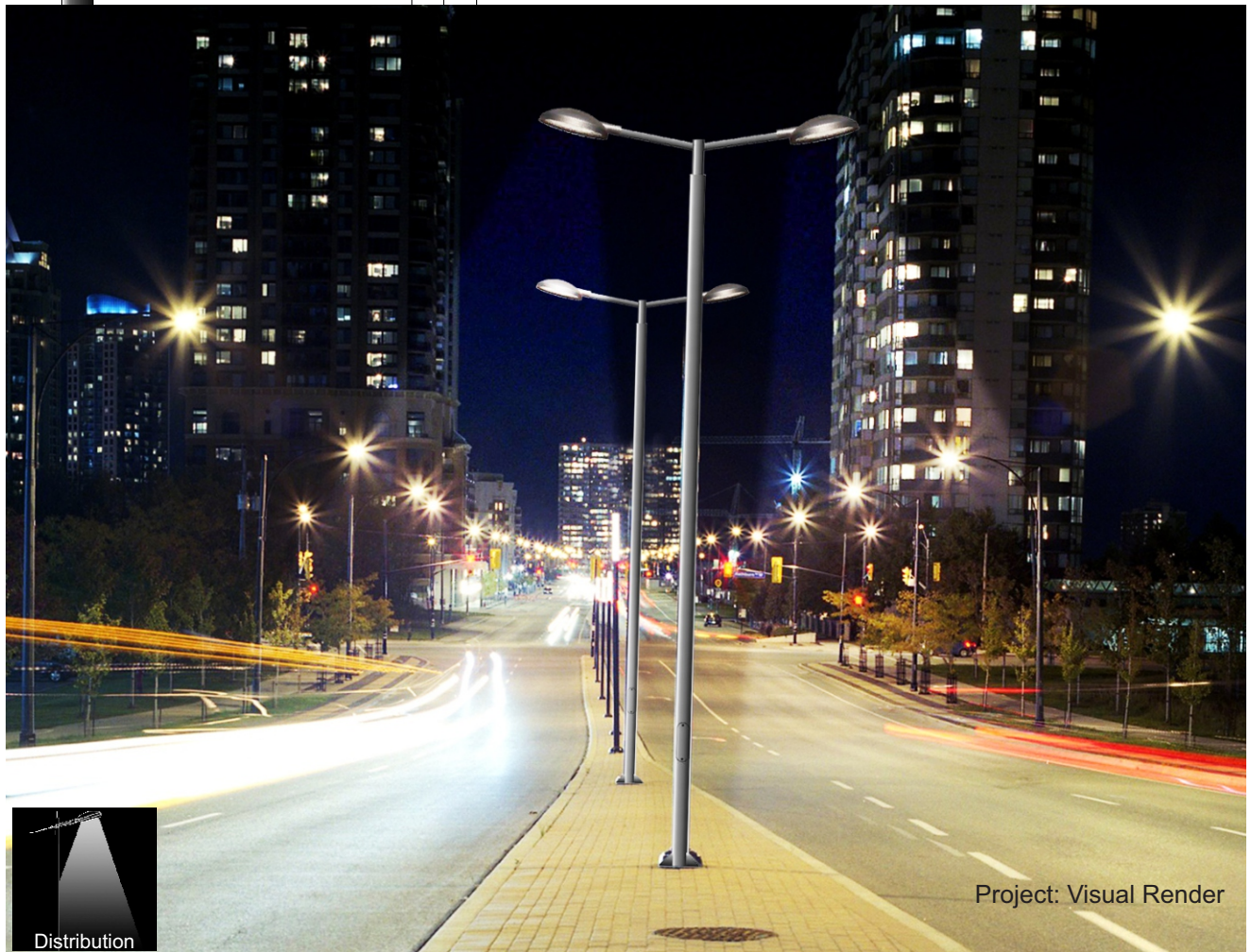
XXX

NL-558



Bottom View

Side View



Distribution

Project: Visual Render

STREET / AREA LIGHTING





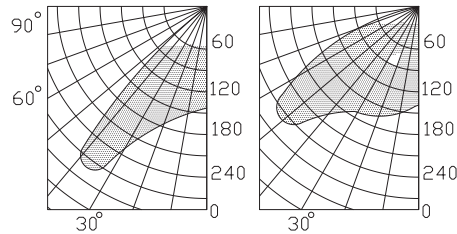
NL-558

STREET / AREA LIGHTING

APPLICATIONS



LAMP SUITABILITY



INGRESS PROTECTION

INGRESS PROTECTION: IP65

DIMENSIONS

Luminaire

Suggested Column Height 4500mm - 6000mm	Luminaire Height 120mm	Luminaire Diameter 400mm
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ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-558-3001PLED	30x1W Power LED	T2-T3 OPTICS	30W
NL-558-4501PLED	45x1W Power LED	T2-T3 OPTICS	45W
NL-558-6001PLED	60x1W Power LED	T2-T3 OPTICS	60W

SUGGESTED COLUMN: 4500mm - 6000mm

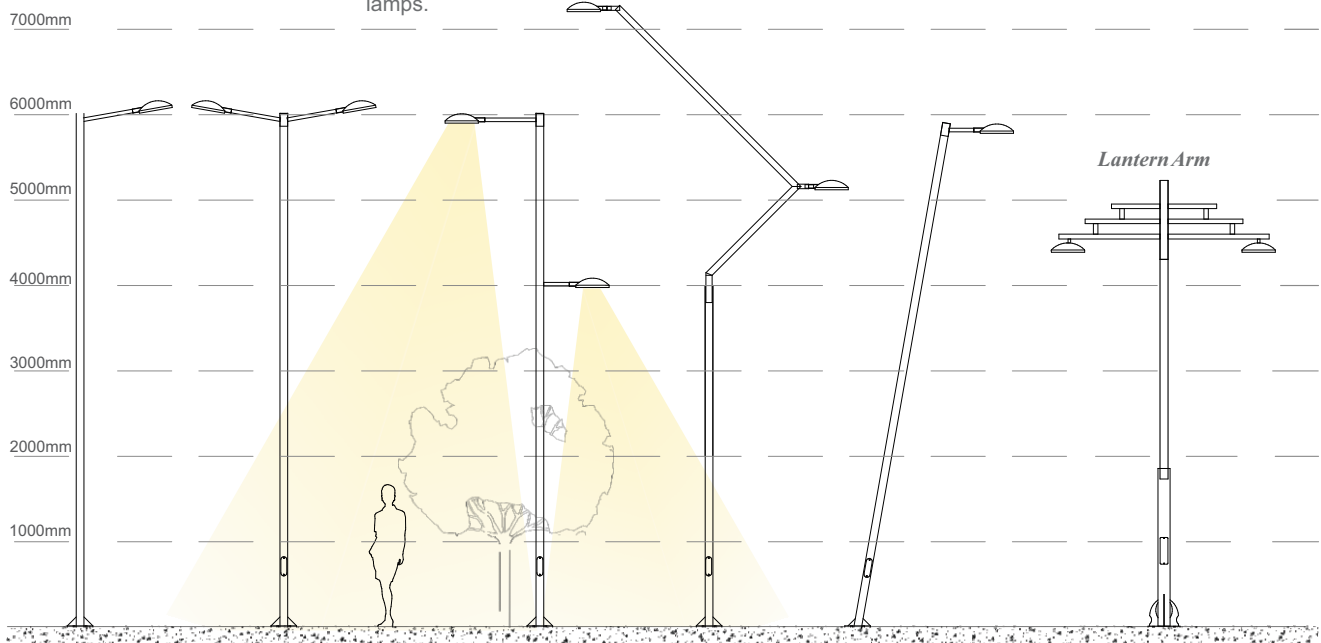
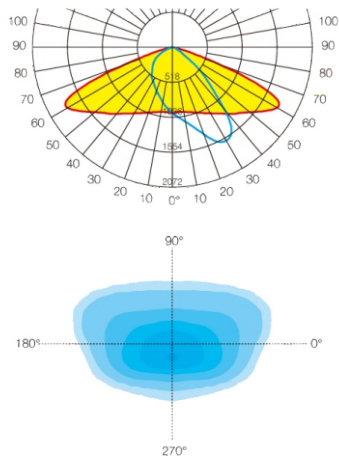
DESCRIPTION FIXTURE

STREET LIGHTING LUMINAIRE

HOUSING: NOVA make Column mounted Architectural Street Lighting Luminaire. Heavy Duty formed Aluminum *AiNL* designed housing Cast Aluminum cover & clear Glass Diffuser with EPDM gasket sealed with silicon sealant for Ingress Protection from Dust, water and insects. Heavy Duty *AiNL* designed and fabricated Arm for pole mounting suitability.

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: Primary *AiNL* designed & Fabrication anodized aluminum cobra reflector with cut-off Optics reflector system for Street Lighting Application, while specialized street lighting *AiNL* lenses for LED lamps.



XXX

NL-572



APPLICATIONS

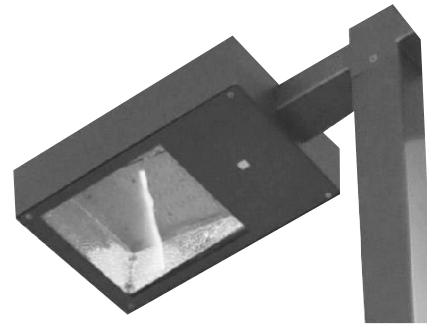


LAMP SUITABILITY



INGRESS PROTECTION

IP RATING: IP65



DIMENSIONS

Luminaire

Suggested Column Height 4500 - 9000mm	Luminaire Depth: 100mm	Luminaire Length: 656mm	Luminaire Width: 305mm
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ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-572-4501PLED	45 x 1W Power LED	T2-T3 OPTICS	45W

SUGGESTED COLUMN: 4500mm - 7500mm

NL-572-6001PLED	60 x 1W Power LED	T2-T3 OPTICS	60W
NL-572-7501PLED	75W Power LED	T2-T3 OPTICS	75W
NL-572-9001PLED	90W Power LED	T2-T3 OPTICS	90W

SUGGESTED COLUMN: 7500mm - 9000mm

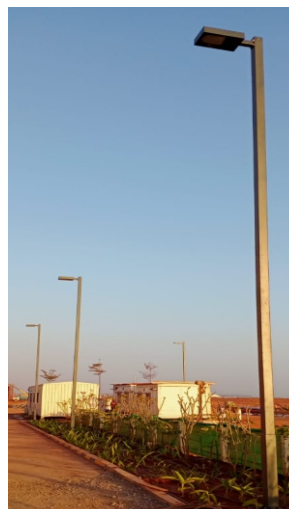
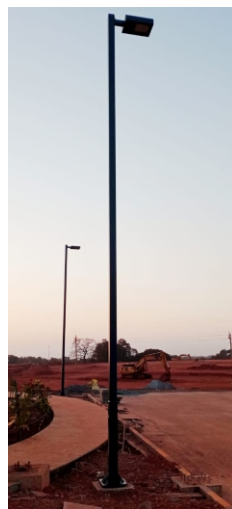
DESCRIPTION STREET LUMINAIRE

STREET LIGHTING LUMINAIRE

HOUSING: NOVA make Column mounted Architectural Street Lighting Luminaire. AiNL Heavy Gauge formed Aluminum housing with AiNL Clear Glass Diffuser with EPDM gasket sealed with silicon sealant for Ingress Protection from Dust, water and insects. Heavy Duty MS Arm for pole mounting suitability. Luminaire Fabricated using AiNL Fabrication Technique.

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 Rang, Short Circuit / Open Circuit, High Voltage / Surge Protection, Thermal Cut Off Protection for extended life time performance.

Optical: Primary AiNL anodized aluminum reflector Cut-Off Optics reflector system for Street Lighting Application, while specialized street lighting AiNL lenses for LED Lamps.



MOUNTING SUITABILITY

FLOOR STANDING ON
FOUNDATION PEDESTAL

COLUMN SUITABILITY

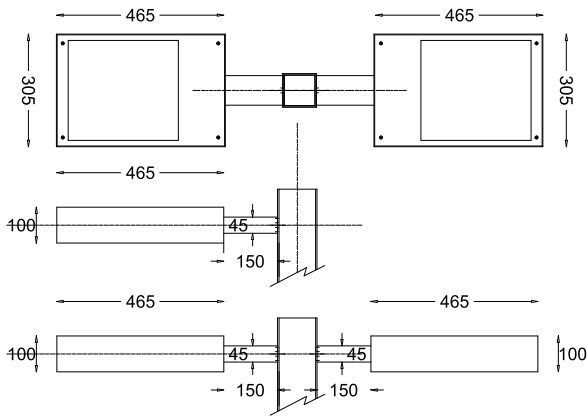
Option 1: TUBULAR POLE
Option 2: SQUARE POLE

NOTE

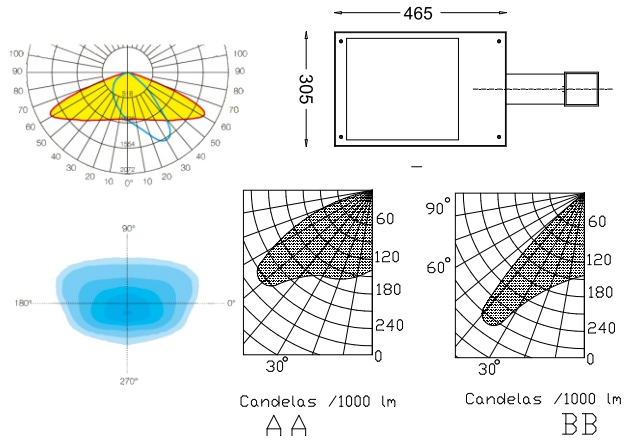
1. Luminaire is offered SEPARATLY as well as with coordinated decorative column.
2. Foundation J Bolts not included along with the Street Lighting Column.

STREET / AREA LIGHTING

Side View



Photometry



8000mm

7000mm

6000mm

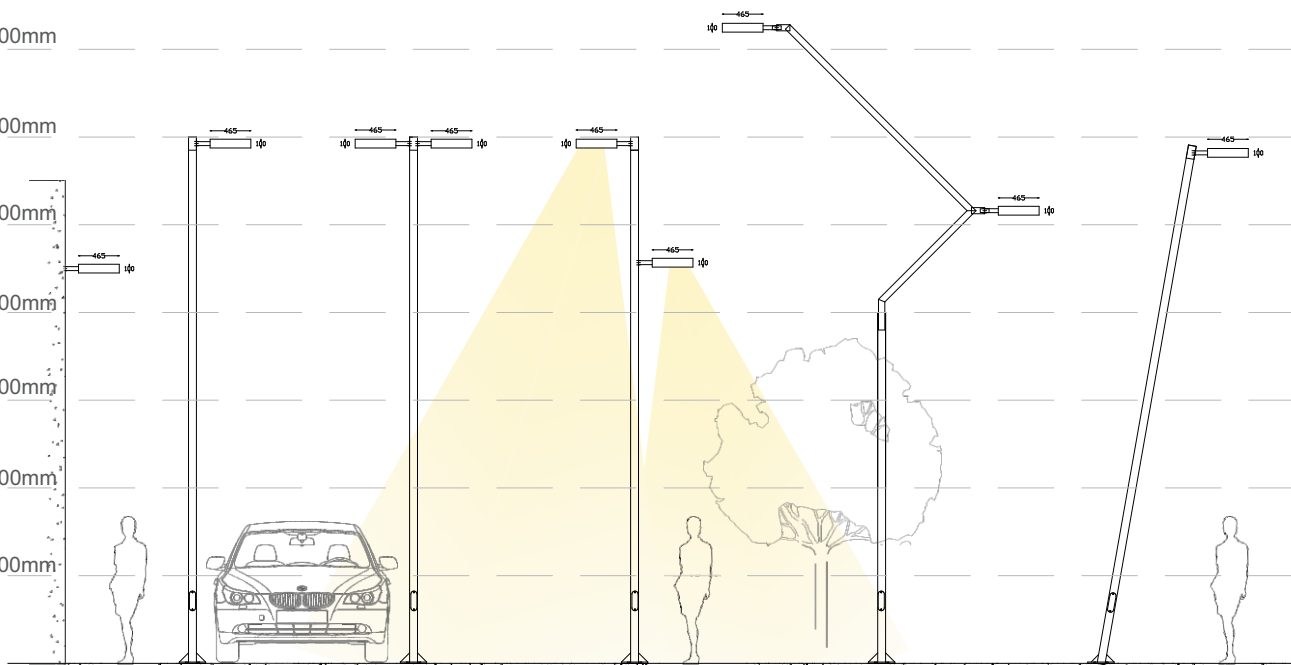
5000mm

4000mm

3000mm

2000mm

1000mm



XXX





NL-572-2



APPLICATIONS



LAMP SUITABILITY



DIMENSIONS

Luminaire

Suggested Column Height 4500 - 9000mm	Luminaire Depth: 100mm	Luminaire Length: 656mm	Luminaire Width: 305mm
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ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-572-2-4501PLED	45 x 1W Power LED	T2-T3 OPTICS	45W

SUGGESTED COLUMN: 4500mm - 7500mm

NL-572-2-6001PLED	60 x 1W Power LED	T2-T3 OPTICS	60W
NL-572-2-7501PLED	75W Power LED	T2-T3 OPTICS	75W
NL-572-2-9001PLED	90W Power LED	T2-T3 OPTICS	90W

SUGGESTED COLUMN: 7500mm - 9000mm

DESCRIPTION STREET LUMINAIRE

STREET LIGHTING LUMINAIRE

HOUSING: NOVA make Column mounted Architectural Street Lighting Luminaire. AiNL Heavy Gauge formed Aluminum housing with AiNL Clear Glass Diffuser with EPDM gasket sealed with silicon sealant for Ingress Protection from Dust, water and insects. Heavy Duty MS Arm for pole mounting suitability. Luminaire Fabricated using AiNL Fabrication Technique.

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 Rang, Short Circuit / Open Circuit, High Voltage / Surge Protection, Thermal Cut Off Protection for extended life time performance.

Optical: Primary AiNL anodized aluminum reflector Cut-Off Optics reflector system for Street Lighting Application, while specialized street lighting AiNL lenses for LED Lamps.

MOUNTING SUITABILITY

FLOOR STANDING ON FOUNDATION PEDESTAL

INGRESS PROTECTION

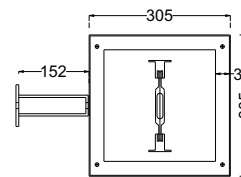
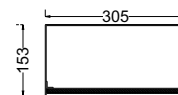
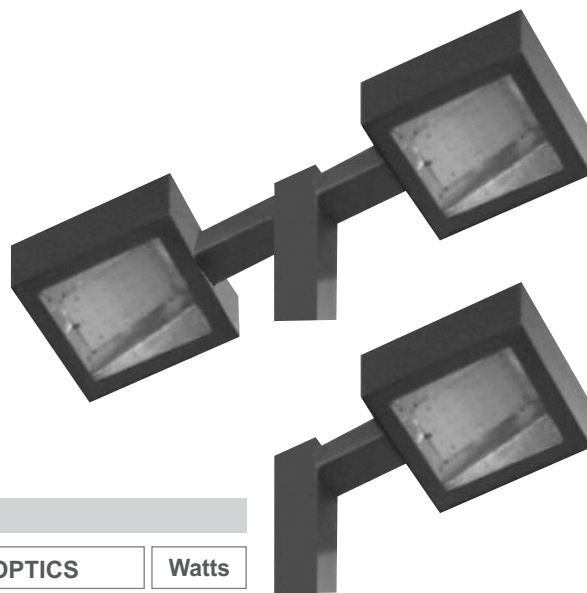
IP RATING: IP65

COLUMN SUITABILITY

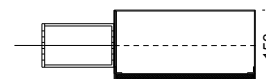
Option 1: TUBULAR POLE
Option 2: SQUARE POLE

NOTE

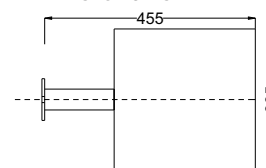
- Luminaire is offered SEPARATLY as well as with coordinated decorative column.
- Foundation J Bolts not included along with the Street Lighting Column.



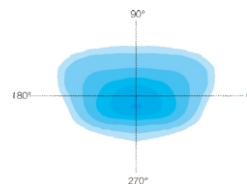
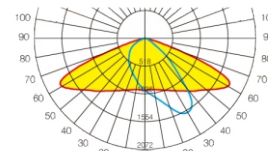
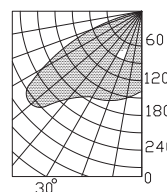
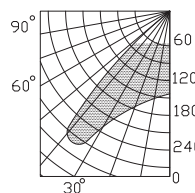
BOTTOM VIEW



SECTION-SIDE



TOP VIEW



STREET / AREA LIGHTING





NL-5984

STREET / AREA LIGHTING



APPLICATIONS



LAMP SUITABILITY



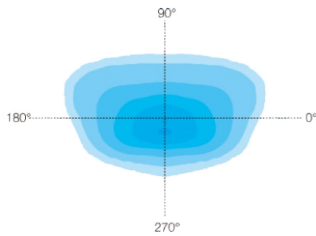
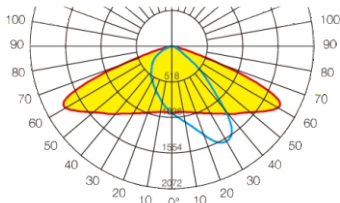
INGRESS PROTECTION

INGRESS PROTECTION: IP65

DIMENSIONS

Luminaire

Suggested Column Height 4500mm - 9000mm	Luminaire Length: 455mm	Luminaire Width: 305mm	Luminaire Depth: 100mm
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ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
SUGGESTED COLUMN: 4500mm - 6000mm			
NL-5984-3001PLED	30 x 1W Power LED	T2-T3 OPTICS	30W
NL-5984-4501PLED	45 x 1W Power LED	T2-T3 OPTICS	45W
SUGGESTED COLUMN: 6000mm - 7500mm			
NL-5984-6001PLED	60 x 1W Power LED	T2-T3 OPTICS	60W

DESCRIPTION FIXTURE

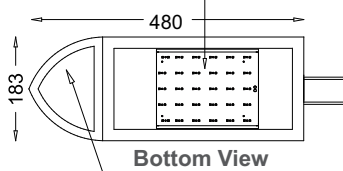
DECORATIVE STREET LIGHTING LUMINAIRE

Housing: NOVA make Luminaire comprises multiple compartment heavy spun aluminum *AiNL* housing, with mounting clamps for rigid fixing of the acrylic clear *AiNL* diffuser through insect resistant EPDM gasket with silicon Sealant for Ingress Protection from Insects, Dusts and Water.

Optical: The Optical Compartment comprises a high efficiency *AiNL* anodized aluminum POT OPTICS reflector, for wide area coverage. High Efficiency LED *AiNL* Lenses for optimal Lighting Output.

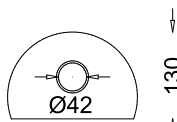
Electrical Compartment: Power supply comprises of AC-DC / DC-DC. Constant Current / Constant Voltage Solid State Electronic Driver with precise current / Voltage Control, Wide Operating Voltage Rang, Short Circuit / Open Circuit, High Voltage / Surge Protection, Thermal Cut Off Protection for extended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

LED Street Light

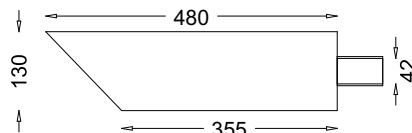


Bottom View

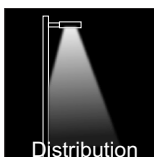
Blue Diffused Glow for Decoration



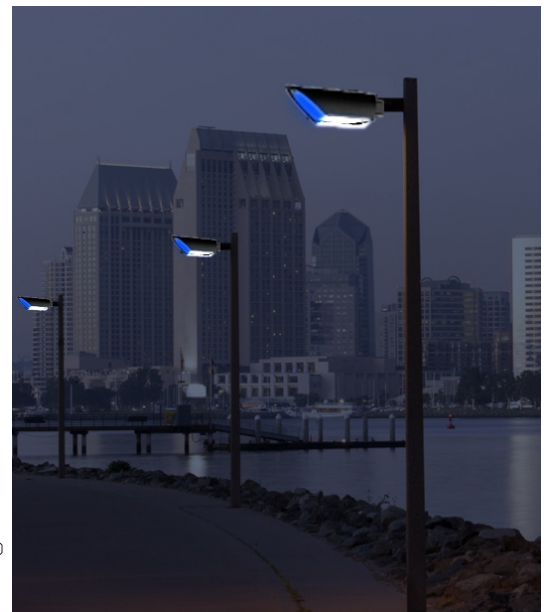
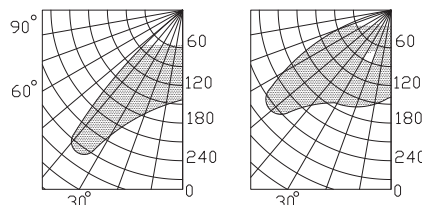
Back View



Side View



Distribution



XXX

NL-5984



DESCRIPTION FIXTURE

STREET LIGHTING LUMINAIRE

HOUSING: NOVA make Column mounted Architectural Street Lighting Luminaire. Heavy Gauge formed Aluminum AiNL designed & fabricated housing Clear/Frosted Glass Diffuser with EPDM gasket sealed with silicon sealant for Ingress Protection from Dust, water and insects. Heavy Duty MS AiNL fabricated Arm for pole mounting suitability. Secondary lighting compartment for coloured LED Lighting for esthetic appeal and contemporary design.

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 Rang, Short Circuit / Open Circuit, High Voltage / Surge Protection, Thermal Cut Off Protection for extended life time performance.

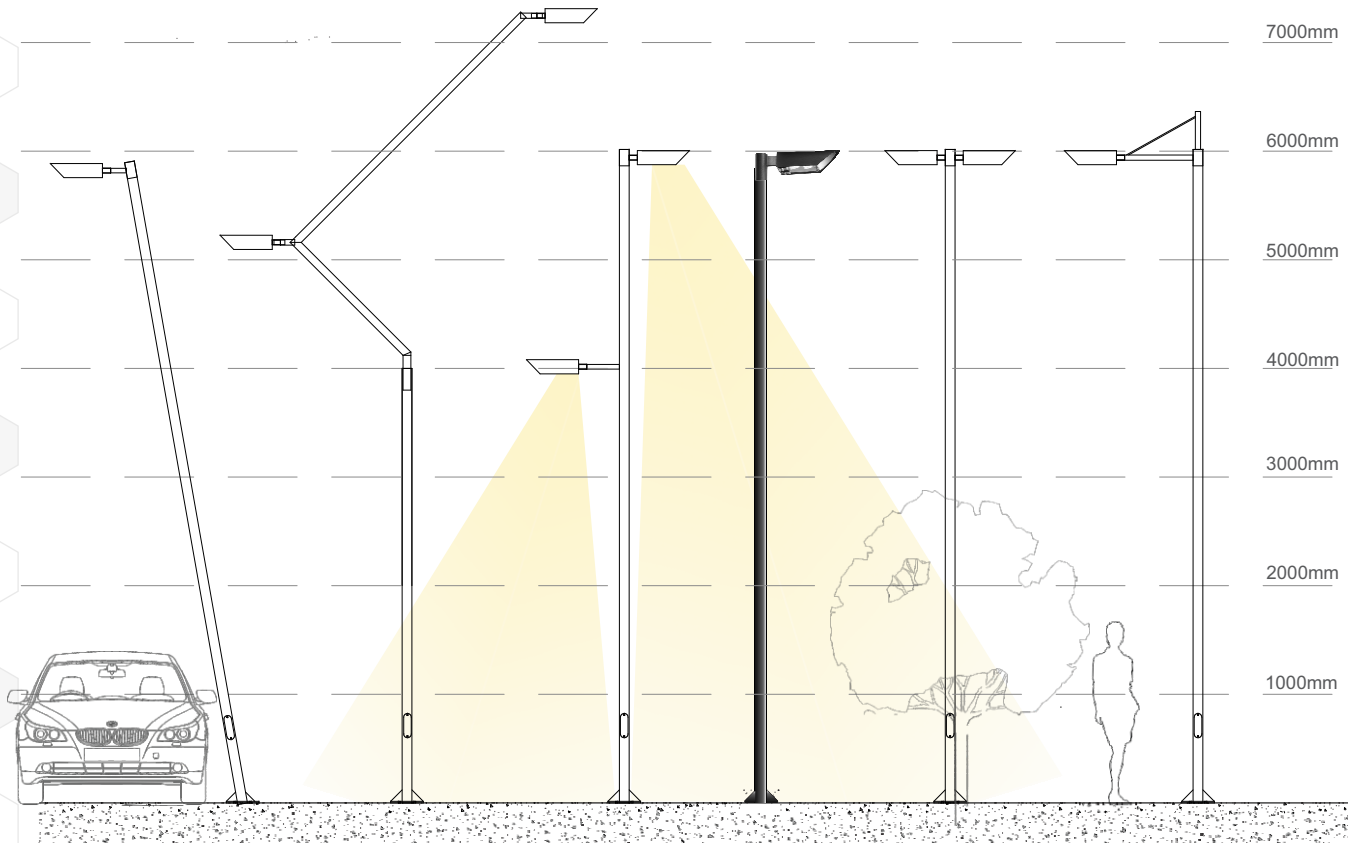
Optical: Primary AiNL designed & fabricated anodized aluminum reflector Cut-Off Optics reflector system for Street Lighting Application, while specialized street lighting AiNL design approved lenses for LED Lamps.

DESCRIPTION COLUMN

NOVA make Lighting Column made of Aluminum/MS Pole, duly supported and mounted through a heavy base plate, with 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 welded 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 automotive paint.



STREET / AREA LIGHTING



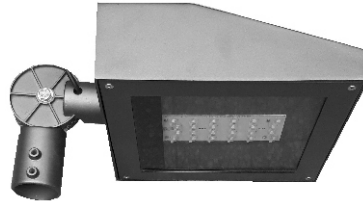


NL-572-7-S

STREET / AREA LIGHTING



NL-572-7-W



NL-572-7-S

APPLICATIONS



LAMP SUITABILITY



DIMENSIONS

Luminaire

Suggested Column Height 4500mm - 6000mm	Luminaire Length: 300mm	Luminaire Width: 200mm	Luminaire Depth: 75mm
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ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
COLUMN MOUNTED - FIXED			
NL-572-7-3001PLED	30 x 1W Power LED	Street T2/T3/T4	30W
NL-572-7-4501PLED	45 x 1W Power LED	Street T2/T3/T4	45W
COLUMN MOUNTED - TILTABLE- VARIABLE DISTRIBUTION			
NL-572-7-S-3001PLED	30 x 1W Power LED	Street T2/T3/T4	30W
NL-572-7-S-4501PLED	45 x 1W Power LED	Street T2/T3/T4	45W
COLUMN MOUNTED - WALL MOUNTED - FIXED			
NL-572-7-W-3001PLED	30 x 1W Power LED	Street T2/T3/T4	30W
NL-572-7-W-4501PLED	45 x 1W Power LED	Street T2/T3/T4	45W

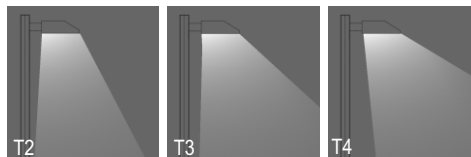
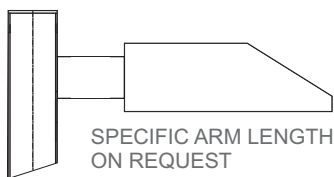
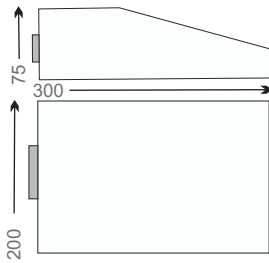
DESCRIPTION FIXTURE

STREET LIGHTING LUMINAIRE

HOUSING: NOVA make Wall / Column mounted Street Lighting Luminaire. Heavy Gauge formed Aluminum AiNL housing Clear Glass Diffuser with EPDM gasket sealed with silicon sealant for Ingress Protection from Dust, water and insects. Heavy Duty MS AiNL Arm for pole mounting suitability. Heavy Duty Cast Aluminum mounting arm also available upon request.

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: High optical efficiency LED Lenses for Power LED lamps. Choice of beam angles for specific application.



Distribution Pattern

MOUNTING SUITABILITY

WALL MOUNTED / COLUMN MOUNTED

INGRESS PROTECTION

IP RATING: IP65

IMPACT RESISTANCE

IK RATING: 09

NOTE

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

xxx

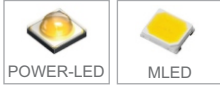
NL-508-5-SLT



APPLICATIONS



LAMP SUITABILITY



PROTECTION

IP Rating: IP65

DIMENSIONS

Luminaire

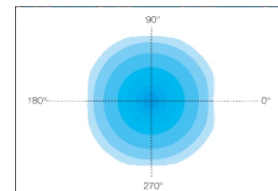
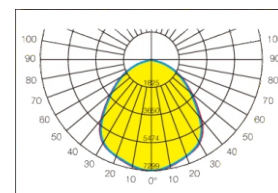
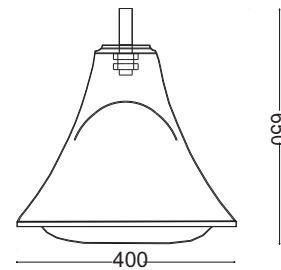
Column Height Available
4000mm - 7000mm

Luminaire
Diameter
400mm

Luminaire
Height
650mm

ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-508-5-SLT- 3001PLED	30Nos. X 1W Power LED	Direct Sym	30W
NL-508-5-SLT- 4501PLED	45Nos. X 1W Power LED	Direct Sym	45W



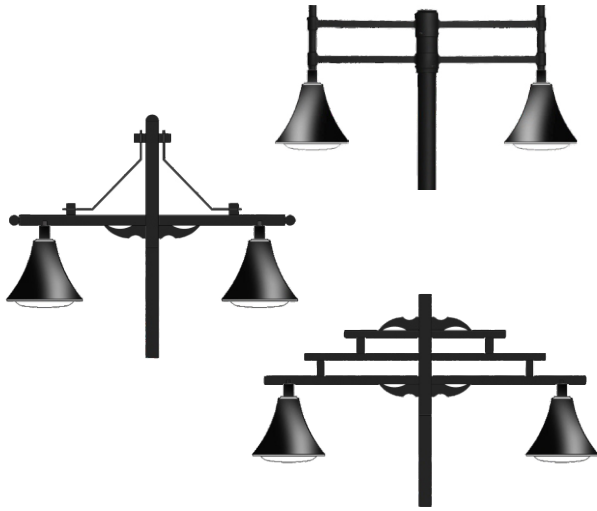
STREET / AREA LIGHTING





NL-508-5-SLT

STREET / AREA LIGHTING



DESCRIPTION COLUMN

NOVA make Lighting Column made of Aluminum/MS Pole, duly supported and mounted through a heavy base plate, with 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 welded 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 automotive paint.

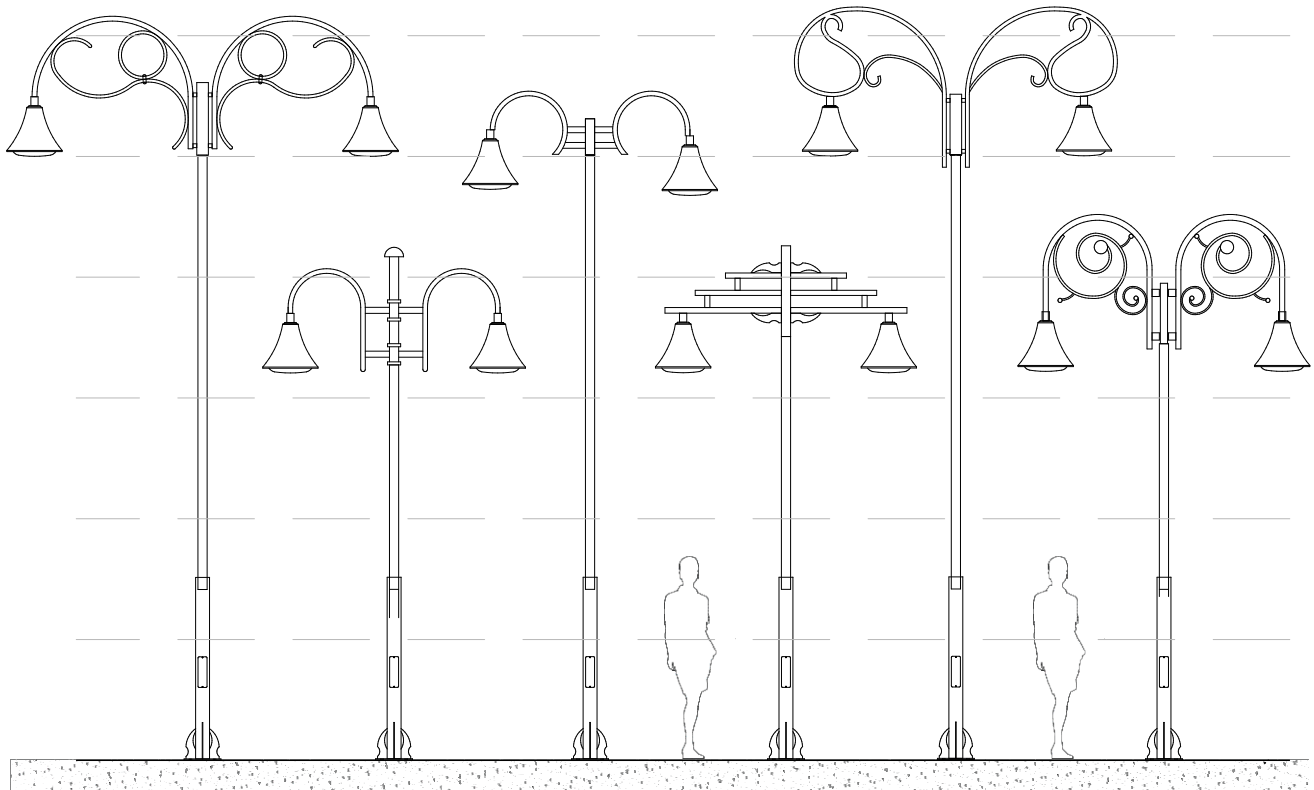
DESCRIPTION LUMINAIRE

DECORATIVE STREET BELL STREET LIGHT LUMINAIRE

Housing: NOVA make Luminaire comprises heavy spun aluminum housing connected to a heavy duty MS socket for pole mounting, duly fabricated Using *AiNL Fabrication Technique* and precision finished. *AiNL* PU based automotive paint for long lasting life. Heavy duty heat resistance/ toughened Acrylic/ Glass Diffused with EPDM gasket and silicon sealant for protection from dust and insects.

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: High efficiency *AiNL* anodized aluminum reflector for wide beam distribution for MH and HPSV Lamps and High efficiency *AiNL* elliptical/ symmetrical Lenses for LED Lamp



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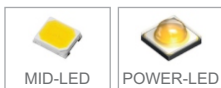
NL-596



APPLICATIONS



LAMP SUITABILITY



DIMENSIONS

Luminaire

Suggested Column Height 4500 - 7500mm	Luminaire Diameter 590mm	Luminaire Height 584mm
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INGRESS PROTECTION

INGRESS PROTECTION: IP65

ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-596-1-3001PLED	30W Power LED	Symmetrical	30W
NL-596-1-4501PLED	45W Power LED	Symmetrical	45W
NL-596-1-6001PLED	60W Power LED	Symmetrical	60W

SUGGESTED COLUMN: 4500mm - 7500mm

DESCRIPTION FIXTURE

DECORATIVE STREET LIGHTING LUMINAIRE

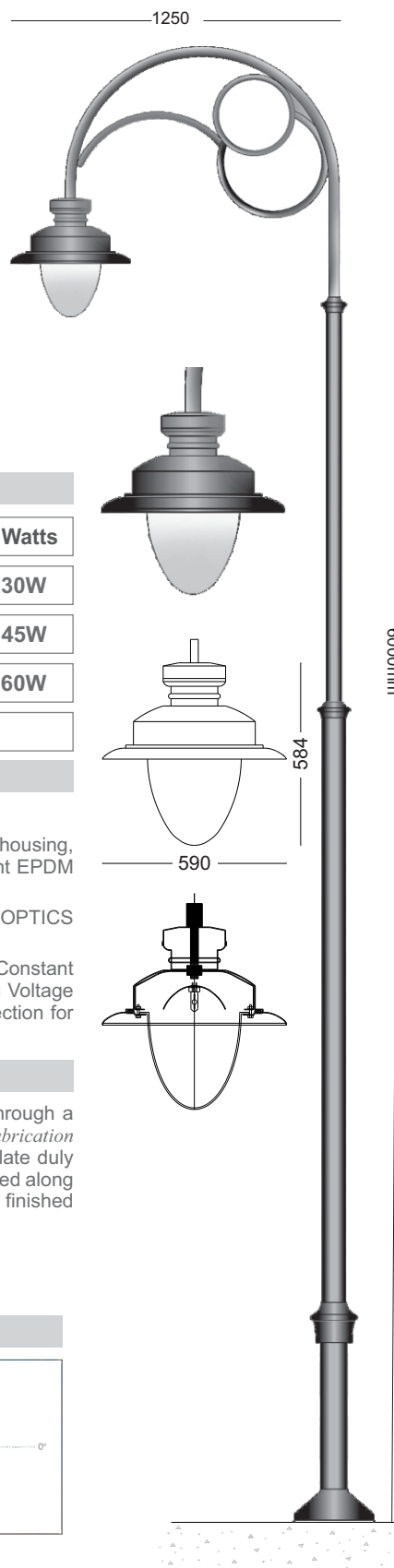
Housing: NOVA make Luminaire comprises multiple compartment heavy spun aluminum *AiNL* housing, with mounting clamps for rigid fixing of the acrylic clear *AiNL* diffuser through insect resistant EPDM gasket with silicon Sealant for Ingress Protection from Insects, Dusts and Water.

Optical: The Optical Compartment comprises a high efficiency LED *AiNL* anodized aluminum POT OPTICS reflector, for wide area coverage. High Efficiency LED *AiNL* Lenses for optimal Lighting Output.

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 Rang, Short Circuit / Open Circuit, High Voltage / Surge Protection, Thermal Cut Off Protection for extended life time performance.

DESCRIPTION COLUMN

NOVA make Lighting Column made of Aluminum/MS Pole, duly supported and mounted through a heavy base plate, with 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 welded 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 automotive paint.

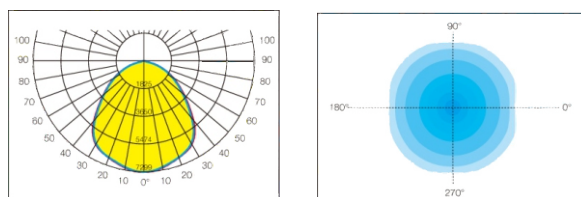


STREET / AREA LIGHTING



Distribution

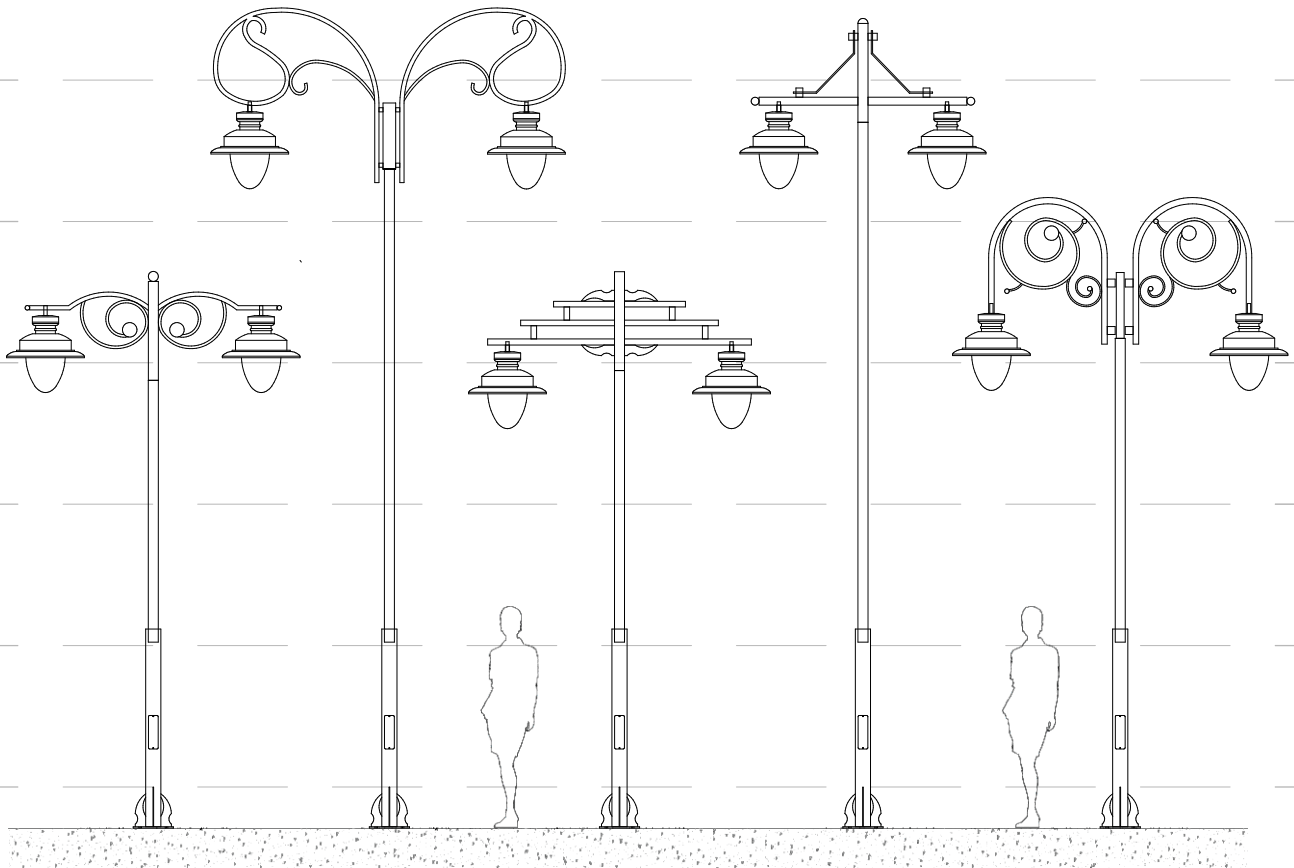
Photometry



NOTE

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

STREET / AREA LIGHTING



XXX

NL-576



APPLICATIONS



LAMP SUITABILITY



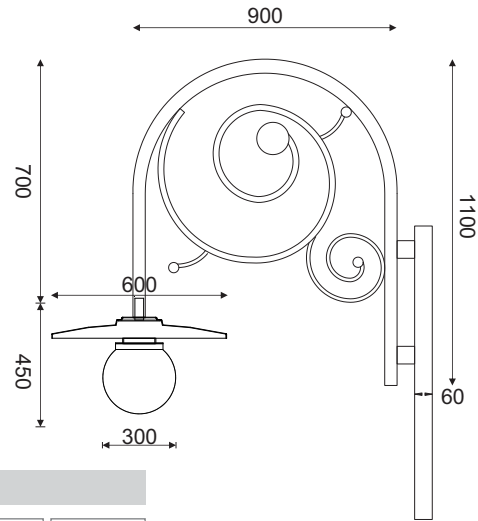
INGRESS PROTECTION

INGRESS PROTECTION: IP65

DIMENSIONS

Luminaire

Suggested Column Height 4500mm - 6000mm	Luminaire Height 450mm	Luminaire Diameter 400mm	Decorative Arm
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ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-576-1-30W-COB	30WATTS COB LED	Symmetrical	30W
NL-576-1-2401PLED	24W Power LED	Symmetrical	24W

DESCRIPTION FIXTURE

DECORATIVE STREET LIGHTING LUMINAIRE

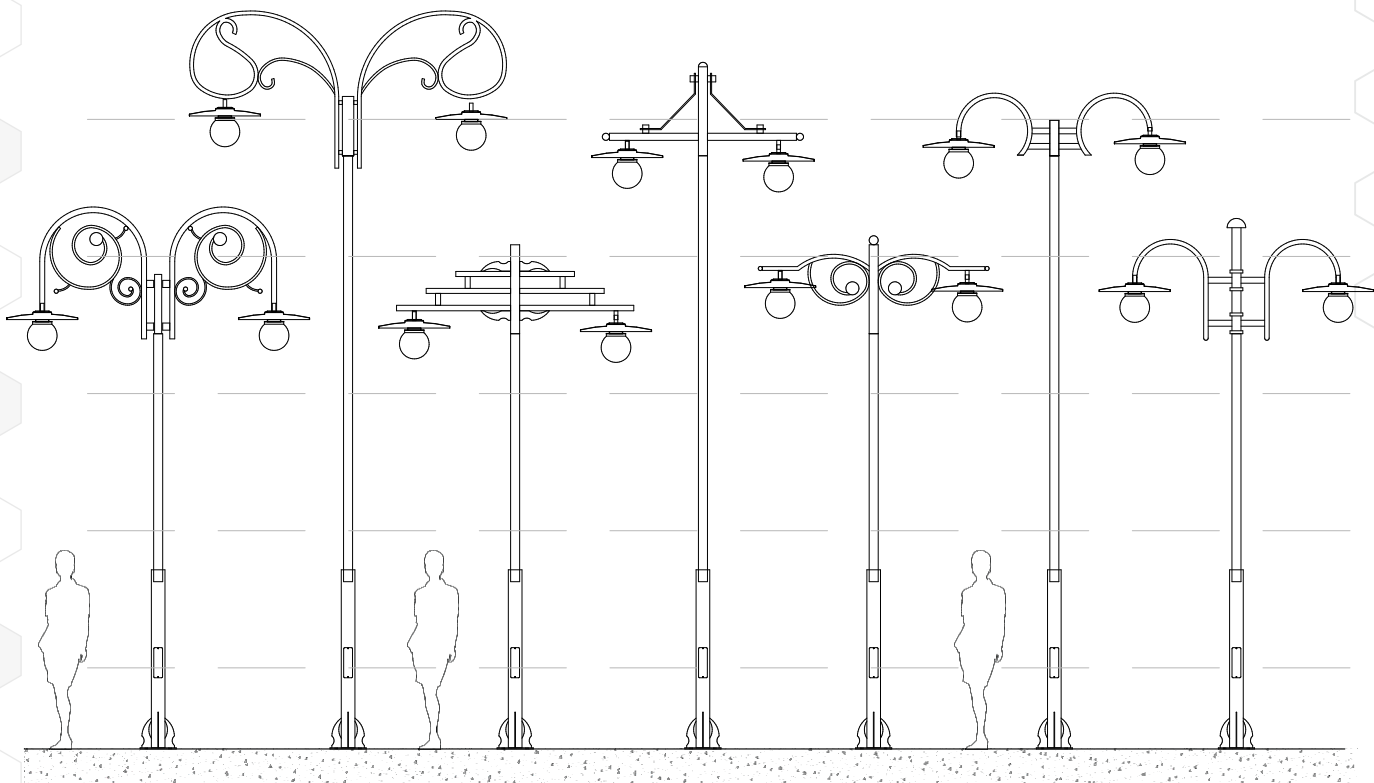
Housing: NOVA make Luminaire comprises multiple compartment heavy spun aluminum *AiNL* Top Housing, with mounting clamps for rigid fixing for Pole. Clear/Frosted Globe for Diffused Area lighting.

Optical: The Optical Compartment comprises a high efficiency Globe for Diffused area Lighting

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.



STREET / AREA LIGHTING





APPLICATIONS



INGRESS PROTECTION

IP RATING: IP65

LAMP SUITABILITY



DIMENSIONS

Luminaire

Suggested Column Height: 4500mm - 6000mm	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 / COB	SYMM	35W
NL-554-4501PLED	45W Power LED	SYMM	45W

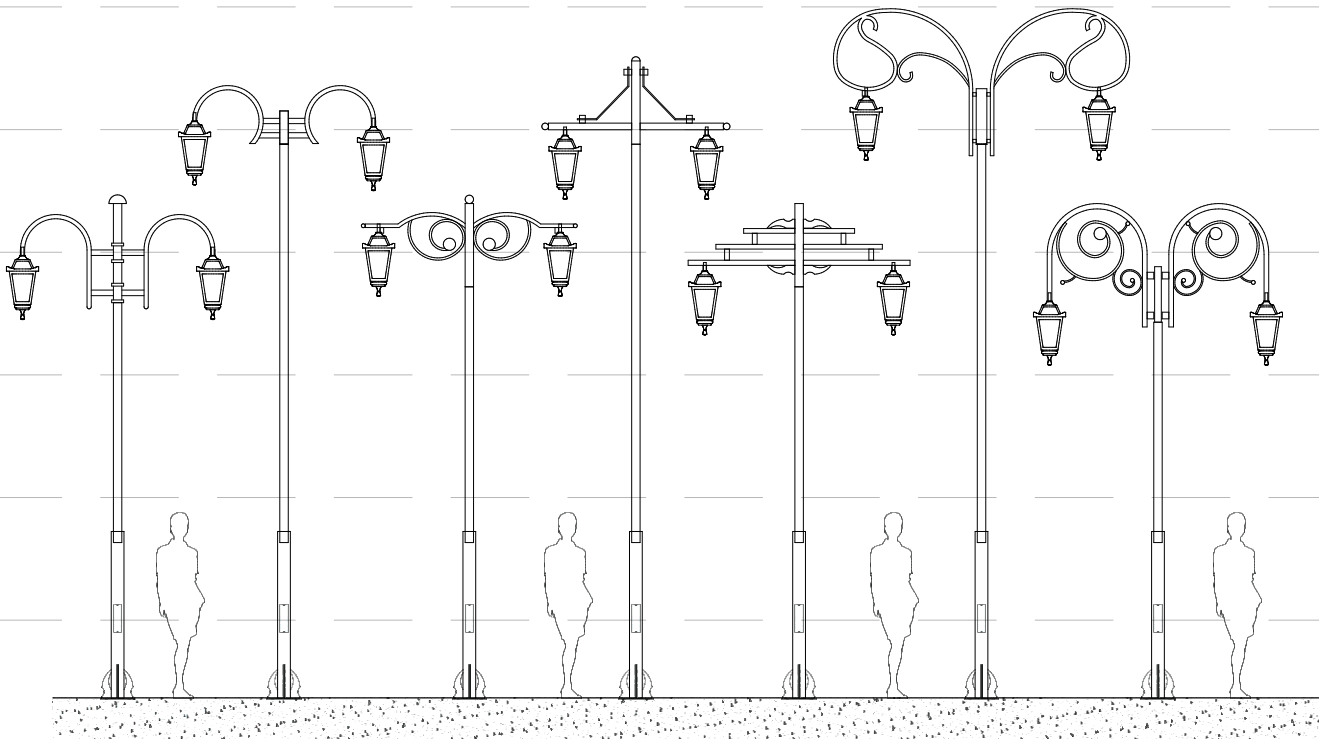
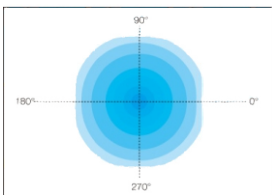
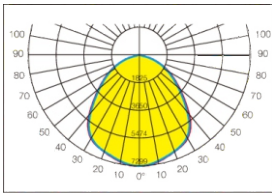
LUMINAIRE DESCRIPTION

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.

Photometry



NL-566-5 LANDSCAPE ELEMENT



APPLICATIONS



LAMP SUITABILITY



DIMENSIONS

Luminaire

Suggested Column Height 9000mm	Luminaire Length 533mm	Luminaire Height 330mm
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ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS
NL-566-5-70MH	70W MH-G12	DIRECT OMNI
NL-566-5-150MH	150W MH-G12	DIRECT OMNI
COLUMN CODE	HEIGHT	
NL-C9xxxxxx	9000mm	

DESCRIPTION FIXTURE

STREET LIGHT LUMINAIRE

Housing: MS/Aluminum angle housing with toughened glass diffuser. MS square column for fixing of luminaire to column. PU coating of desired color.

Electrical: Luminaire suitable for metal halide lamp driven of Metal Halide IBU all duly wired and connected with lamp holder for optimal lighting output.

Optical: Glare and lighting distribution control louvers.

TRIANGULARARCHITECTURALLIGHT

DESCRIPTION COLUMN

Lighting Column made of 10 swg MS pipe sections, duly machined, welded. Column is provided with a heavy Base plate duly welded and provided with welded 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.

MOUNTING SUITABILITY

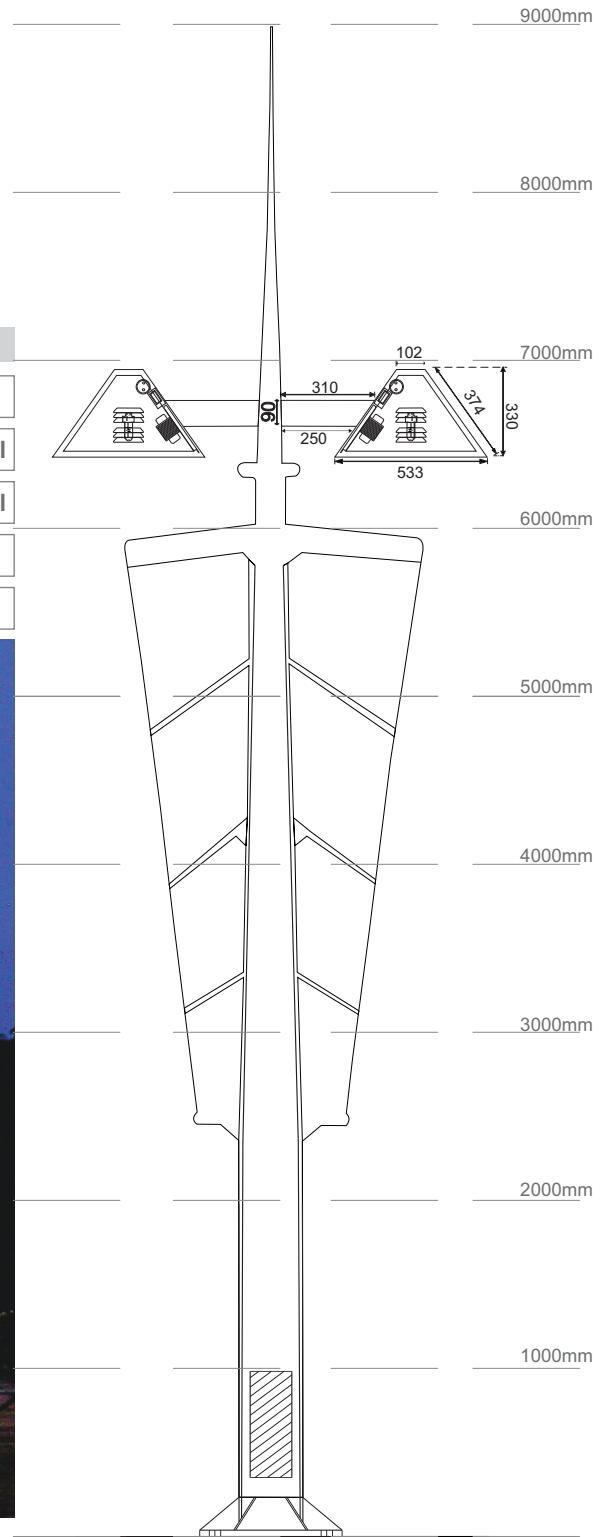
FLOOR STANDING ON
PCC PEDESTAL



Distribution

NOTE

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

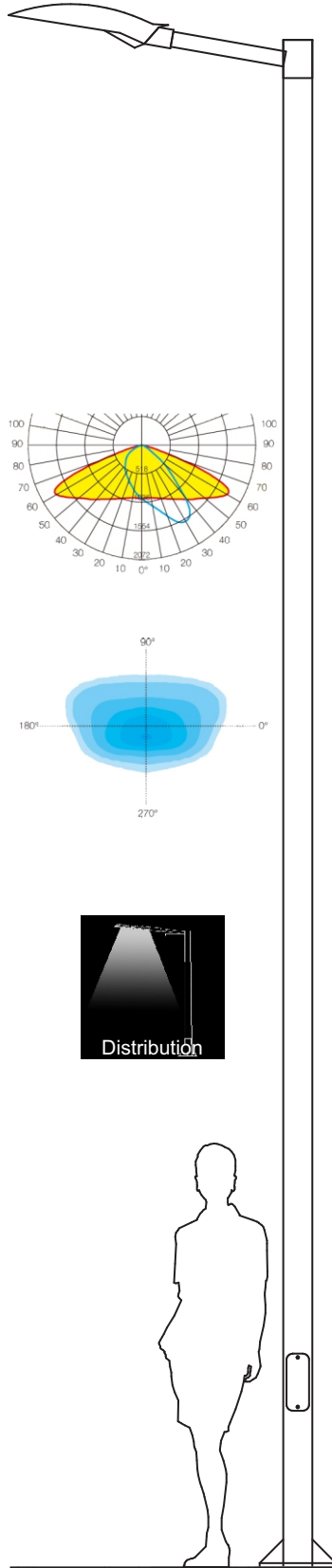


STREET / AREA LIGHTING





NL-SLT-NHAI-PLED



APPLICATIONS



LAMP SUITABILITY



DIMENSIONS

Small Housing

Width. 225mm	Length. 450mm
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Big Housing

Width. 300mm	Length. 650mm	Optimal Column Height 5000mm - 7000mm
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LUMINAIRE ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
24W STREET LIGHTING LUMINAIRE			
NL-SLT-NHAI-2401PLED-WW	24 x 1W LED - 3000K	T2-T3 OPTICS	24W
NL-SLT-NHAI-2401PLED-NW	24 x 1W LED - 4000K	T2-T3 OPTICS	24W
NL-SLT-NHAI-2401PLED-CW	24 x 1W LED - 6500K	T2-T3 OPTICS	24W
30W STREET LIGHTING LUMINAIRE			
NL-SLT-NHAI-6001PLED-WW	30 x 1W LED - 3000K	T2-T3 OPTICS	30W
NL-SLT-NHAI-6001PLED-NW	30 x 1W LED - 4000K	T2-T3 OPTICS	30W
NL-SLT-NHAI-6001PLED-CW	30 x 1W LED - 6500K	T2-T3 OPTICS	30W
45W STREET LIGHTING LUMINAIRE			
NL-SLT-NHAI-4501PLED-WW	45 x 1W LED - 3000K	T2-T3 OPTICS	45W
NL-SLT-NHAI-4501PLED-NW	45 x 1W LED - 4000K	T2-T3 OPTICS	45W
NL-SLT-NHAI-4501PLED-CW	45 x 1W LED - 6500K	T2-T3 OPTICS	45W
60W STREET LIGHTING LUMINAIRE			
NL-SLT-NHAI-6001PLED-WW	60 x 1W LED - 3000K	T2-T3 OPTICS	60W
NL-SLT-NHAI-6001PLED-NW	60 x 1W LED - 4000K	T2-T3 OPTICS	60W
NL-SLT-NHAI-6001PLED-CW	60 x 1W LED - 6500K	T2-T3 OPTICS	60W
75W STREET LIGHTING LUMINAIRE			
NL-SLT-NHAI-7501PLED-WW	75 x 1W LED - 3000K	T2-T3 OPTICS	75W
NL-SLT-NHAI-7501PLED-NW	75 x 1W LED - 4000K	T2-T3 OPTICS	75W
NL-SLT-NHAI-7501PLED-CW	75 x 1W LED - 6500K	T2-T3 OPTICS	75W

NOTE

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

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NL-SLT-NHAI-PLED



LUMINAIRE DESCRIPTION

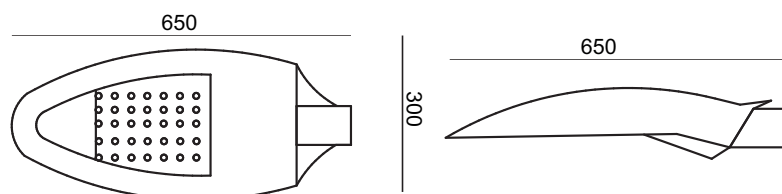
LED STREET LIGHTING LUMINAIRE

Housing: Heavy Duty 2 Part *AiNL* Die Cast Aluminum body with inbuilt heat dissipation fins. Heat resistant *AiNL* toughened glass diffuser, mounted on endless silicone rubber gasket for ingress protection from dust water and insects for life long performance with allen head screws of marine grade SS. Mounting socket of inner dia 60 mm with allen head screws. Luminaire precision finished using *AiNL Fabrication Technique* and Powder Coated & PU painted for Long life application.

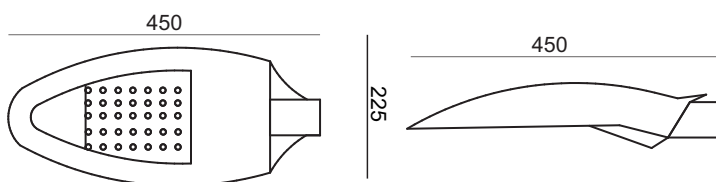
Electrical Compartment: Power supply comprises of AC-DC / DC-DC. Constant Current / Constant Voltage Solid State Electronic Driver with precise current / Voltage Control, Wide Operating Voltage Rang, Short Circuit / Open Circuit, High Voltage / Surge Protection, Thermal Cut Off Protection for extended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

Optical Component: High efficiency *AiNL* LED Elliptical Distribution lens for 30 Deg x 60Deg across , 90Deg along road for street lighting distribution.

Drawing



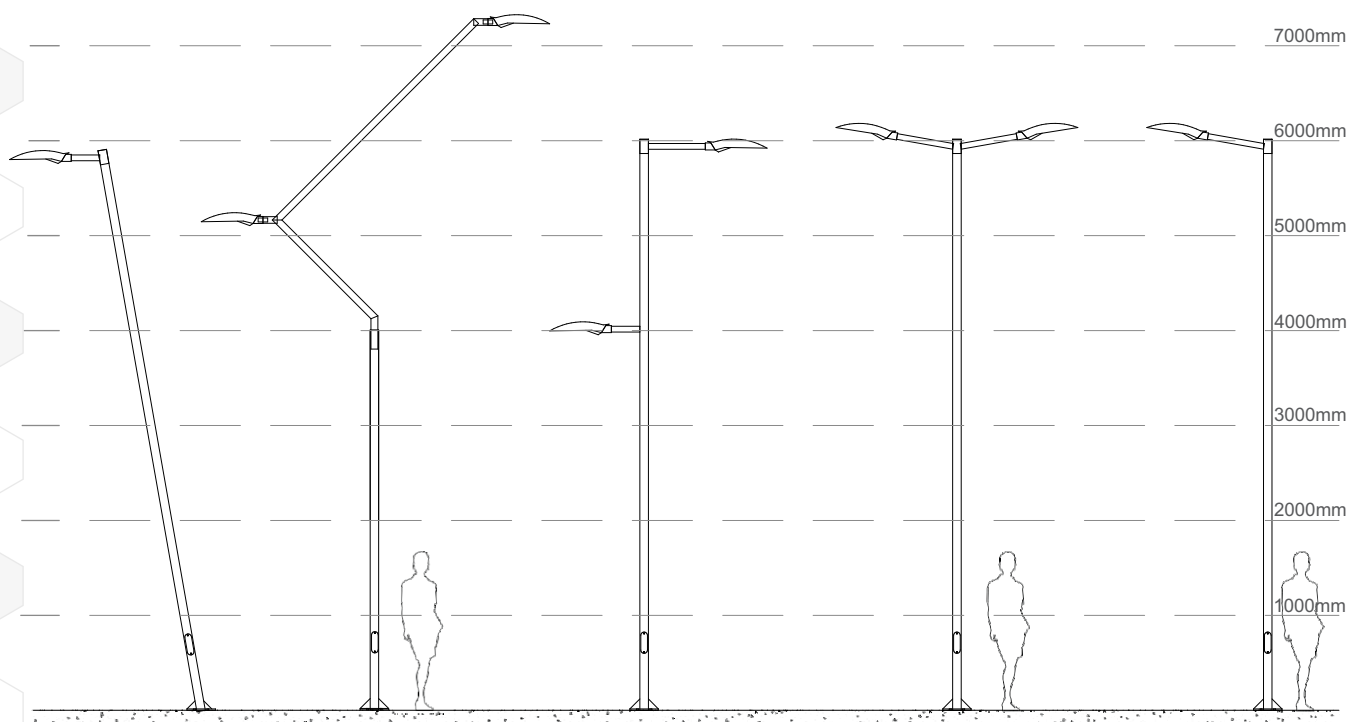
Big Housing: Suitability for 60W, 75W & 90W



Small Housing: Suitability for 24W, 30W & 45W



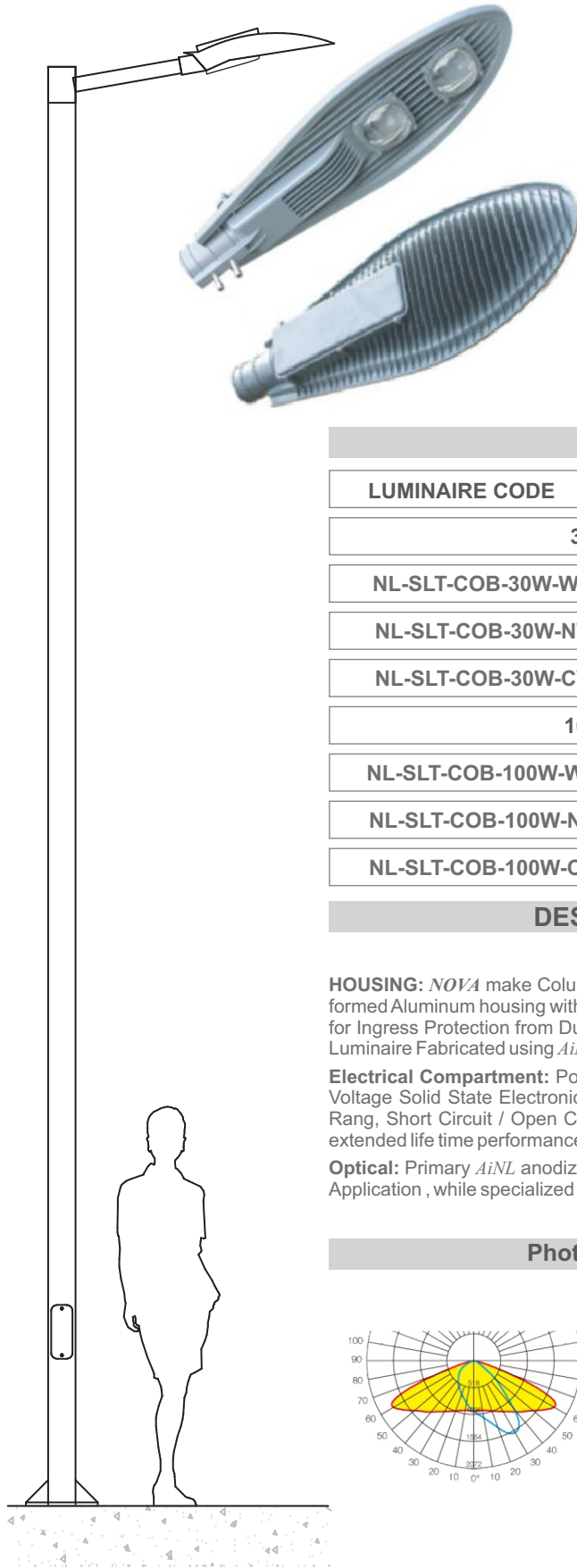
STREET / AREA LIGHTING





NL-SLT-COB-30W-100

STREET / AREA LIGHTING



APPLICATIONS



LAMP SUITABILITY



DIMENSIONS

Small Housing		Big Housing		
Width. 225mm	Length. 450mm	Optimal Column Height 5000mm - 7000mm	Width. 300mm	Length. 650mm

ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
30W STREET LIGHTING LUMINAIRE			
NL-SLT-COB-30W-WW	30 x 1W LED - 3000K	T2-T3 OPTICS	30W
NL-SLT-COB-30W-NW	30 x 1W LED - 4000K	T2-T3 OPTICS	30W
NL-SLT-COB-30W-CW	30 x 1W LED - 6500K	T2-T3 OPTICS	30W
100W STREET LIGHTING LUMINAIRE			
NL-SLT-COB-100W-WW	100 x 1W LED - 3000K	T2-T3 OPTICS	100W
NL-SLT-COB-100W-NW	100 x 1W LED - 4000K	T2-T3 OPTICS	100W
NL-SLT-COB-100W-CW	100 x 1W LED - 6500K	T2-T3 OPTICS	100W

DESCRIPTION STREET LUMINAIRE

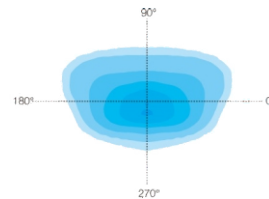
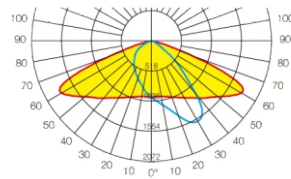
STREET LIGHTING LUMINAIRE

HOUSING: NOVA make Column mounted Architectural Street Lighting Luminaire. *AiNL* Heavy Gauge formed Aluminum housing with *AiNL* Clear Glass Diffuser with EPDM gasket sealed with silicon sealant for Ingress Protection from Dust, water and insects. Heavy Duty MS Arm for pole mounting suitability. Luminaire Fabricated using *AiNL Fabrication Technique*.

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 Rang, Short Circuit / Open Circuit, High Voltage / Surge Protection, Thermal Cut Off Protection for extended life time performance.

Optical: Primary *AiNL* anodized aluminum reflector Cut-Off Optics reflector system for Street Lighting Application, while specialized street lighting *AiNL* lenses for LED Lamps.

Photometry



INGRESS PROTECTION

IP RATING: IP65



XXX

NL-ST-CNCH-2



APPLICATIONS

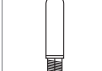


LAMP SUITABILITY

150/250 W
MH.
G12 Base



150/250 W
HPSV.
E27 Base



DIMENSIONS

Luminaire

Width
280mm

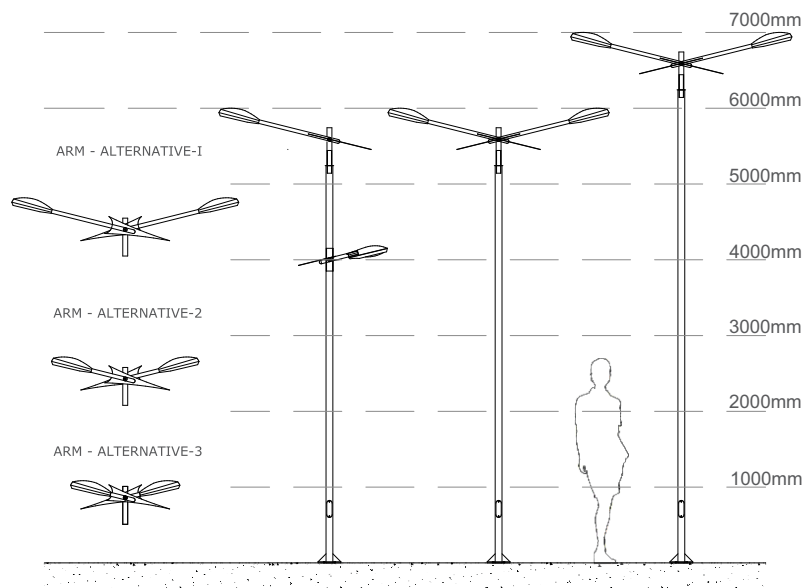
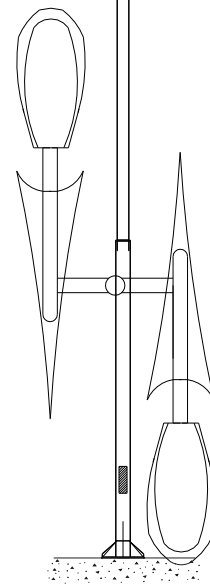
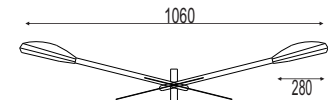
Length
530mm

ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS
NL-ST-CNCH-2-150MH	150W MH-E40	SEMI CUTOFF
NL-ST-CNCH-2-250MH	250W MH-E40	SEMI CUTOFF
NL-ST-CNCH-2-150SV	150W HPSV-E40	SEMI CUTOFF
NL-ST-CNCH-2-250SV	250W HPSV-E40	SEMI CUTOFF

DESCRIPTION FIXTURE

NOVA make Luminaire comprises multiple compartment heavy cast aluminum *AiNL* housing, 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 *AiNL* reflector, a tempered *AiNL* glass diffuser, mounted through insect resistant gasket.



STREET / AREA LIGHTING

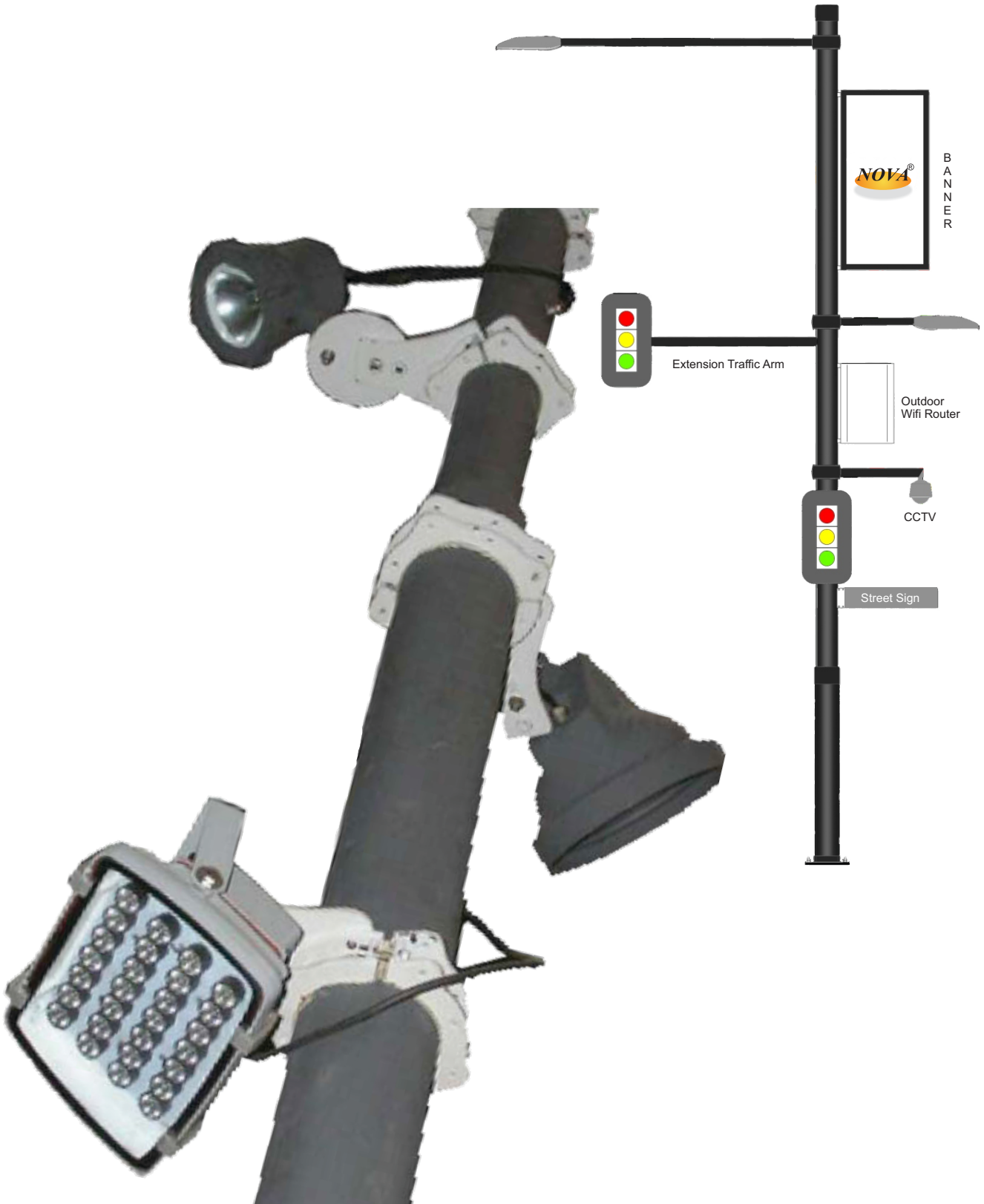




NL-MULTI POLE - CUSTOMIZED

Multiple fixture mounting on single pole

STREET / AREA LIGHTING



XXX

NL-MULTI SPOT - CUSTOMIZED



Multiple fixture mounting on single pole

APPLICATIONS



FIXTURE & LAMP SUITABILITY

Suitable for Spot, Flood & Architectural Luminaires including RGB & RGBW with DMX FUNCTIONALITY

DIMENSIONS

Luminaire

POLE CLAMPS Suitable for mounting on 165mm, 114mm, 89mm & 76mm Pole Diameter

Water Proof Cable Gland Access at 500mm & 1000mm

INGRESS PROTECTION

IP RATING for wire entries: IP65

ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts		
Mounting Option: 3000mm - 4000mm Height Pole					
NL-JI-1565-15W-PLED	15W POWER LED	Na(22°),Me(36°),Wide(54°)	15W		
NL-JI-5882-20W-PLED	20W POWER LED	Na(22°),Me(36°),Wide(54°)	20W		
NL-JLY-24W-PLED	24W Power LED Lamp	9°,15°,24°,36°,45°	24W		
NL-6887-702W-PLED	14W Power LED Lamp	9°,15°,24°,36°,45°	14W		
NL-6888-1202W-PLED	24W Power LED Lamp	9°,15°,24°,36°,45°	24W		
Mounting Option: 4000mm - 5000mm Height Pole					
NL-JLY-2401PLED	24x1W PWR LED Lamp	9°,15°,24°,36°,45°	24W		
NL-JLY-2402W-PLED	40W PLED LAMP	15°,24°,36°,45°	40W		
NL-JLY-40W-COB	40W COB LED	WIDE FLOOD	40W		
Mounting Option: 5000mm - 7500mm Height Pole					
NL-FAD-150-MLED	150W MID POWER LED	WIDE FLOOD	150W		
NL-FAD-250-MLED	250W MID POWER LED	WIDE FLOOD	250W		
NL-FAD-TRIF-60-2PLED	120 W - POWER LED	9°,15°,24°,36°,45°	120W		
Column Mounting Suitability					
3Meter Pole	4Meter Pole	5Meter Pole	6Meter Pole	7Meter Pole	9Meter Pole



STREET / AREA LIGHTING



NL-JI-1565-15W-PLED



NL-6887-702W-PLED



NL-JI-5882-20W-PLED



NL-6888-1202W-PLED



NL-JLY-40W-COB



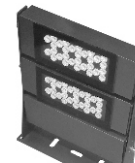
NL-JLY-24W-PLED



NL-FAD-250-MLED
NL-FAD-150-MLED



NL-FAD-TRIF-60-2PLED



NOTE

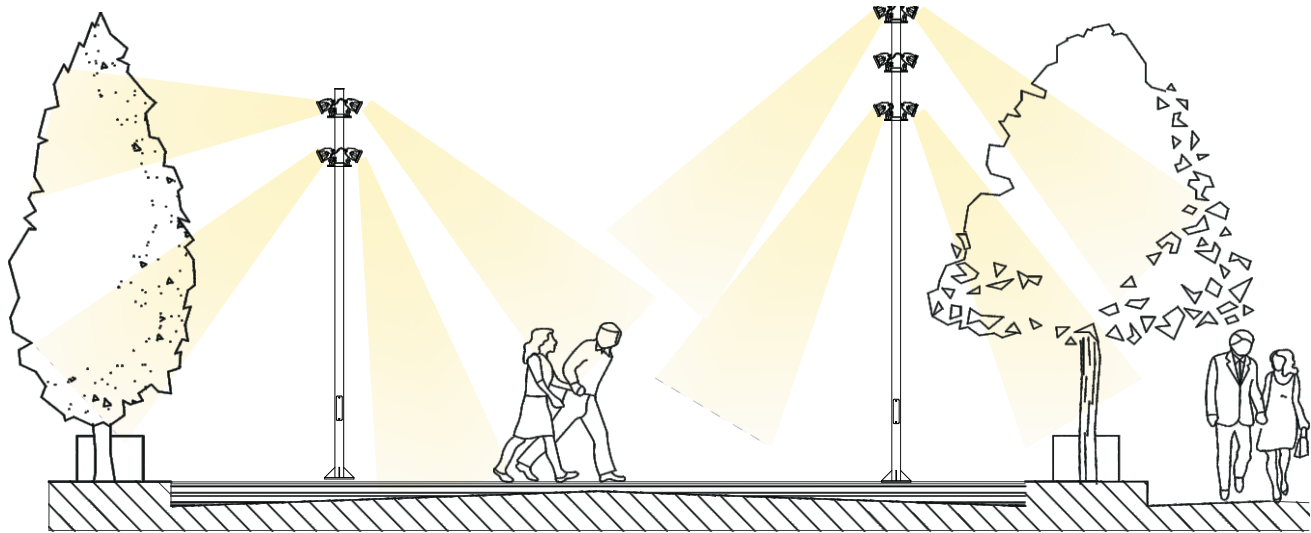
- PLEASE REFER DATA SHEETS / TDS FOR INDIVIDUAL LUMINAIRES FOR FURTHER APPLICATION INFORMATION DIMENSIONS & LAMPS SUITABILITY
- Luminaire is offered SEPARATELY as well as with coordinated decorative column. Please specify your requirement.



NL-MULTI SPOT - CUSTOMIZED

Multiple fixture mounting on single pole

STREET / AREA LIGHTING



ORDERING METHOD

Quantity of Spots x Luminaire Code + POLE HEIGHT

Example

- 6 x NL-JLY-40COB + 6mts Pole
- 4 x NL-JI-1565-1201PLED + 4mts Pole
- 4 x NL-JLY-2401PLED + 4mts Pole
- 2 x NL-JI-6888-1202PLED + 3mts Pole
- 3 x NL-FAD-150W-MLED + 6mts Pole
- 2 x NL-FAD-TRF-60-2-PLED+9 mts Pole

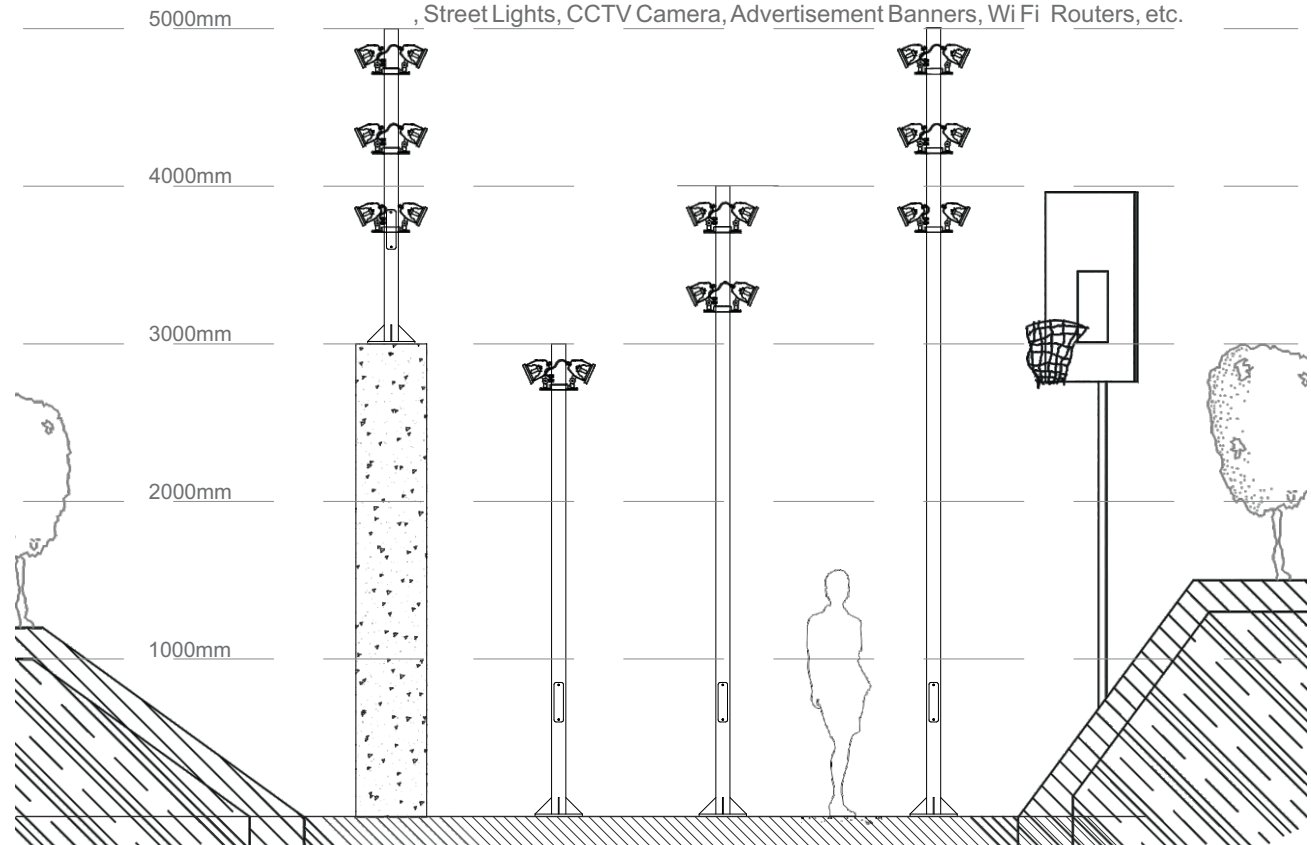
DESCRIPTION COLUMN

LIGHTING COLUMN

NOVA make Lighting Column made of 10 swg MS pipe section in single length of 165mm, 114mm, 089mm, 076mm of single length or stepped pole using various combination of above pipe lengths for variable height required., 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 welded supports for stability. An integral junction Chamber is provided along with a 6 Amps SP MCB and 4 way 10 sq mm connector block.

Automotive PU Paint: Column and luminaire are fine finished and *AiNL* method painted with long lasting PU based automotive paint.

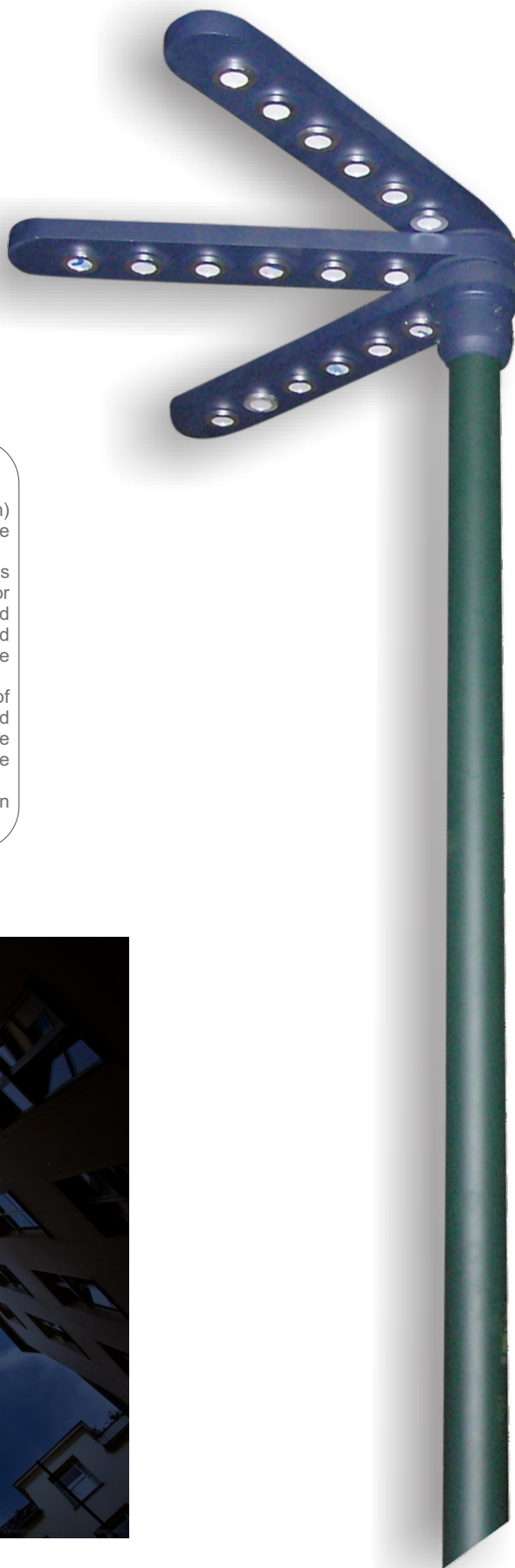
MOUNTING CLAMPS: NOVA make Luminaire provided with mounting clamps for pipe of 165mm, 114mm, 089mm, 76mm Pole Diameter for fixture of Spot Lights, Flood Lights, Street Lights, CCTV Camera, Advertisement Banners, Wi Fi Routers, etc.



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NL-SLT-COB-AZIMUTH-1801PLED **NOVA**[®]

LED STREET LIGHTING



DESIGN inspiration AZIMUTH

'Wikipedia'

The azimuth is the angle formed between a reference direction (North) and a line from the observer to a point of interest projected on the same plane as the reference direction.

An from Arabic السميت as-samt, meaning "a way, a part, or quarter"[1]) is an angular measurement in aspherical coordinate system. The vector from an observer (origin) to a point of interest is projected perpendicularly onto a reference plane; the angle between the projected vector and a reference vector on the reference plane is called the azimuth.

An example is the position of a star in the sky. The star is the point of interest, the reference plane is the horizon or the surface of the sea, and the reference vector points north. The azimuth is the angle between the north vector and the perpendicular projection of the star down onto the horizon.^[2]

Azimuth is usually measured in degrees (°). The concept is used in navigation, astronomy, engineering, mapping, mining and artillery.



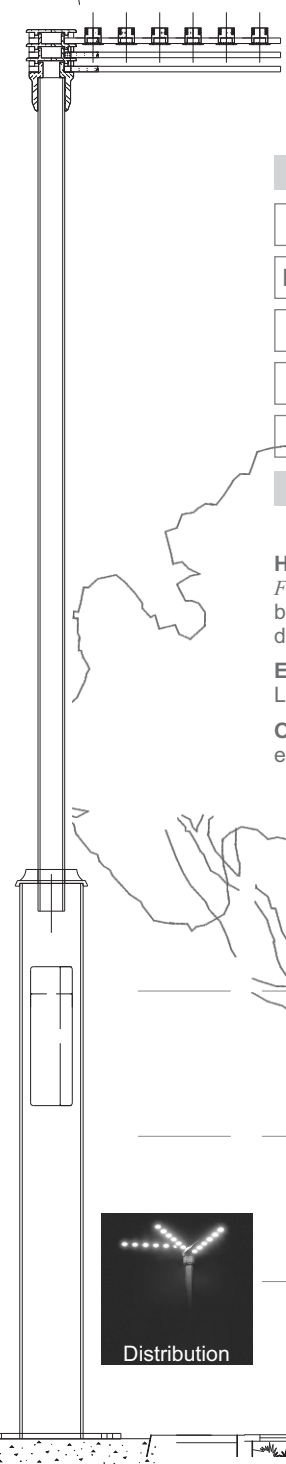
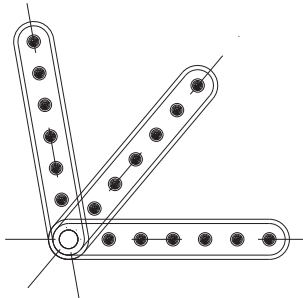
STREET / AREA LIGHTING



XXX

NOVA[®] NL-SLT-COB-AZIMUTH-1801PLED

STREET / AREA LIGHTING



APPLICATIONS



LAMP SUITABILITY



INGRESS PROTECTION

IP Rating: IP65
IK Rating: IK10

DIMENSIONS

Luminaire

Luminaire Length 400mm	Each Hand Width 75mm	Luminaire Height 100mm
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ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-SLT-AZIMUTH-1801PLED-WW	3 x 6 x 1W Warm White LED	Direct Elliptical	18W
NL-SLT-AZIMUTH-1801PLED-NW	3x6x1W Neutral White LED	Direct Elliptical	18W
NL-SLT-AZIMUTH-1801PLED-CW	3 x 6 x 1W Cool White LED	Direct Elliptical	18W
Suggested Column Height		1500mm - 3000mm	

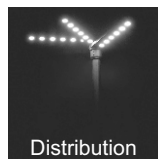
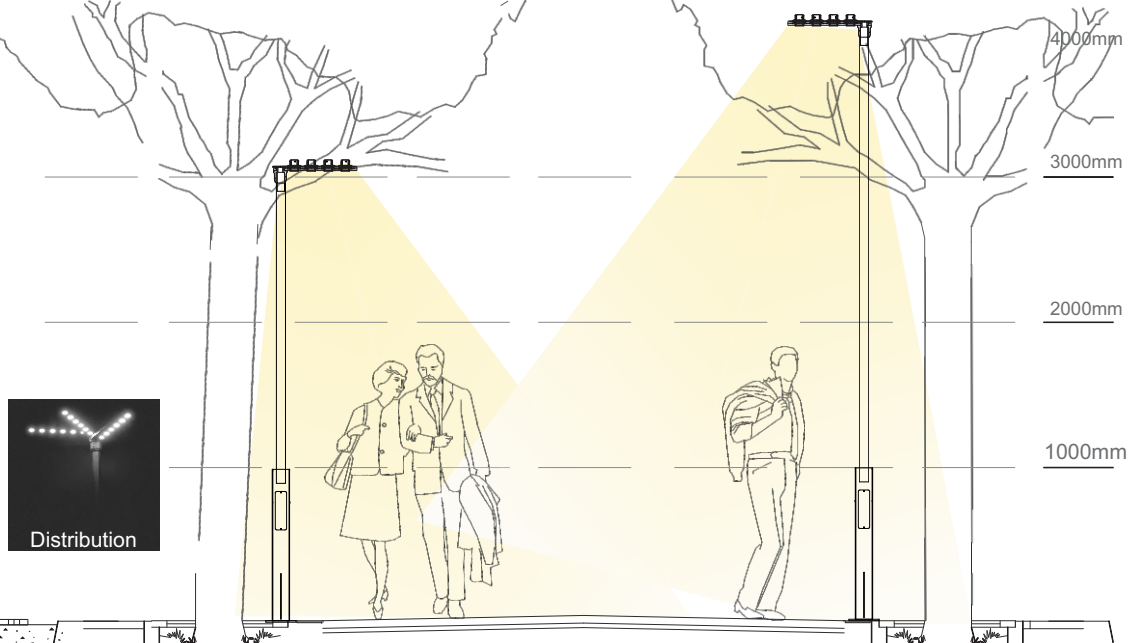
DESCRIPTION FIXTURE

CONTEMPORARY LOW HEIGHT STREET LIGHT

HOUSING: NOVA Make Luminaire comprises heavy Aluminum housing, duly fabricated using *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 glass/ Acrylic diffuser mounted through insect resistant gasket & silicon sealant.

ELECTRICAL: Integral control gear comprising high efficiency constant current *AiNL* LED driver for LED&COB.

OPTICAL: The Optical Compartment comprises a *AiNL* high efficiency reflector COB Lamp, high efficiency LED *AiNL* Lenses for LED's.



XXX

NL-SLT-DOLPHIN-401-4PLED

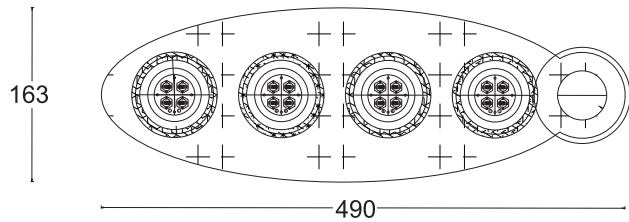
LED STREET LIGHTING



DESIGN inspiration DOLPHIN

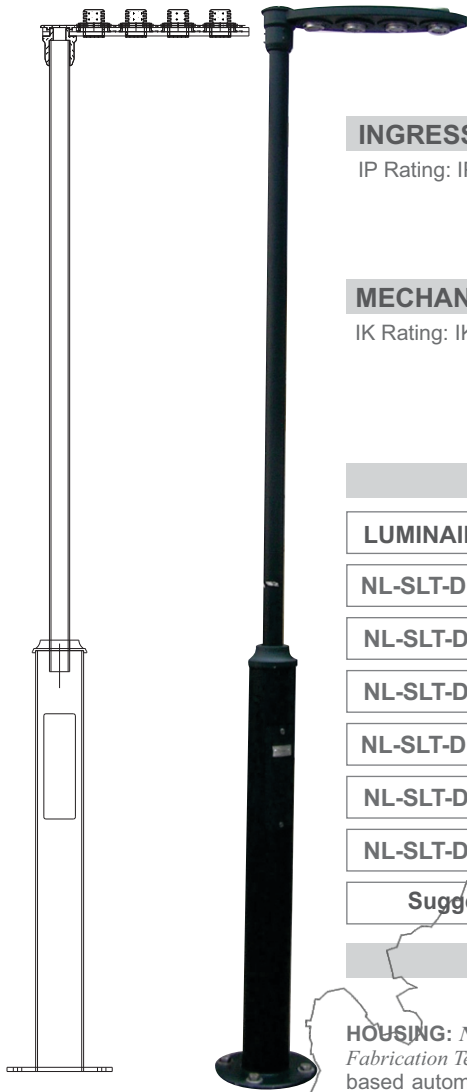
'Wikipedia'

Dolphins are marine mammals closely related to whales and porpoises. There are almost forty species of dolphin in 17 genera. They vary in size from 1.2 m (4 ft) and 40 kg (90 lb) (Maui's dolphin), up to 9.5 m (30 ft) and 10 tonnes (9.8 long tons; 11 short tons) (the orca or killer whale). They are found worldwide, mostly in the shallower seas of the continental shelves and are carnivores, eating mostly fish and squid. The family Delphinidae, the largest in the Cetacean order, evolved relatively recently, about ten million years ago during the Miocene.



STREET / AREA LIGHTING





APPLICATIONS



LAMP SUITABILITY



INGRESS PROTECTION

IP Rating: IP65

MECHANICAL PROTECTION

IK Rating: IK10

DIMENSIONS

Luminaire

Column Height. 1500mm - 4500mm	Luminaire. Length 500mm	Luminaire Width 165mm
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ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-SLT-DOLPHIN-4-401PLED-WW	4 x 4 x1W Warm White LED	Direct	16W
NL-SLT-DOLPHIN-4-401PLED-NW	4x4x1W Neutral White LED	Direct	16W
NL-SLT-DOLPHIN-4-401PLED-CW	4 x 4 x 1W Cool White LED	Direct	16W
NL-SLT-DOLPHIN-4-601PLED-WW	4x4x1.5W Warm White LED	Direct	24W
NL-SLT-DOLPHIN-4-601PLED-NW	4x4x1.5W Neutral White LED	Direct	24W
NL-SLT-DOLPHIN-4-601PLED-CW	4x4x1.5W Cool White LED	Direct	24W
Suggested Column Height		1500mm - 4500mm	

DESCRIPTION FIXTURE

DECORATIVE LANDSCAPE LUMINAIRE

HOUSING: NOVA make Luminaire comprises heavy duty cast aluminum, duly fabricated using *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.

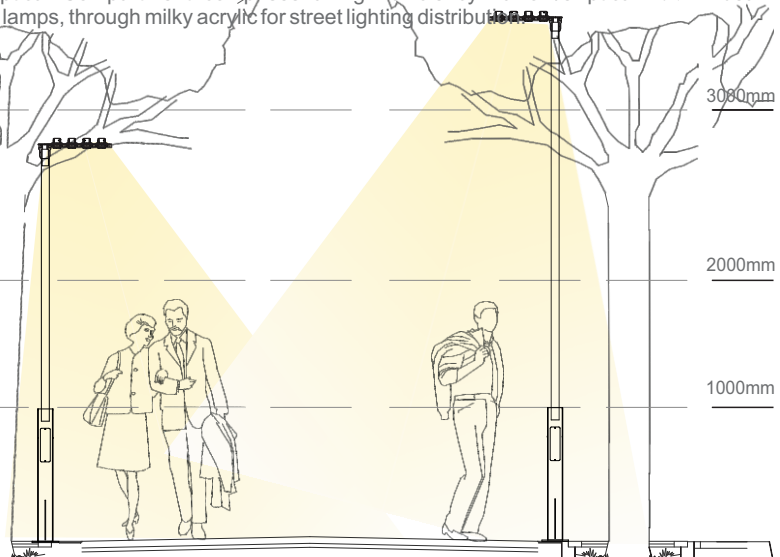
ELECTRICAL: High efficiency constant current *AiNL* LED driver for LED's LED Lamp mounted on aluminum sandwich PCB with mounted LED. 4000mm

OPTICAL: The Optical Compartment comprises a high efficiency narrow/elliptical *AiNL* beam distribution for LED lamps, through milky acrylic for street lighting distribution.

DESCRIPTION-COLUMN

DECORATIVE FINE FINISHED

NOVA make Lighting MS/ALUMINUM 114mm & 76mm combination Outer Diameter Column made of 10 swg MS/Aluminum 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 surface finished, primed, buffed and painted with PU based automotive paint to ensure long service life.



NL-SLT-ROULETTE-8-401PLED

LED STREET LIGHTING



DESIGN inspiration ROULETTE

'Wikipedia'

Roulette is a [casino](#) game named after a [French diminutive](#) for little wheel. In the game, players may choose to place bets on either a single number or a range of numbers, the colors red or black, or whether the number is odd or even. To determine the winning number and color, a [croupier](#) spins a wheel in one direction, then spins a ball in the opposite direction around a tilted circular track running around the [circumference](#) of the wheel. The ball eventually loses [momentum](#) and falls on to the wheel and into one of 37 (in French/European roulette) or 38 (in American roulette) colored and numbered pockets on the wheel.



STREET / AREA LIGHTING

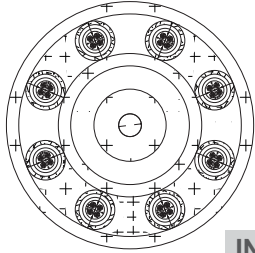


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NL-SLT-ROULETTE-8-401PLED

STREET / AREA LIGHTING



APPLICATIONS



LAMP SUITABILITY



INGRESS PROTECTION

IP Rating: IP65

DIMENSIONS

Luminaire

Column Height. 1500mm - 4500mm	Luminaire. Length 500mm	Luminaire Width 165mm
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ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-SLT-ROULETTE-8-401PLED-WW	8 x 4 x1W Warm White LED	Direct Elliptical	32W
NL-SLT-ROULETTE-8-401PLED-NW	8x4x1W Neutral White LED	Direct Elliptical	32W
NL-SLT-ROULETTE-8-401PLED-CW	8 x 4 x 1W Cool White LED	Direct Elliptical	32W
Suggested Column Height	1500mm - 4500mm		

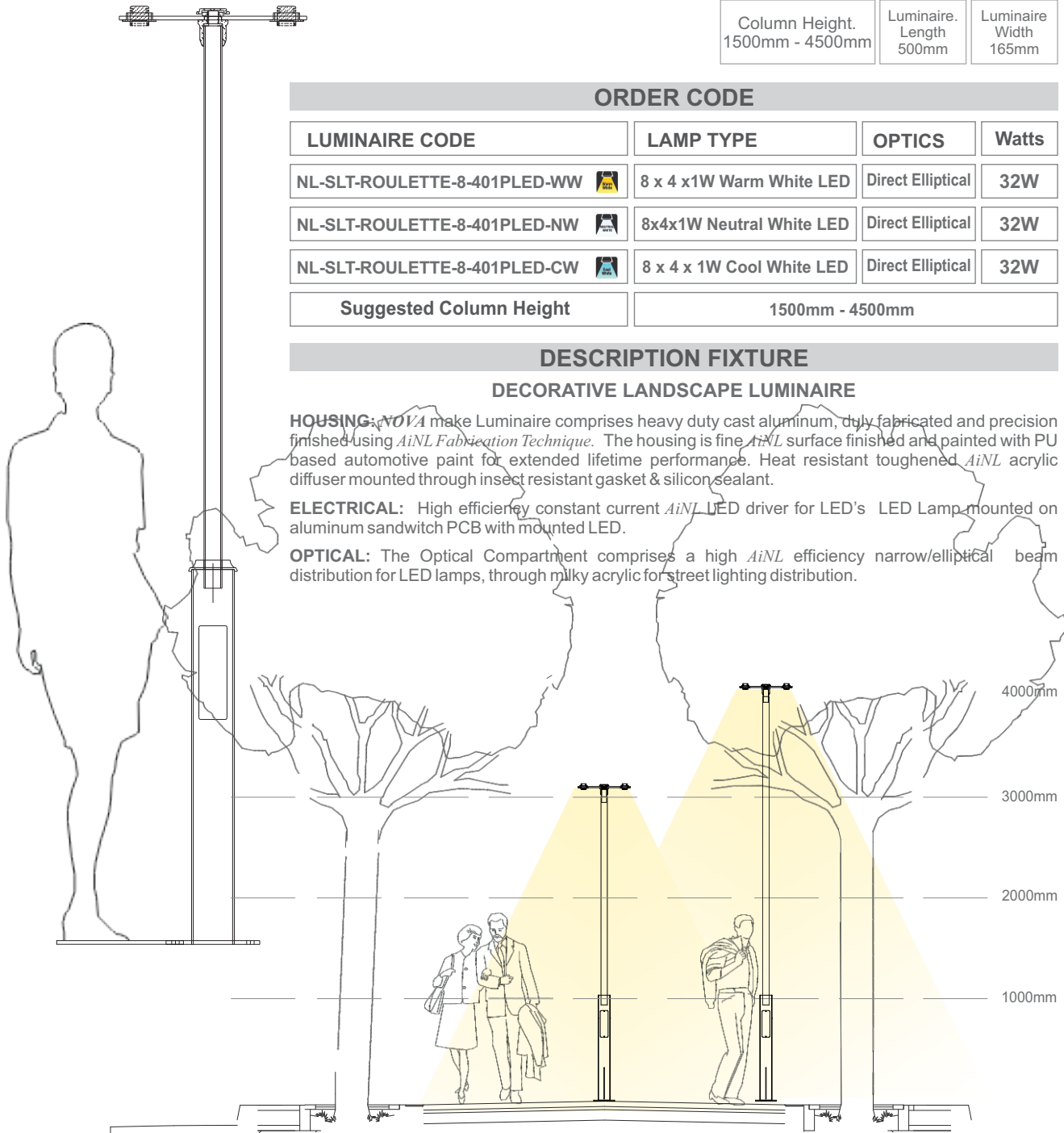
DESCRIPTION FIXTURE

DECORATIVE LANDSCAPE LUMINAIRE

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

ELECTRICAL: High efficiency constant current *AiNL* LED driver for LED's LED Lamp mounted on aluminum sandwich PCB with mounted LED.

OPTICAL: The Optical Compartment comprises a high *AiNL* efficiency narrow/elliptical beam distribution for LED lamps, through milky acrylic for street lighting distribution.



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NL-RHS-16339



APPLICATIONS



LAMP SUITABILITY



DIMENSIONS

Luminaire

Luminaire Height: 795mm	Luminaire Width: 305mm	Column Height: 3000mm	Overall Height: 3800mm
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ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-RHS-16339-30W-PLED	30 x 1W Power LED	STANDARD	30W
NL-RHS-16339-45W-COB	1 x 45W Power COB	STANDARD	45W

DESCRIPTION FIXTURE

STREET LIGHTING LUMINAIRE

HOUSING: NOVA Column mounted Architectural Street Lighting Luminaire. Heavy Gauge formed Aluminum *AiNL* housing Clear Glass Diffuser with EPDM gasket sealed with silicon sealant for Ingress Protection from Dust, water and insects. Heavy Duty MS *AiNL* Arm for pole mounting suitability. Heavy Duty Cast Aluminum mounting arm also available upon request.

Electrical: Luminaire suitable for LED Lamps. Heavy Duty Control Gear comprising , LED Lamps driven by Constant Current *AiNL* LED Driver for Optimal Lighting efficiency.

Optical: Primary *AiNL* anodized aluminum reflector Cut-Off Optics reflector system for Street Lighting Application , while specialized street lighting *AiNL* lenses for LED Lamps.

DESCRIPTION COLUMN

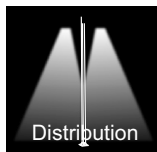
NOVA Lighting Column, duly machined, welded using *AiNL Fabrication Technique* and stress relieved for long service life. Column is provided with a heavy Base plate duly welded and provided with welded supports for stability. An integral junction Chamber is provided along with a 6 Amps SP MCB and 4 way 10 sq mm connector block. Column and luminaire are fine finished and *AiNL* painted with long lasting PU based automotive paint.

MOUNTING SUITABILITY

FLOOR STANDING ON FOUNDATION PEDESTAL

INGRESS PROTECTION

IP RATING: IP65



Distribution



RHS-16339

STREET / AREA LIGHTING

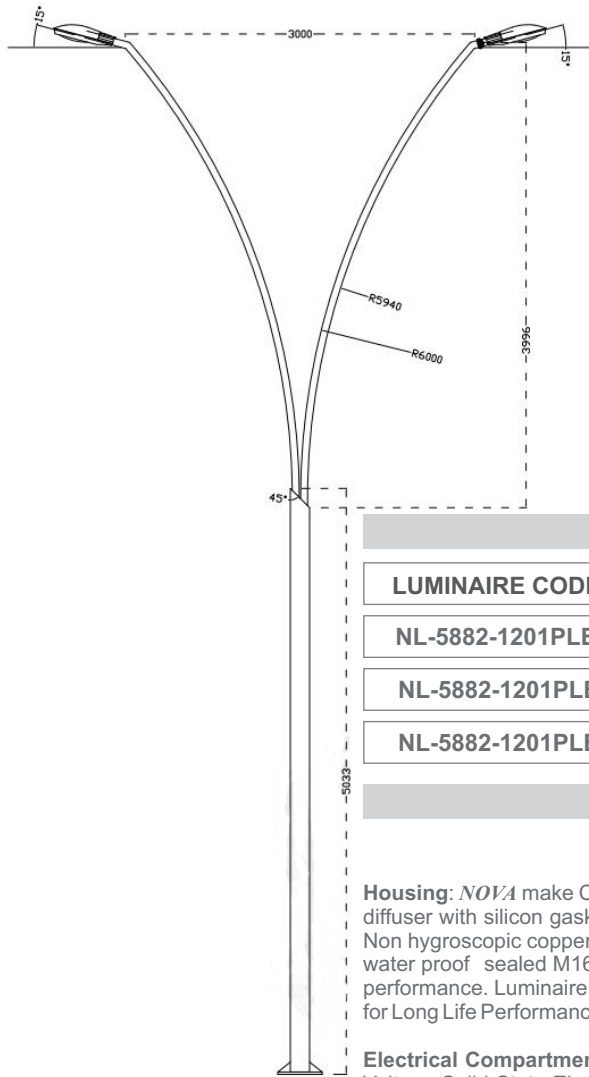
NOTE

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



NL-5882-PELICAN

STREET / AREA LIGHTING



APPLICATIONS



LAMP SUITABILITY



DIMENSIONS

Luminaire

Luminaire Height 9029mm	Luminaire Diameter 135mm	Luminaire Depth 3000mm
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ORDER CODE

LUMINAIRE CODE	LAMP TYPE	OPTICS	Watts
NL-5882-1201PLED-WW	12 x 1W Warm White	7°,15°,24°,36°	12W
NL-5882-1201PLED-NW	12 x 1W Neutral White	7°,15°,24°,36°	12W
NL-5882-1201PLED-CW	12 x 1W Cool White	7°,15°,24°,36°	12W

DESCRIPTION FIXTURE

SURFACE MOUNTED SPOT LUMINAIRE

Housing: NOVA make Cast Aluminum housing and top cover machined and finished, toughened glass diffuser with silicon gasket and sealant to ensure complete water, insect and dust ingress protection. Non hygroscopic copper wire PVC sheathed cable of adequate length is provided. Cable exit through water proof sealed M16 cable gland. Cast & Machined Aluminum AiNL Stand for heavy duty long life performance. Luminaire Precision Finished by AiNL fabrication technique & PU Based Automotive Paint for Long Life Performance.

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 Component: AiNL High Efficiency LED Lens for varied lighting application.

MOUNTING SUITABILITY

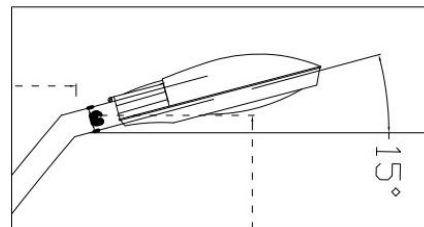
WALL MOUNTED / FLOOR STANDING

INGRESS PROTECTION

IP RATING: IP65

NOTE

The luminaire is water ingress protected but is not water submersible



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