



SHELL.5



SHELL.3



SHELL.1



SHELL.0



SHELL.MINI



SHELL.NANO

CIRCULAR PROJECTORS
SHELL SERIES

SHELL.5



IP66



IK09



CREE XP-G



RECYCLE



FAILURE RATE
< 0,1% after 25,000h



LIFE TIME
Tested over 50,000h



MIN -20°C
MAX 55°C



CLASE I



CIRCULAR PROJECTORS SHELL SERIES

References

Code	Type	Finish	Light Color	Power	Lense	Voltage	Driver
☐ VL-SH5	☐ A Base ☐ B Base 2 ☐ C Pole Arm ☐ D Pole mounted ☐ E Stripe mounted ☐ F Nut	☐ LG Light grey ☐ DK Dark grey ☐ WH White ☐ BK Black ☐ RAL Any RAL color	White ☐ W24 2400K ☐ W27 2700K ☐ W30 3000K ☐ W40 4000K ☐ W60 6000K	☐ 45W ☐ 50W	☐ 2,5° (45W) ☐ 12° ☐ 20° ☐ 30° ☐ 40° ☐ 60° ☐ 10x70°	☐ UNIV 100-264Vac ☐ 24 24Vdc	☐ STD ON/OFF ☐ 010 0-10V ☐ DALI ☐ CAS Casambi
Single Color (SC)							
			☐ R Red ☐ B Blue ☐ G Green ☐ A Amber	☐ 45W ☐ 50W	☐ 6° ☐ 12° ☐ 20° ☐ 30° ☐ 40° ☐ 60° ☐ 10x70°	☐ UNIV 100-264Vac ☐ 24 24Vdc	☐ STD ON/OFF ☐ 010 0-10V ☐ DALI ☐ CAS Casambi
RGBW							
			☐ RGBW3 4 in 1 Chip RGB+W3000K ☐ RGBW4 4 in 1 Chip RGB+W4000K	☐ 50W	☐ 15° ☐ 30° ☐ 15x60°	☐ UNIV 100-264Vac ☐ 24 24Vdc	☐ DALI ☐ DMX ☐ CAS Casambi

Reference example

VL-SH5-A-DK-W30-45W-2,5°-UNIV-DALI

Variations



A
Base



B
Base 2



C
Pole Arm
D=45mm



D
Pole mounted
D67-325mm

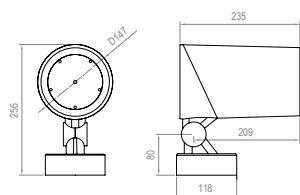


E
Stripe mounted

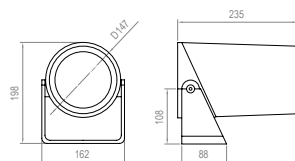


F
Nut (M10x1,5mm)

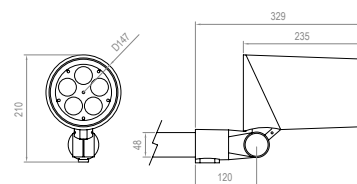
Dimensions



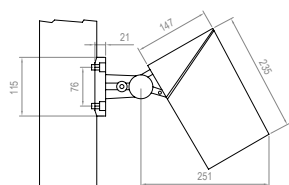
TYPE A



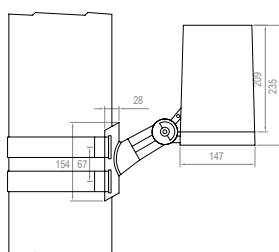
TYPE B



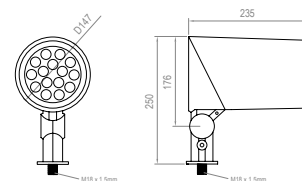
TYPE C



TYPE D



TYPE E



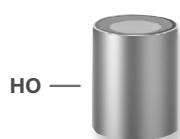
TYPE F

Accessories

Code	Accessories
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☐ VL-SH5

- ☐ HC Honeycomb Grid
- ☐ MSH Mesh
- ☐ HO Hood
- ☐ VS Visor

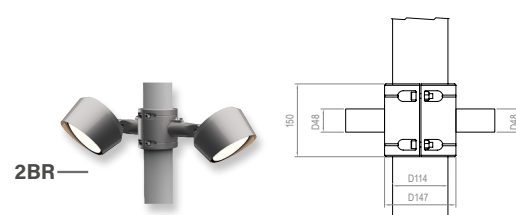
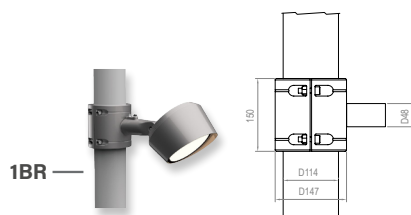
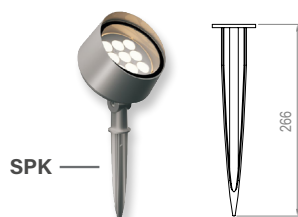


Code	Accessories
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☐ VL-SH5

- ☐ *SPK SPIKE
- ☐ *1BR Bracket for 1 projector
- ☐ *2BR Bracket for 2 projector
- ☐ *BX Elevated Box
- ☐ *CBLX Special length cable

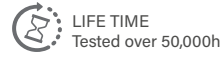
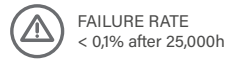
** Must be used with Type F*
** Must be used with Type C*
** Must be used with Type F*
** Instead of X, put length of cable needed*
Example: VL-SH5-CBL-10m



SHELL.3

iotaLAMP

www.iotalamp.com



CIRCULAR PROJECTORS SHELL SERIES

References

Code	Type	Finish	Light Color	Power	Lense	Voltage	Driver
☐ VL-SH3	☐ A Base ☐ B Base 2 ☐ C Pole Arm ☐ D Pole mounted ☐ E Stripe mounted ☐ F Nut	☐ LG Light grey ☐ DK Dark grey ☐ WH White ☐ BK Black ☐ RAL Any RAL color	White ☐ W24 2400K ☐ W27 2700K ☐ W30 3000K ☐ W40 4000K ☐ W60 6000K	☐ 10W ☐ 12W ☐ 15W ☐ 30W	☐ 1,5° (10W) ☐ 2,5° ☐ 6° ☐ 12° ☐ 20° ☐ 30° ☐ 40° ☐ 60° ☐ 5x20° ☐ 10x70°	☐ UNIV 100-264Vac ☐ 24 24Vdc	☐ STD ON/OFF ☐ 010 0-10V ☐ DALI ☐ CAS Casambi
Single Color (SC)							
			☐ R Red ☐ B Blue ☐ G Green ☐ A Amber	☐ 12W ☐ 15W ☐ 30W	☐ 6° ☐ 12° ☐ 20° ☐ 30° ☐ 40° ☐ 60° ☐ 5x20° ☐ 10x70°	☐ UNIV 100-264Vac ☐ 24 24Vdc	☐ STD ON/OFF ☐ 010 0-10V ☐ DALI ☐ CAS Casambi
RGBW							
☐ RGBW3			4 in 1 Chip RGB+W3000K	☐ 12W	☐ 15° ☐ 30° ☐ 15x60°	☐ 24 24Vdc	☐ DALI ☐ DMX ☐ CAS Casambi
☐ RGBW4			4 in 1 Chip RGB+W4000K				

Reference example

VL-SH3-A-WH-W24-10W-1,5°-UNIV-STD

Variations



A
Base



B
Base 2



C
Pole Arm
D=45mm



D
Pole mounted
D67-325mm

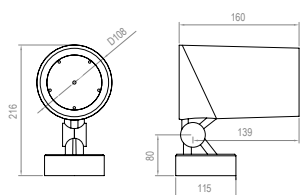


E
Stripe mounted

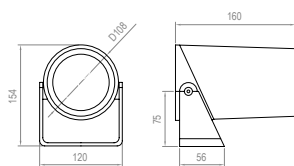


F
Nut (M10x1,5mm)

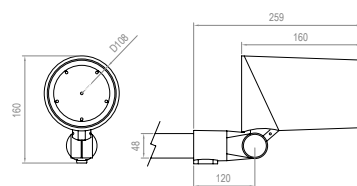
Dimensions



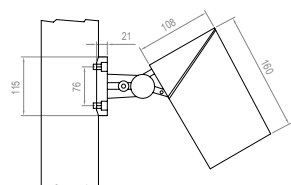
TYPE A



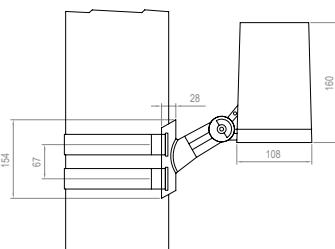
TYPE B



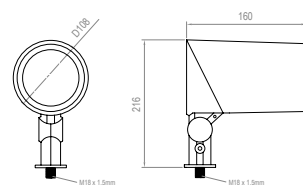
TYPE C



TYPE D



TYPE E



TYPE F

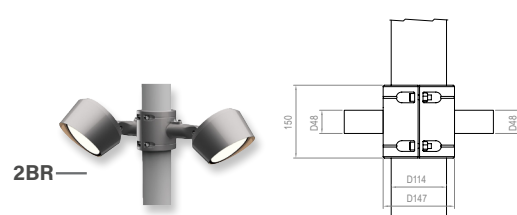
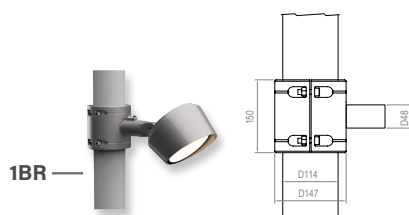
Accessories

Code	Accessories
☐ VL-SH3	☐ HC Honeycomb Grid ☐ MSH Mesh ☐ HO Hood ☐ VS Visor



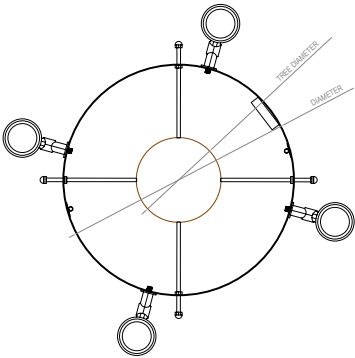
Code	Accessories
☐ VL-SH3	☐ *SPK SPIKE ☐ *1BR Bracket for 1 projector ☐ *2BR Bracket for 2 projector ☐ *BX Elevated Box ☐ *CBLX Special length cable

** Must be used with Type F*
** Must be used with Type C*
** Must be used with Type C*
** Must be used with Type F*
** Instead of X, put length of cable needed*
Example: VL-SH3-CBL-10m

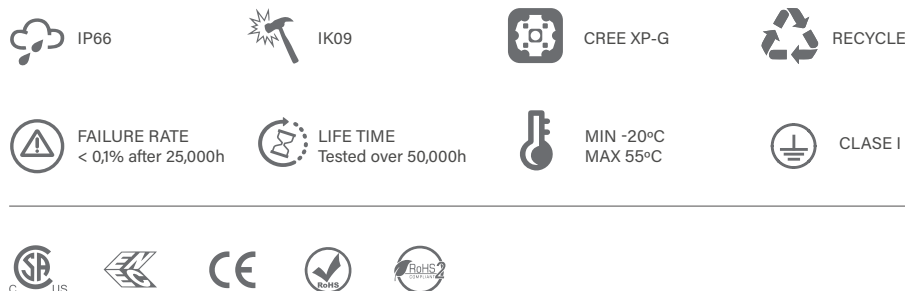


Accessories

Code	Description	Diameter	N° of projectors
☐ VL-SH3	☐ RNG RING	☐ 50 50cm	☐ 2P 2 projectors
		☐ 60 60cm	☐ 3P 3 projectors
		☐ 70 70cm	☐ 4P 4 projectors
		☐ 80 80cm	☐ 6P 6 projectors
			☐ 8P 8 projectors
		<i>Suggested diameter = diameter of tree trunk + 10cm/15cm</i>	
		<i>* projectors references must be order separately</i>	
		<i>** For 24Vdc projectors, ring can allocate 1 power supply for all projectors</i>	



SHELL.1



CIRCULAR PROJECTORS SHELL SERIES

References

Code	Type	Finish	Light Color	Power	Lense	Voltage	Driver	
☐ VL-SH1	☐ A Base ☐ B Base 2 ☐ D Pole mounted ☐ F Nut	☐ LG Light grey ☐ DK Dark grey ☐ WH White ☐ BK Black ☐ RAL Any RAL color	White ☐ W24 2400K ☐ W27 2700K ☐ W30 3000K ☐ W40 4000K ☐ W60 6000K	☐ 10W	☐ 2,5° ☐ 15° ☐ 30° ☐ 60° ☐ 10x70°	☐ 8° ☐ 20° ☐ 40° ☐ 5x20°	☐ UNIV 100-264Vac ☐ 24 24Vdc	☐ STD ON/OFF ☐ R010 Remote 0-10V ☐ RD Remote DALI ☐ RCAS Remote Casambi
White -COB Led module								
			☐ W30 300K ☐ W40 400K	☐ 16W	☐ 15° ☐ 36°	☐ 24° ☐ 50°	☐ UNIV 100-264Vac	☐ R010 Remote 0-10V ☐ RD Remote DALI ☐ RCAS Remote Casambi
Single Color (SC)								
			☐ R Red ☐ B Blue ☐ G Green ☐ A Amber	☐ 10W	☐ 3° ☐ 12° ☐ 30° ☐ 60° ☐ 10x70°	☐ 8° ☐ 20° ☐ 40° ☐ 5x20°	☐ UNIV 100-264Vac ☐ 24 24Vdc	☐ STD ON/OFF ☐ R010 Remote 0-10V ☐ RD Remote DALI ☐ RCAS Remote Casambi
RGBW								
			☐ RGBW3 4 in 1 Chip RGB+W3000K ☐ RGBW4 4 in 1 Chip RGB+W4000K	☐ 8W	☐ 15° ☐ 30° ☐ 15x60°	☐ 20° ☐ 60°	☐ 24 24Vdc	☐ RD Remote DALI ☐ DMX ☐ RCAS Remote Casambi

Reference example

VL-SH1-A-WH-W24-10W-60°-UNIV-STD

Variations



A
Base



B
Base 2

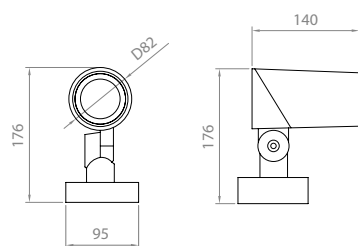


D
Pole mounted
D67-325mm

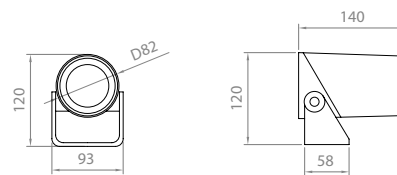


F
Nut (M10x1,5mm)

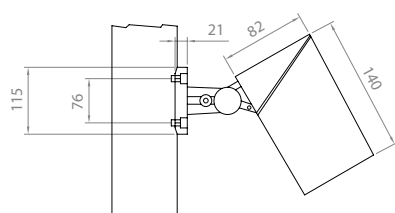
Dimensions



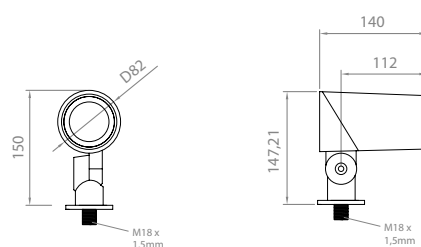
TYPE A



TYPE B



TYPE D



TYPE F

Accessories

Code	Accessories
------	-------------

- | | |
|--|---|
| ☐ VL-SH1 | ☐ HC Honeycomb Grid |
| | ☐ HO Hood |
| | ☐ VS Visor |



HC



HO



VS

Code	Accessories
------	-------------

- | | |
|--|--|
| ☐ VL-SH1 | ☐ *SPK SPIKE |
| | ☐ *1BR Bracket for 1 projector |
| | ☐ *CBLX Special length cable |

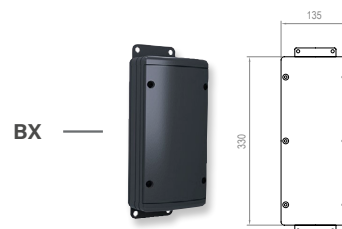
** Must be used with Type F*
** Must be used with Type C*
** Instead of X, put length of cable needed*
Example: VL-SH1-CBL-10m



SPK



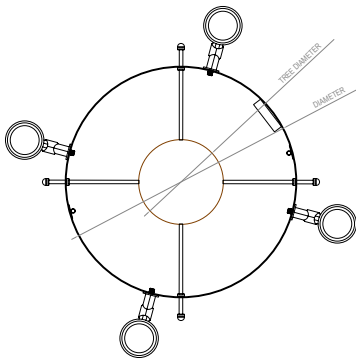
1BR



CBLX

Accessories

Code	Description	Diameter	N° of projectors
☐ VL-SH1	☐ RNG RING	☐ 50 50cm ☐ 60 60cm ☐ 70 70cm ☐ 80 80cm	☐ 2P 2 projectors ☐ 3P 3 projectors ☐ 4P 4 projectors ☐ 6P 6 projectors ☐ 8P 8 projectors
		<i>Suggested diameter = diamater of tree trunk + 10cm/15cm</i>	<i>* projectors references must be order separetly</i> <i>** For 24Vdc projectors, ring can allocate 1 power supply for all projectors</i>



SHELL.0



IP66



IK09



CREE XP-G



RECYCLE

FAILURE RATE
< 0,1% after 25,000hLIFE TIME
Tested over 50,000hMIN -20°C
MAX 55°C

CLASE I

CIRCULAR PROJECTORS
SHELL SERIES

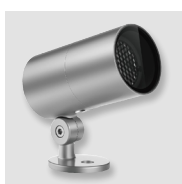
References

Code	Type	Finish	Light Color	Power	Lense	Voltage	Driver	
☐ VL-SH0	☐ A Base ☐ F Nut	☐ LG Light grey ☐ DK Dark grey ☐ WH White ☐ BK Black ☐ RAL Any RAL color	White ☐ W24 2400K ☐ W27 2700K ☐ W30 3000K ☐ W40 4000K ☐ W60 6000K	☐ 10W	☐ 2,5° ☐ 12° ☐ 30° ☐ 60° ☐ 10x70°	☐ 6° ☐ 20° ☐ 40° ☐ 5x20°	☐ UNIV 100-264Vac ☐ 12 12Vdc	☐ STD ON/OFF ☐ R010 Remote 0-10V ☐ RD Remote DALI ☐ RCAS Casambi
Single Color (SC)								
			☐ R Red ☐ B Blue ☐ G Green ☐ A Amber	☐ 10W	☐ 6° ☐ 20° ☐ 40° ☐ 5x20°	☐ 12° ☐ 30° ☐ 60° ☐ 10x70°	☐ UNIV 100-264Vac ☐ 12 12Vdc	☐ STD ON/OFF ☐ R010 Remote 0-10V ☐ RD Remote DALI ☐ RCAS Casambi
RGBW								
☐ RGBW3 4 in 1 Chip RGB+W3000K				☐ 10W	☐ 15° ☐ 30° ☐ 10x30°	☐ 20° ☐ 60° ☐ 10x60°	☐ 12 12Vdc	☐ RD Remote DALI ☐ DMX ☐ RCAS Casambi
☐ RGBW4 4 in 1 Chip RGB+W4000K								

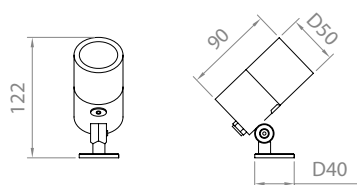
Reference example

VL-SH0-A-WH-W24-10W-60°-UNIV-CAS

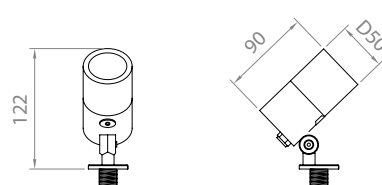
Variations

A
BaseF
Nut (M10x1,5mm)

Dimensions



TYPE A



TYPE F

Accessories

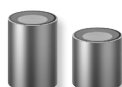
Code	Accessories
------	-------------

- ☐ VL-SH0
- ☐ HC Honeycomb Grid
 - ☐ HO Hood 75 mm

HC



HO



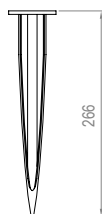
Code	Accessories
------	-------------

- ☐ VL-SH0
- ☐ *SPK SPIKE
 - ☐ *BX Elevated Box
 - ☐ *POLE POLE
 - ☐ *CLP CLAMP
 - ☐ *STR STRIPE
 - ☐ *CBLX Special length cable

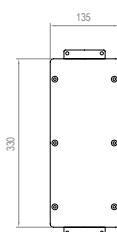
* Must be used with Type F
* Must be used with Type F
* Must be used with Type F
* Must be used with Type F
* Must be used with Type F

* Instead of X, put length of cable needed
Example: VL-SH0-CBL-10m

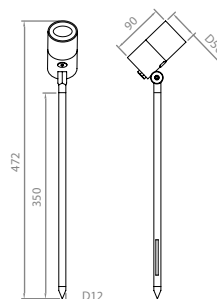
SPK



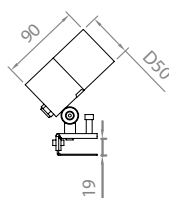
BX



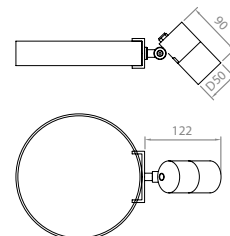
POLE



CLP

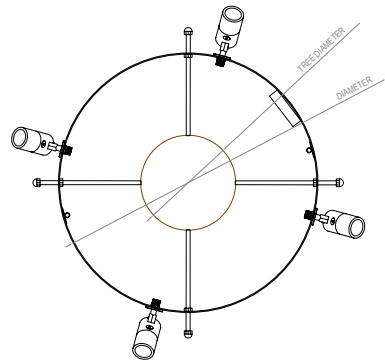


STR



Accessories

Code	Description	Diameter	N° of projectors
☐ VL-SH0	☐ RNG RING	☐ 50 50cm ☐ 60 60cm ☐ 70 70cm ☐ 80 80cm <i>Suggested diamater = diamater of tree trunk + 10cm/ 15cm</i>	☐ 2P 2 projectors ☐ 3P 3 projectors ☐ 4P 4 projectors ☐ 6P 6 projectors ☐ 8P 8 projectors <i>* projectors references must be order separetly</i> <i>** For 24Vdc projectors, ring can allocate 1 power supply for all projectors</i>



SHELL.MINI

iotaLAMP
www.iotalamp.com



IP66	IK09	CREE XP-G	RECYCLE
FAILURE RATE < 0,1% after 25,000h	LIFE TIME Tested over 50,000h	MIN -20°C MAX 55°C	CLASE I
SP US	CE	RoHS	RoHS 2

CIRCULAR PROJECTORS SHELL SERIES

References

Code	Type	Finish	Light Color	Power	Lense	Voltage	Driver
☐ VL-SH.MIN	☐ A Base ☐ F Nut	☐ LG Light grey ☐ DK Dark grey ☐ WH White ☐ BK Black ☐ RAL Any RAL color	White ☐ W24 2400K ☐ W27 2700K ☐ W30 3000K ☐ W40 4000K ☐ W60 6000K	☐ 6W	☐ 8° ☐ 20° ☐ 40° ☐ 15x30°	☐ 12° ☐ 30° ☐ 60° ☐ 10x60°	☐ UNIV 100-264Vac ☐ 12 12Vdc ☐ STD ON/OFF ☐ R010 Remote 0-10V ☐ RD Remote DALI ☐ RCAS Casambi
Single Color (SC)							
			☐ R Red ☐ B Blue ☐ G Green ☐ A Amber	☐ 6W	☐ 8° ☐ 20° ☐ 40° ☐ 15x30° ☐ 10x70°	☐ 12° ☐ 30° ☐ 60° ☐ 10x70°	☐ UNIV 100-264Vac ☐ 12 12Vdc ☐ STD ON/OFF ☐ R010 Remote 0-10V ☐ RD Remote DALI ☐ RCAS Casambi
RGBW							
☐ RGBW3 4 in 1 Chip RGB+W3000K				☐ 6W	☐ 20° ☐ 60° ☐ 15x25°	☐ 40° ☐ 15x60°	☐ 12 12Vdc ☐ RD Remote DALI ☐ DMX ☐ RCAS Casambi
☐ RGBW4 4 in 1 Chip RGB+W4000K							

Reference example

VL-SH.MIN-A-WH-W24-6W-60°-UNIV-STD

Variations

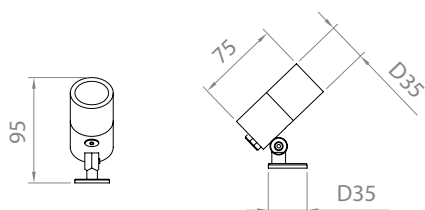


A
Base

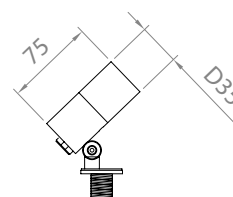


F
Nut (M10x1,5mm)

Dimensions



TYPE A



TYPE F

Accessories

Code	Accessories
------	-------------

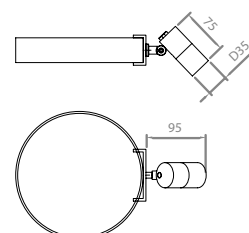
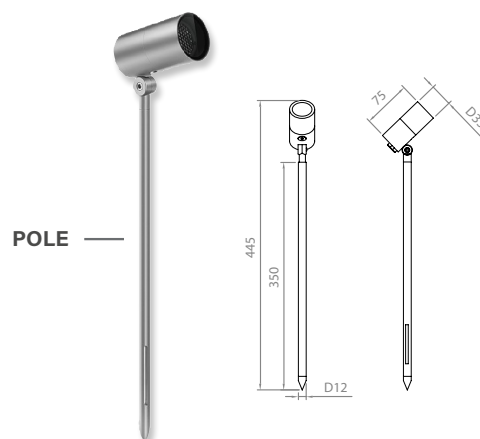
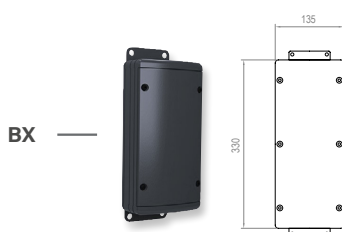
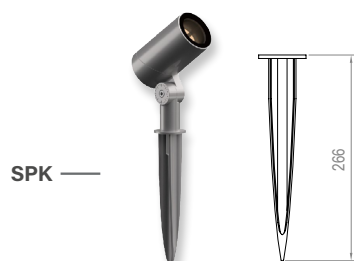
- | | |
|------------------------------------|--|
| ☐ VL-SH.MIN | ☐ HC Honeycomb Grid |
| | ☐ HO Hood 57 mm |



Code	Accessories
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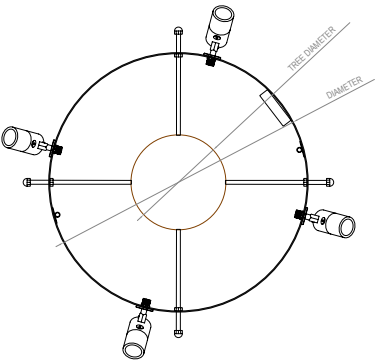
- | | | |
|------------------------------------|---|-----------------------------------|
| ☐ VL-SH.MIN | ☐ *SPK SPIKE | <i>* Must be used with Type F</i> |
| | ☐ *BX Elevated Box | <i>* Must be used with Type F</i> |
| | ☐ *POLE POLE | <i>* Must be used with Type F</i> |
| | ☐ *CLP CLAMP | <i>* Must be used with Type F</i> |
| | ☐ *STR STRIPE | <i>* Must be used with Type F</i> |
| | ☐ *CBLX Special length cable | |

** Instead of X, put length of cable needed
Example: VL-SH.MIN-CBL-10m*



Accessories

Code	Description	Diameter	N° of projectors
☐ VL-SH.MIN	☐ RNG RING	☐ 50 50cm	☐ 2P 2 projectors
		☐ 60 60cm	☐ 3P 3 projectors
		☐ 70 70cm	☐ 4P 4 projectors
		☐ 80 80cm	☐ 6P 6 projectors
		<i>Suggested diameter = diameter of tree trunk + 10cm/15cm</i>	☐ 8P 8 projectors
			<i>* projectors references must be order separetly</i>
			<i>** For 24Vdc projectors, ring can allocate 1 power supply for all projectors</i>



SHELL.NANO



IP66



IK09



CREE XP-G



RECYCLE

FAILURE RATE
< 0,1% after 25,000hLIFE TIME
Tested over 50,000hMIN -20°C
MAX 55°C

CLASE I



CIRCULAR PROJECTORS
SHELL SERIES

References

Code	Type	Finish	Light Color	Power	Lense	Voltage	Driver	
☐ VL-SH.NANO	☐ A Base ☐ F Nut	☐ LG Light grey ☐ DK Dark grey ☐ WH White ☐ BK Black ☐ RAL Any RAL color	White					
			☐ W24 2400K ☐ W27 2700K ☐ W30 3000K ☐ W40 4000K ☐ W60 6000K	☐ 3W	☐ 20° ☐ 40° ☐ 25x45°	☐ 30° ☐ 60°	☐ 12 12Vdc ☐ 24 12Vdc	☐ STD ON/OFF ☐ R010 Remote 0-10V ☐ RD Remote DALI ☐ RCAS Casambi
Single Color (SC)								
			☐ R Red ☐ B Blue ☐ G Green ☐ A Amber	☐ 3W	☐ 20° ☐ 40° ☐ 25x45°	☐ 30° ☐ 60°	☐ 12 12Vdc ☐ 24 12Vdc	☐ STD ON/OFF ☐ R010 Remote 0-10V ☐ RD Remote DALI ☐ RCAS Casambi

Reference example

VL-SH.NANO-A-WH-W24-3W-60°-24-STD

Variations

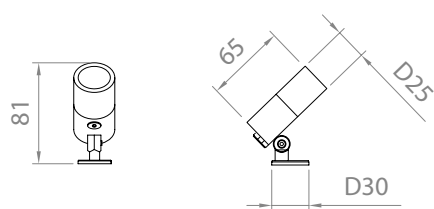


A
Base

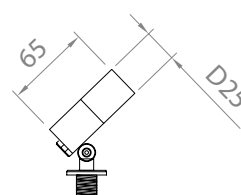


F
Nut (M10x1,5mm)

Dimensions



TYPE A



TYPE F

Accessories

Code	Accessories
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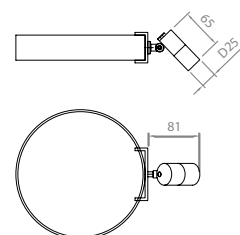
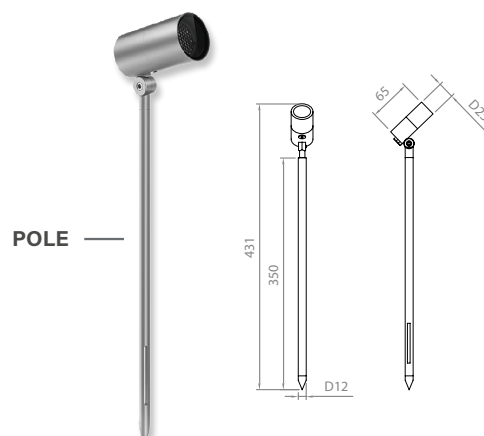
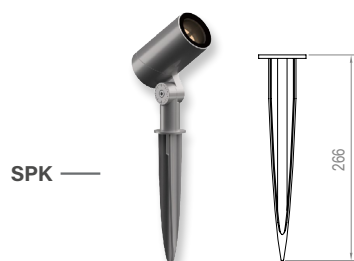
- | | |
|--|---|
| ☐ VL-SH.NANO | ☐ HC Honeycomb Grid |
| | ☐ HO Hood 48 mm |



Code	Accessories
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- | | | |
|--|--|-----------------------------------|
| ☐ VL-SH.NANO | ☐ *SPK SPIKE | <i>* Must be used with Type F</i> |
| | ☐ *BX Elevated Box | <i>* Must be used with Type F</i> |
| | ☐ *POLE POLE | <i>* Must be used with Type F</i> |
| | ☐ *CLP CLAMP | <i>* Must be used with Type F</i> |
| | ☐ *STR STRIPE | <i>* Must be used with Type F</i> |
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Accessories

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