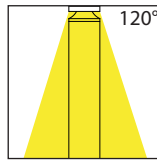
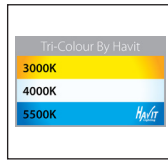


# Noray Aluminium Black Bollard Lights



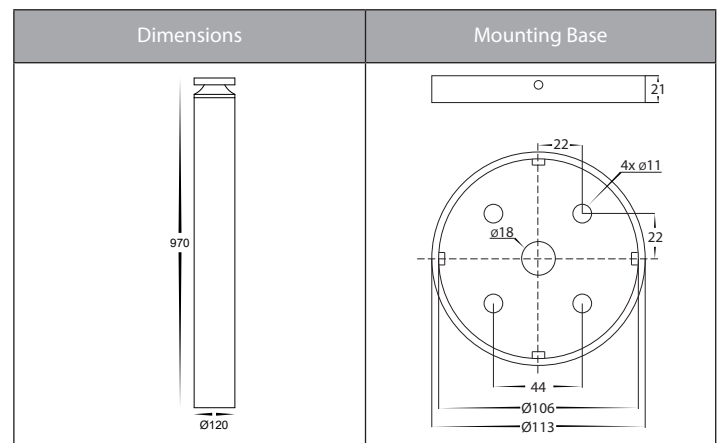
## Product Specifications

Name	Noray
Material	Aluminium
Colour	Poly Powder Coated Black
IP Rating	IP65
Installation Type	Ground - Surface Mounted
Lamp Base	Built in LED
Max Wattage	12w
Protection Class	240v = 1 (Requires Earth) 24v DC = 3 (No Earth Required)
Lamp Expectancy	<30,000hrs
Diffuser Type	Frosted Perspex
CRI	CRI>80
Dimmable	No
IK Rating	IK10
Warranty	3 Years Replacement*



## Optional Havit Compatible Accessories

Image	Part Number	Description
	24v DC LED Drivers	See Catalogue or Website for full range of 24v DC LED Drivers
	HV1607	Optional spike for installation into ground.



## Product Ordering

Part Number	Colour Temp	Lumens	Input Voltage	Beam Angle	Included LED	Barcode
<b>HV1639T-BLK-240V</b>	3000k 4000k 5500k	285lm 330lm 305lm	240v AC	120°	<b>TRI Colour</b> 12w Built in LED	9350418027733
<b>HV1639T-BLK-24V</b>	3000k 4000k 5500k	285lm 330lm 305lm	24v DC	120°	<b>TRI Colour</b> 12w Built in LED	9350418027740

\*Items ordered after 01-01-2022

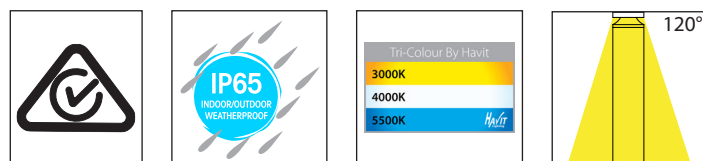


# Noray Aluminium Black Bollard Lights



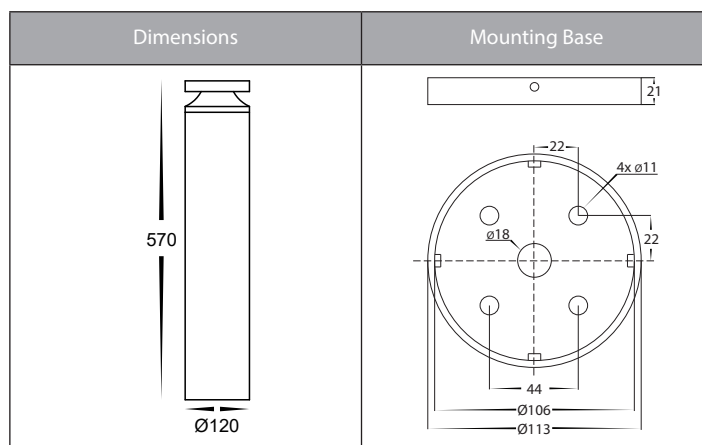
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## Optional Havit Compatible Accessories

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	24v DC LED Drivers	See Catalogue or Website for full range of 24v DC LED Drivers
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## Product Ordering

Part Number	Colour Temp	Lumens	Input Voltage	Beam Angle	Included LED	Barcode
<b>HV1638T-BLK-240V</b>	3000k 4000k 5500k	285lm 330lm 305lm	240v AC	120°	<b>TRI Colour</b> 12w Built in LED	9350418027719
<b>HV1638T-BLK-24V</b>	3000k 4000k 5500k	285lm 330lm 305lm	24v DC	120°	<b>TRI Colour</b> 12w Built in LED	9350418027726

\*Items ordered after 01-01-2022

