



## VIPER SERIES WALL WASHER

Round



Square



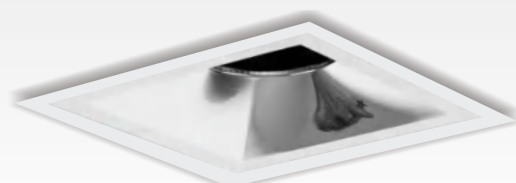
Ø141MM



147x147MM



Ø115MM



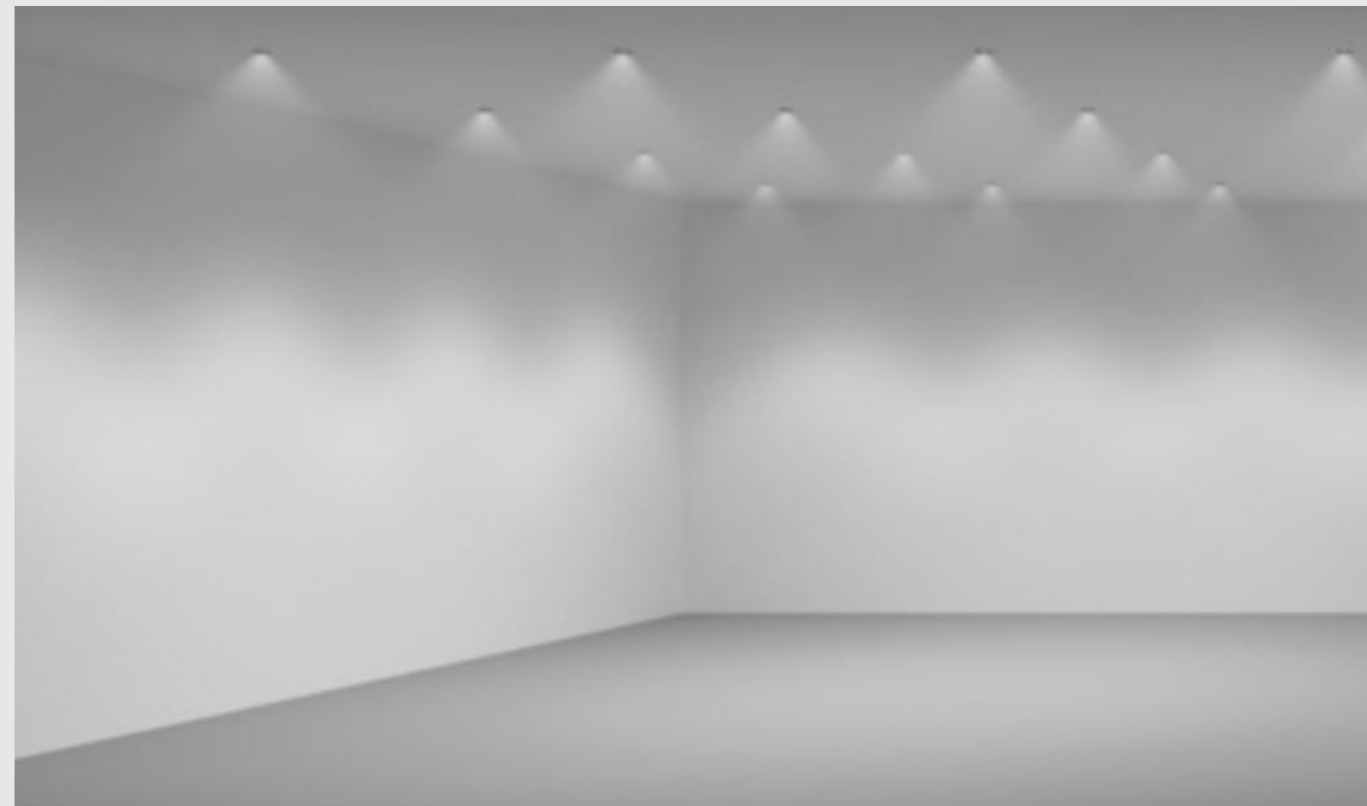
116x116MM

### Product features

The VIPER round & square recessed adjustable wall washer help you expertly accentuate individual areas or objects. The recessed floodlights, meanwhile, direct the attention of the observer onto your shelves and product tables. The luminaires integrate elegantly with the room architecture, their large swivel range enables you to reach even far corners of the room. VIPER wall washer system design facilitates a flexible lighting concept as a unified whole. Combine spotlights and floodlights with each other or with the VIPER wall washer downlights. Select the appropriate mounting details and lamps. Whatever your choice, the result is always a highly efficient lighting system meeting the highest standards of light quality.

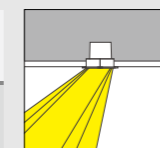
### Range of Application

Commercial  
Architectural  
Museum / Art gallery



#### Wallwashing

Vertical illuminance for brightening and dividing the space.



#### Wall washers

Asymmetrical light distribution for highly uniform wallwashing.

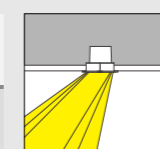
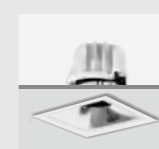
#### LED

Wattage:22-32W  
Lumen:1577-2211lm  
Light distribution:  
Narrow  
Medium  
Flood



#### Wallwashing

Vertical illuminance for brightening and dividing the space.



#### Wall washers

Asymmetrical light distribution for highly uniform wallwashing.

#### LED

Wattage:22-32W  
Lumen:1499-2211lm  
Light distribution:  
Narrow  
Medium  
Flood



Suitable for indoor use



Protection level is IP20



High efficiency Reflector



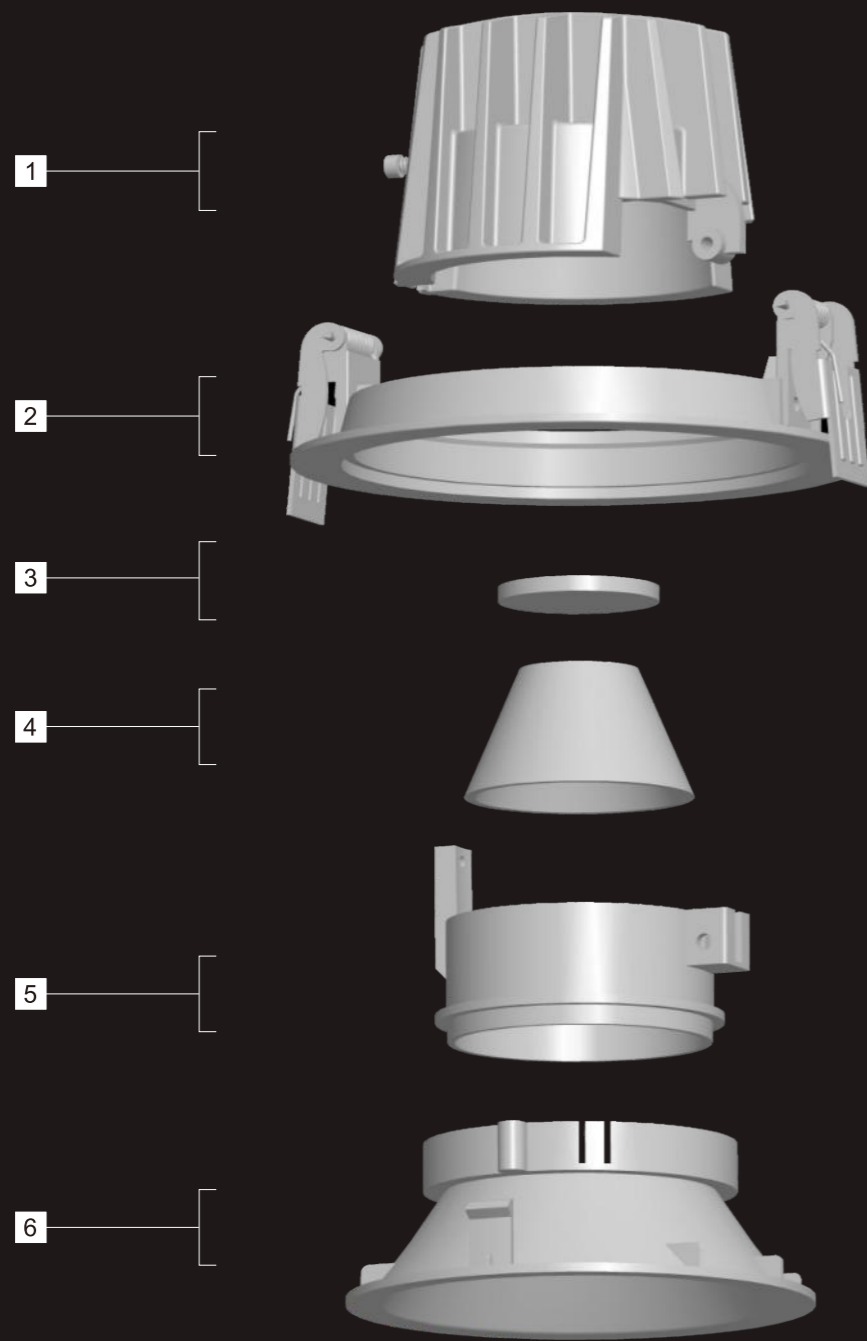
Comply with CE certification



The electrical grade is class2



CRI > 80 (standard)  
CRI > 90 (optional)



## Exploded view

- |                                |   |
|--------------------------------|---|
| <b>1</b> Housing & Heat sink   | <b>4</b> Reflector                          |
| <b>2</b> Front Ring            | <b>5</b> Adjustable housing joint/structure |
| <b>3</b> Solder less connector | <b>6</b> Secondary optical reflector        |



## DARK LIGHTS

Dark light VIPER WALL WASHER downlight IO5 optical technology design with a light that is absolutely glare free by the human visual point. It's a top level of reflector technology that offer maximum visual comfort together with maximum light out put.



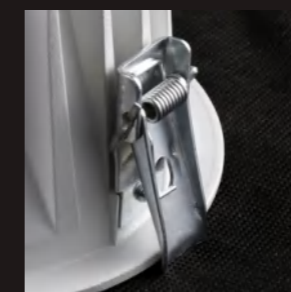
## IO5/IO6 System

VIPER WALL WASHER downlights IO5/IO6 system. Primary Optical reflector IO6 gives you maximum choice of different beam angle and other colors to match all king of lighting application. Thanks to snap and lock easy to install structure made fast and simple to install. VIPER's secondary optics(IO5) are freely interchangeable to an different color to match your application of needs.



## High efficiency dissipation heat sink

VIPER WALL WASHER housing body construction serves as a cooling system designed to dissipate heat faster from the LED, also providing maximum air flow from the entire operation caused by rising hot air. When the operation temperature has been minimized the LED are guaranteed for it's maximum life time and performance.



## Reliable ceiling mounting system

Mechanical mounting spring with integrated clip on the fixture enables easy installation that eliminating the need of removing optics or tighten screws. Best of all the process requires no additional parts, So you don't need to worry about losing anchors or clips.

VIPER SERIES SMALL ADJUSTABLE WALL WASHER PROJECTOR LED DOWNLIGHT

125



IP20 | CE | CB |

Trim: Die-cast aluminium  
Body: Die-cast aluminium  
Housing: Polycarbonate  
Optic: High efficiency Reflector  
Weight: 0.28kg

CTN: 45PCS

Primary optics

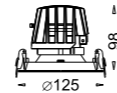
**IO6** See P014

White  Black  Silver

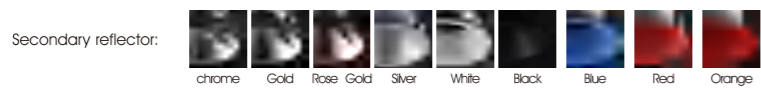
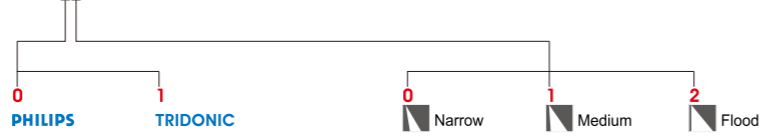
Secondary optics

**IO5** See P012

Note: min 80mm(ceiling clearance)



ORDERING CODE	Power (W)	Beam Angle (°)	CCT (K)	Hot Lumen (Lm)	LOR (%)	UGR	On/Off	DRIVER 1-10V	DALI	Triac
VW1200-W/B/S-830	22	20	3000	1577	81%	<19	✓	✓	✓	✓
VW1200-W/B/S-840			4000	1756						
VW1200-W/B/S-850			5000	1769						
VW1201-W/B/S-830	22	40	3000	1598	79%	<19	✓	✓	✓	✓
VW1201-W/B/S-840			4000	1713						
VW1201-W/B/S-850			5000	1725						
VW1202-W/B/S-830	22	60	3000	1499	77%	<19	✓	✓	✓	✓
VW1202-W/B/S-840			4000	1670						
VW1202-W/B/S-850			5000	1681						



Optical accessories See P012/P014

PHILIPS SLM C 830 1203 L09 G1 3000K

Beam Angle	h(m)	E(lx)	D(mm)
20°	1.0	5129	490
	2.0	1282	980
	3.0	569	1470
40°	1.0	3643	690
	2.0	910	1390
	3.0	404	2080
60°	1.0	2387	960
	2.0	596	1930
	3.0	265	2890

VIPER SERIES MEDIUM ADJUSTABLE WALL WASHER PROJECTOR LED DOWNLIGHT

155



IP20 | CE | CB |

Trim: Die-cast aluminium  
Body: Die-cast aluminium  
Housing: Polycarbonate  
Optic: High efficiency Reflector  
Weight: 0.36kg

CTN: 36PCS

Primary optics

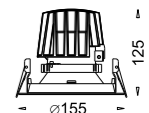
**IO6** See P014

White  Black  Silver

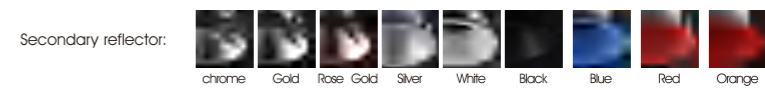
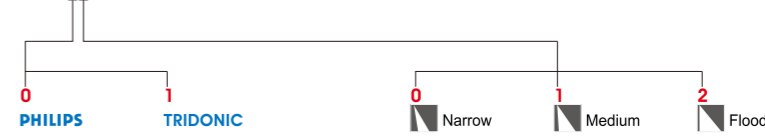
Secondary optics

**IO5** See P012

Note: min 80mm(ceiling clearance)



ORDERING CODE	Power (W)	Beam Angle (°)	CCT (K)	Hot Lumen (Lm)	LOR (%)	UGR	On/Off	DRIVER 1-10V	DALI	Triac
VW1500-W/B/S-830	32	20	3000	2211	76%	<19	✓	✓	✓	✓
VW1500-W/B/S-840			4000	2398						
VW1500-W/B/S-850			5000	2452						
VW1501-W/B/S-830	32	40	3000	2198	74%	<19	✓	✓	✓	✓
VW1501-W/B/S-840			4000	2295						
VW1501-W/B/S-850			5000	2350						
VW1502-W/B/S-830	32	60	3000	2098	74%	<19	✓	✓	✓	✓
VW1502-W/B/S-840			4000	2190						
VW1502-W/B/S-850			5000	2245						



Optical accessories See P012/P014

PHILIPS SLM C 830 1205 L12 G1 3000K

Beam Angle	h(m)	E(lx)	D(mm)
20°	1.0	8617	380
	2.0	2154	760
	3.0	957	1140
40°	1.0	4910	660
	2.0	1227	1320
	3.0	545	1980
60°	1.0	3201	1040
	2.0	800	2080
	3.0	355	3120



SQUARE VIPER SERIES SMALL ADJUSTABLE WALL WASHER PROJECTOR LED DOWNLIGHT

125



IP20 | CE | CB |

Trim: Die-cast aluminium  
Body: Die-cast aluminium  
Housing: Polycarbonate  
Optic: High efficiency Reflector  
Weight: 0.35kg

CTN: 27PCS

Primary optics

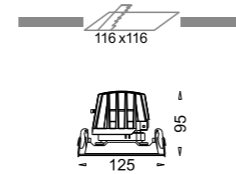
**IO6** See P014

White Black Silver

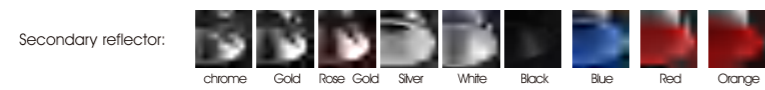
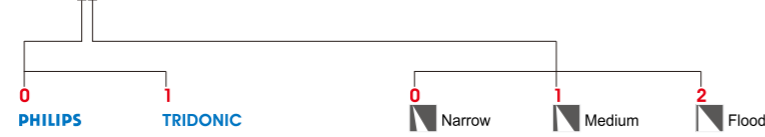
Secondary optics

**IO5** See P012

Note: min 80mm(ceiling clearance)



ORDERING CODE	Power (W)	Beam Angle (°)	CCT (K)	Hot Lumen (Lm)	LOR (%)	UGR	On/Off	DRIVER 1-10V	DALI	Triac
SVW1200-W/B/S-830			3000	1499						
SVW1200-W/B/S-840	22	20	4000	1670	77%	<19	✓	✓	✓	✓
SVW1200-W/B/S-850			5000	1681						
SVW1201-W/B/S-830			3000	1479						
SVW1201-W/B/S-840	22	40	4000	1648	76%	<19	✓	✓	✓	✓
SVW1201-W/B/S-850			5000	1659						
SVW1202-W/B/S-830			3000	1577						
SVW1202-W/B/S-840	22	60	4000	1756	81%	<19	✓	✓	✓	✓
SVW1202-W/B/S-850			5000	1769						



Optical accessories See P012/P014

PHILIPS SLM C 830 1203 L09 G1

3000K

h(m)	E(lx)	D(mm)	h(m)	E(lx)	D(mm)	h(m)	E(lx)	D(mm)
1.0	5129	490	1.0	3643	690	1.0	2387	960
2.0	1282	980	2.0	910	1390	2.0	596	1930
3.0	569	1470	3.0	404	2080	3.0	265	2890



SQUARE VIPER SERIES MEDIUM ADJUSTABLE WALL WASHER PROJECTOR LED DOWNLIGHT

155



IP20 | CE | CB |

Trim: Die-cast aluminium  
Body: Die-cast aluminium  
Housing: Polycarbonate  
Optic: High efficiency Reflector  
Weight: 0.5kg

CTN: 27PCS

Primary optics

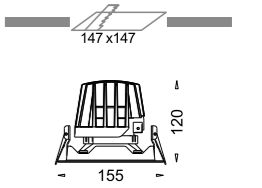
**IO6** See P014

White Black Silver

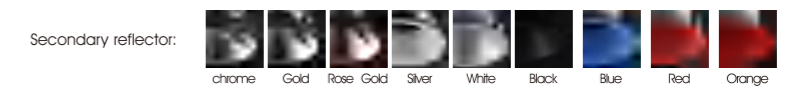
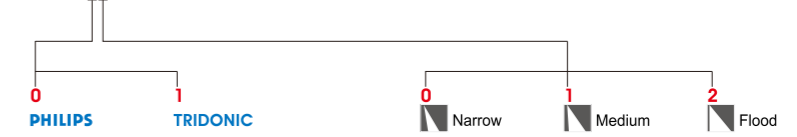
Secondary optics

**IO5** See P012

Note: min 80mm(ceiling clearance)



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SVW1500-W/B/S-840	32	20	4000	2398	76%	<19	✓	✓	✓	✓
SVW1500-W/B/S-850			5000	2452						
SVW1501-W/B/S-830			3000	2198						
SVW1501-W/B/S-840	32	40	4000	2295	74%	<19	✓	✓	✓	✓
SVW1501-W/B/S-850			5000	2350						
SVW1502-W/B/S-830			3000	2098						
SVW1502-W/B/S-840	32	60	4000	2190	74%	<19	✓	✓	✓	✓
SVW1502-W/B/S-850			5000	2245						



Optical accessories See P012/P014

PHILIPS SLM C 830 1205 L12 G1

3000K

h(m)	E(lx)	D(mm)	h(m)	E(lx)	D(mm)	h(m)	E(lx)	D(mm)
1.0	8617	380	1.0	4910	660	1.0	3201	1040
2.0	2154	760	2.0	1227	1320	2.0	800	2080
3.0	957	1140	3.0	545	1980	3.0	355	3120