



Spine F 2 Ultra HP

Outdoor luminaire designed by Vincent Van Duysen

Description

Family of outdoor, professional and adjustable projectors designed by Vincent Van Duysen. The product is characterized by a minimalist and elegant design suitable for the most varied contexts, from residential to hotel environments.

Lamp

Lamps Type	Power LED
Wattage	17 W
Output Nominal	1803 lm, 1868 lm
Color Temperature	3000K, 4000K
Color rendering	CRI80

Optical

Beam Angle	14.5° → 52°
Lighting Type	Direct
Light Distribution	Symmetric

Physical

Material	Aluminum
Aiming	Adjustable
Weight	3.9 Pounds
Ingress Protection Rating	IP66
Finishes	Powder Coating

18 Deep Brown

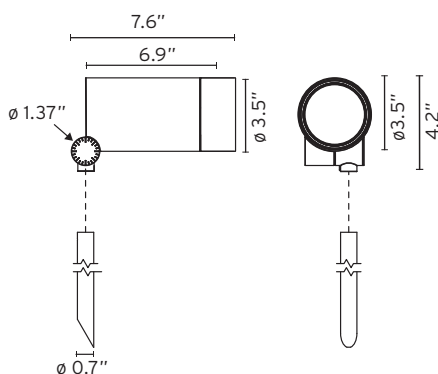
30 Black



Finishes 01 White, 06 Grey, 12 Forest Green and 33 Anthracite, available on request.

01 06 12 33

Installation type	Ground
Environment	Outdoor / Wet location



Certifications



ADA Compliant

Suitable for Wet locations

Photometrics

For current IES files please visit professional.flos.com/en-US/us

Warranty

2 years from date of sale.



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Electrical & Control

Voltage	120 - 277V
Control	Non Dimmable and 1-10V
Driver	Integrated

Performance

Maximum delivered output	1497 lm, 1548 lm
Efficacy	106 lm/W

Notes

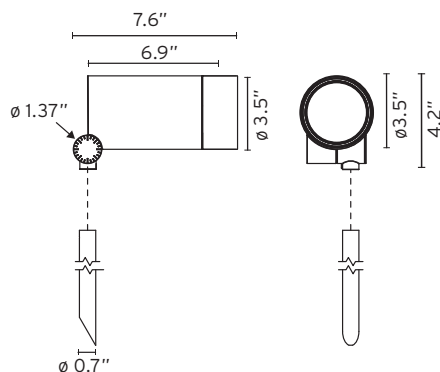
Painted versions are an exterior rated epoxy polyester powder coat finish for superior strength, heat and UV resistance.

During installation and maintenance avoid scratching or damaging the finish as it may result in premature corrosion of metal surfaces. Avoid cleaning fixtures with corrosive chemicals as it may result in voiding the warranty.

LED fixtures are highly susceptible to failure due to electrical effects from poor connections, and electrical short circuits. These are frequently caused by (a) overvoltage from primary voltage sources, (b) electrostatic discharge from the exterior environment.

Ensure that all outdoor fixtures are installed on GFI circuits as required by code, and use proper surge protecting devices to avoid irreversible damages to electrical components.

2200K and 2700K available on request.



Certifications



ADA Compliant

Suitable for Wet locations

Photometrics

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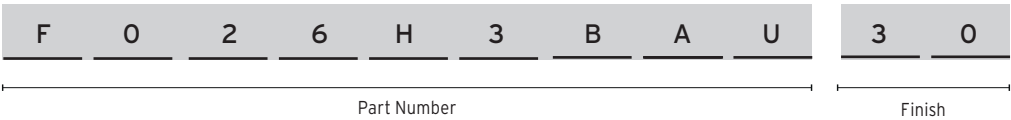
Warranty

2 years from date of sale.


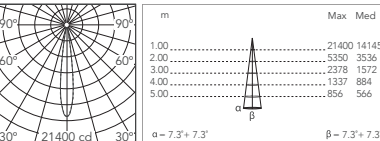







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How to specify



Spine F 2 Ultra HP - Optic Spot

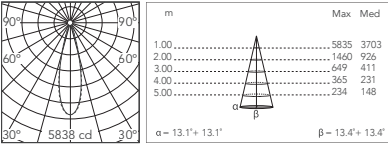
Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics
F026H3BAU30	 Black	3000	17	1803	1497	14.5°	80	Non Dimmable	
F026H3BAU18	 Deep Brown								
F026H4BAU30	 Black	4000	17	1868	1548				
F026H4BAU18	 Deep Brown								
F026H3BBU30	 Black	3000	17	1803	1497	14.5°	80	Dimmable 1-10V	
F026H3BBU18	 Deep Brown								
F026H4BBU30	 Black	4000	17	1868	1548				
F026H4BBU18	 Deep Brown								

Spine F 2 Ultra HP


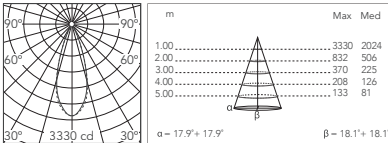







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How to specify

Spine F 2 Ultra HP - Optic Medium Flood

Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics
F026H3CAU30	Black	3000	17	1803	1386	26°	80	Non Dimmable	
F026H3CAU18	Deep Brown								
F026H4CAU30	Black	4000	17	1868	1434				
F026H4CAU18	Deep Brown								
F026H3CBU30	Black	3000	17	1803	1386	26°	80	Dimmable 1-10V	
F026H3CBU18	Deep Brown								
F026H4CBU30	Black	4000	17	1868	1434				
F026H4CBU18	Deep Brown								

Spine F 2 Ultra HP - Optic Flood


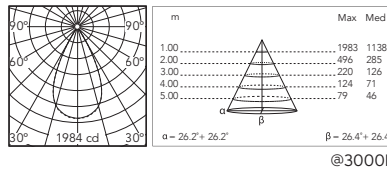







Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics
F026H3DAU30	 Black	3000	17	1803	1351	36°	80	Non Dimmable	
F026H3DAU18	 Deep Brown								
F026H4DAU30	 Black	4000	17	1868	1397				
F026H4DAU18	 Deep Brown								
F026H3DBU30	 Black	3000	17	1803	1351	36°	80	Dimmable 1-10V	
F026H3DBU18	 Deep Brown								
F026H4DBU30	 Black	4000	17	1868	1397				
F026H4DBU18	 Deep Brown								

Spine F 2 Ultra HP


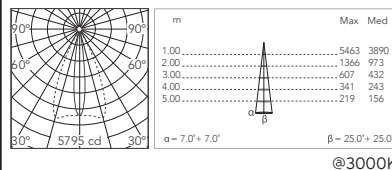







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How to specify

Spine F 2 Ultra HP - Optic Wide Flood

Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics
F026H3EAU30	 Black	3000	17	1803	1357	52°	80	Non Dimmable	
F026H3EAU18	 Deep Brown								
F026H4EAU30	 Black	4000	17	1868	1411				
F026H4EAU18	 Deep Brown								
F026H3EBU30	 Black	3000	17	1803	1357	52°	80	Dimmable 1-10V	
F026H3EBU18	 Deep Brown								
F026H4EBU30	 Black	4000	17	1868	1411				
F026H4EBU18	 Deep Brown								

Spine F 2 Ultra HP - Optic Elliptical 1


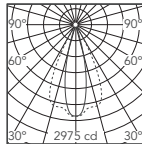
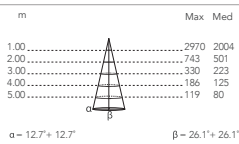







Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics
F026H3FAU30	 Black	3000	17	1803	1364	14° x 50°	80	Non Dimmable	
F026H3FAU18	 Deep Brown								
F026H4FAU30	 Black	4000	17	1868	1410				
F026H4FAU18	 Deep Brown								
F026H3FBU30	 Black	3000	17	1803	1364	14° x 50°	80	Dimmable 1-10V	
F026H3FBU18	 Deep Brown								
F026H4FBU30	 Black	4000	17	1868	1410				
F026H4FBU18	 Deep Brown								

Spine F 2 Ultra HP


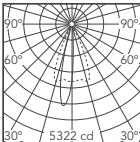







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How to specify

Spine F 2 Ultra HP - Optic Elliptical 2

Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics
F026H3GAU30	 Black	3000	17	1803	1351	25° x 52°	80	Non Dimmable	 
F026H3GAU18	 Deep Brown								
F026H4GAU30	 Black	4000	17	1868	1393				
F026H4GAU18	 Deep Brown								
F026H3GBU30	 Black	3000	17	1803	1351	25° x 52°	80	Dimmable 1-10V	
F026H3GBU18	 Deep Brown								
F026H4GBU30	 Black	4000	17	1868	1393				
F026H4GBU18	 Deep Brown								


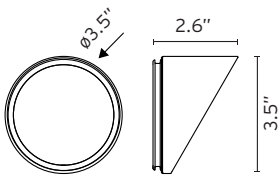

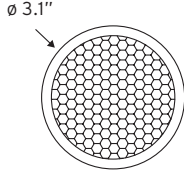
Spine F 2 Ultra HP - Optic Wall Washer


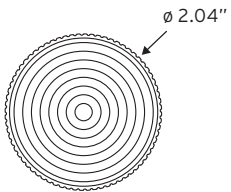

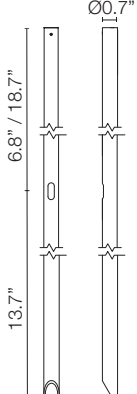
Part Number	Finish	CCT	Watts	Initial Lumens	Delivered Lumens	Beam Angle	CRI	Control	Photometrics																		
F026H3HAU30	 Black	3000	17	1803	1325		80	Non Dimmable	 <table><thead><tr><th>m</th><th>Max</th><th>Med</th></tr></thead><tbody><tr><td>1.00</td><td>4759</td><td>3405</td></tr><tr><td>2.00</td><td>1190</td><td>851</td></tr><tr><td>3.00</td><td>529</td><td>378</td></tr><tr><td>4.00</td><td>297</td><td>213</td></tr><tr><td>5.00</td><td>190</td><td>136</td></tr></tbody></table> <p>$\alpha = 7.2^\circ + 7.5^\circ$ $\beta = 25.1^\circ + 25.1^\circ$</p> <p>@3000K</p>	m	Max	Med	1.00	4759	3405	2.00	1190	851	3.00	529	378	4.00	297	213	5.00	190	136
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F026H4HBU18	 Deep Brown																										

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Optional Accessories

<p>Visor</p> <div><div></div><div>F026Z050018</div><div>F026Z050030</div></div> <div></div> <div></div>	<p>Honeycomb</p> <div><div></div><div>F026Z060000</div></div> <div></div> <div></div>
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<p>Converter Lenses</p> <div><div><div>- Converter Spine 2 Optic Medium Flood</div><div>- Converter Spine 2 Optic Flood</div><div>- Converter Spine 2 Optic Wide Flood</div><div>- Converter Spine 2 Optic Elliptic 1</div><div>- Converter Spine 2 Optic Elliptic 2</div><div>- Converter Spine 2 Optic Wall Washer</div></div><div><div>F029Z020000</div><div>F029Z021000</div><div>F029Z022000</div><div>F029Z023000</div><div>F029Z024000</div><div>F029Z025000</div></div></div> <div></div> <div></div>	<p>Pole with an overground length of 200 - 500 mm for ground installation.</p> <div><div><div>7.8"</div><div><div></div><div>F026Z020018</div><div>F026Z020030</div></div></div><div><div>19.6"</div><div><div></div><div>F026Z030018</div><div>F026Z030030</div></div></div></div> <div></div> <div></div>
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