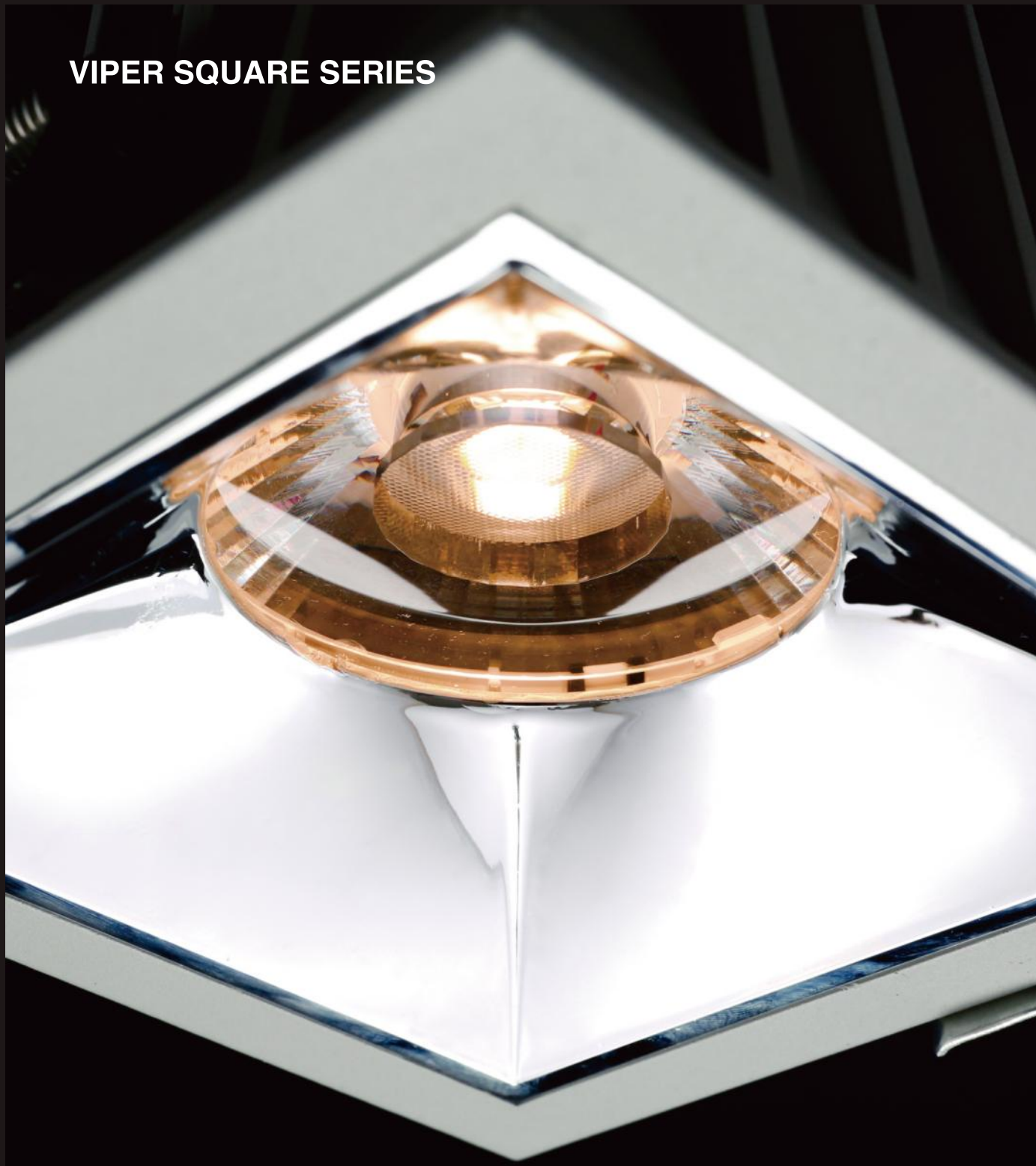




VIPER SQUARE SERIES FIXED PROJECTOR
LED DOWNLIGHT

VIPER SQUARE SERIES



Product features

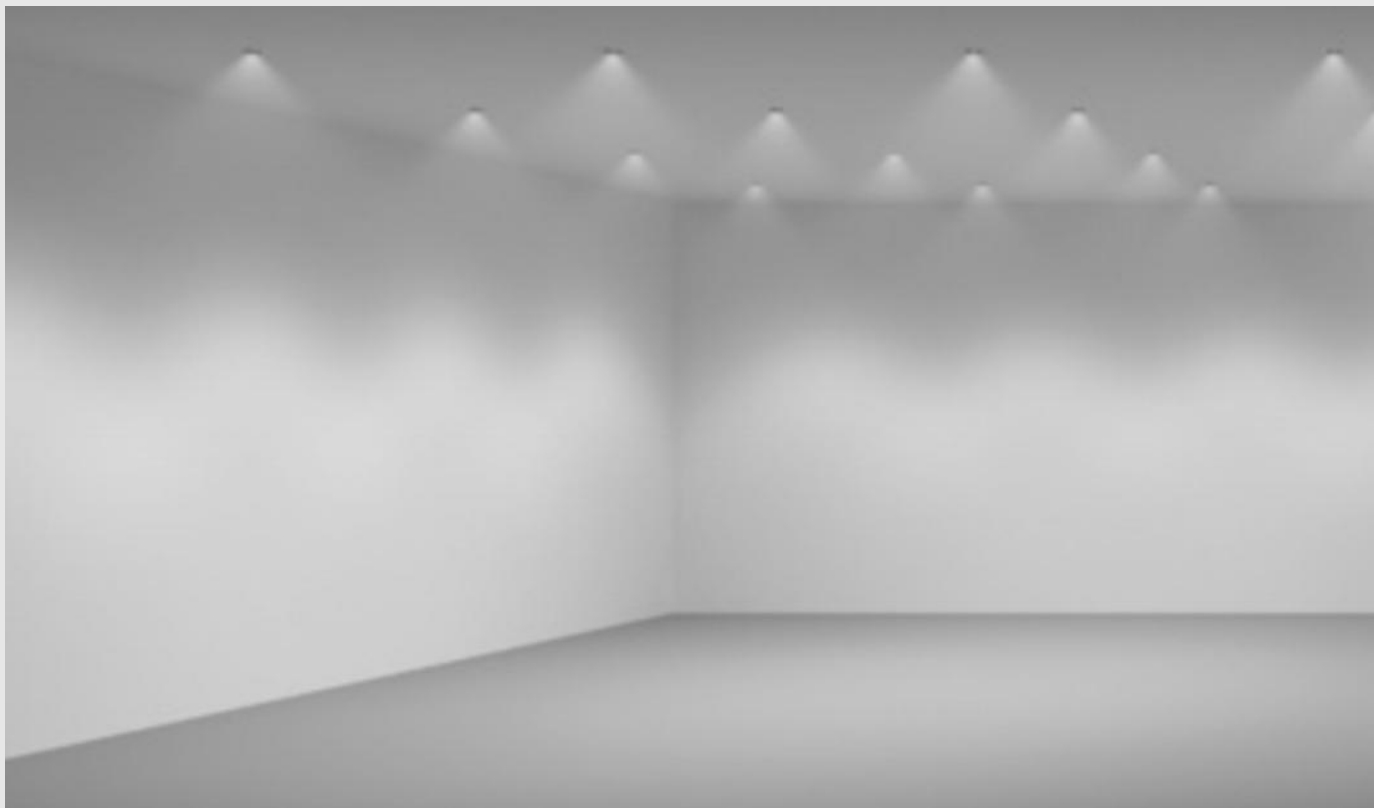
VIPER SQUARE recessed luminaires, available in round and square versions, set new standards in their category: The high-performance range, consisting of downlights, Directional luminaires, meets superior standards of visual comfort and efficiency whilst delivering optimal light quality for a multitude of visual tasks. The new IO5 optical systems of the downlights produce superb uniformity whilst ensuring excellent glare control. With an emission angle of 60° and a 40° cut-off, VIPER downlights meet the challenges of illuminating large areas masterfully – offering uniform and efficient ambient lighting with large luminaire spacing and high cylindrical illuminances.

Range of Application

Commercial
Residential
Architectural
Hospitals
Museum / Art gallery



VIPER SQUARE SERIES FIXED PROJECTOR
LED DOWNLIGHT



General lighting

Ambient lighting produced by wide beam light distribution.



Downlights

Narrow to wide beam, Fixed symmetrical light distribution for general lighting

LED

Wattage:10-50W
Lumen:887-4127lm
Light distribution:
Narrow
Medium
Flood



Suitable for indoor use



Comply with CE certification

IP20

Protection level is IP20



The electrical grade is class2



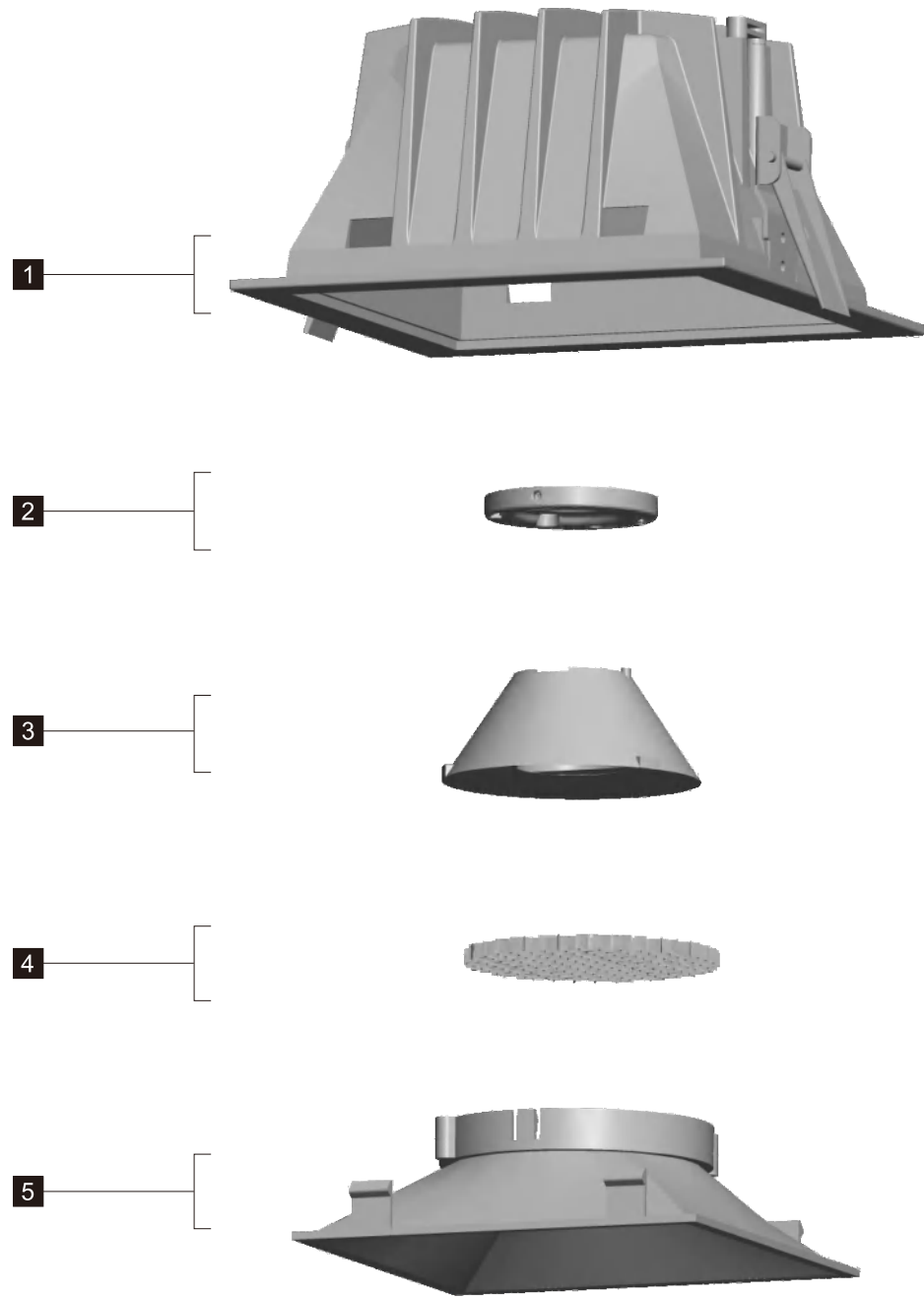
High efficiency Reflector



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



VIPER SQUARE SERIES FIXED PROJECTOR
LED DOWNLIGHT



Exploded
view

1 Housing and frame

2 Solder less connector

3 Reflector

4 Optical accessories (glass, honey comb)

5 Secondary optical reflector



VIPER SQUARE SERIES FIXED PROJECTOR
LED DOWNLIGHT



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.



High efficiency
dissipation heat sink

VIPER 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 its maximum life time and performance.

IO5 System(DARK LIGHTS)



VIPER downlights IO5 system (interchangeable optical system) 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 are glare free (UGR < 18) & freely interchangeable to an different color to match your application of needs.



VIPER SQUARE SERIES MINI FIXED PROJECTOR
LED DOWNLIGHT



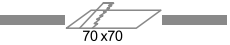
IP20 | CE | CB | | |

Trim: Die-cast aluminium
Body: Die-cast aluminium
Housing: Die-cast aluminium
Optic: High efficiency Reflector
Weight: 0.16kg
CTN: 100PCS

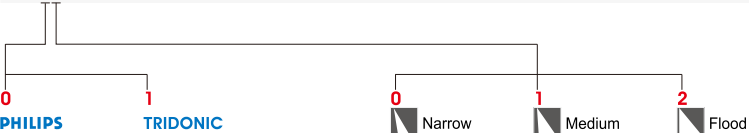
IO5 INTERMEDIATE OPTICAL SYSTEM See P.012

White Black Silver

Note: min 80mm(ceiling clearance)

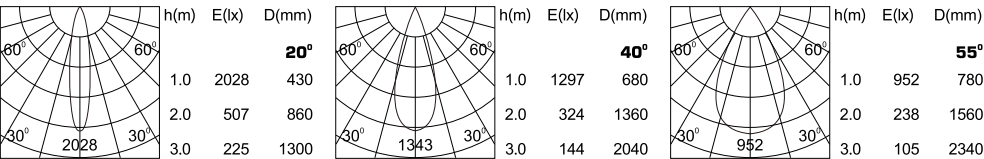


ORDERING CODE	Power (W)	Beam Angle (°)	CCT (K)	Hot Lumen (Lm)	LOR (%)	UGR	On/Off	DRIVER 1-10V	DALI	Triac
SVP800-W/B/S-830	10	20	3000	887	76%	<19	✓	✓	✓	✓
SVP800-W/B/S-840			4000	912						
SVP800-W/B/S-850			5000	920						
SVP801-W/B/S-830	10	40	3000	860	74%	<19	✓	✓	✓	✓
SVP801-W/B/S-840			4000	888						
SVP801-W/B/S-850			5000	895						
SVP802-W/B/S-830	10	55	3000	860	74%	<19	✓	✓	✓	✓
SVP802-W/B/S-840			4000	888						
SVP802-W/B/S-850			5000	895						



Optical accessories See P.012

PHILIPS SLM C 830 1203 L09 G1 3000K



VIPER SQUARE SERIES SMALL FIXED PROJECTOR
LED DOWNLIGHT



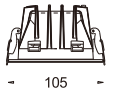
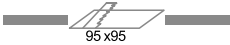
IP20 | CE | CB | | |

Trim: Die-cast aluminium
Body: Die-cast aluminium
Housing: Die-cast aluminium
Optic: High efficiency Reflector
Weight: 0.24kg
CTN: 80PCS

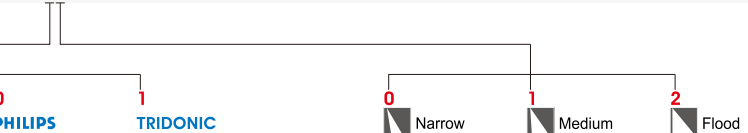
IO5 INTERMEDIATE OPTICAL SYSTEM See P.012

White Black Silver

Note: min 80mm(ceiling clearance)

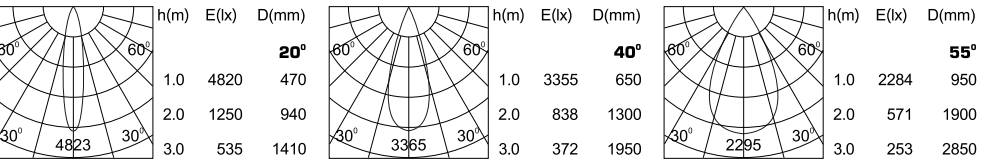


ORDERING CODE	Power (W)	Beam Angle (°)	CCT (K)	Hot Lumen (Lm)	LOR (%)	UGR	On/Off	DRIVER 1-10V	DALI	Triac
SVP1000-W/B/S-830	22	20	3000	1739	80%	<19	✓	✓	✓	✓
SVP1000-W/B/S-840			4000	1905						
SVP1000-W/B/S-850			5000	1969						
SVP1001-W/B/S-830	22	40	3000	1698	79%	<19	✓	✓	✓	✓
SVP1001-W/B/S-840			4000	1881						
SVP1001-W/B/S-850			5000	1944						
SVP1002-W/B/S-830	22	55	3000	1666	77%	<19	✓	✓	✓	✓
SVP1002-W/B/S-840			4000	1834						
SVP1002-W/B/S-850			5000	1895						



Optical accessories See P.012

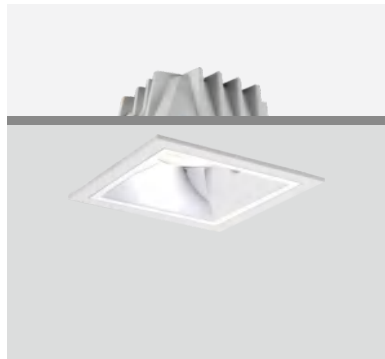
PHILIPS SLM C 830 1204 L12 G1 3000K





VIPER SQUARE SERIES MEDIUM FIXED PROJECTOR
LED DOWNLIGHT

125



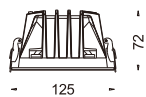
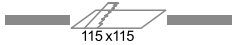
IP20 | CE | CB |

Trim: Die-cast aluminium
Body: Die-cast aluminium
Housing: Die-cast aluminium
Optic: High efficiency Reflector
Weight: 0.45kg
CTN: 45PCS

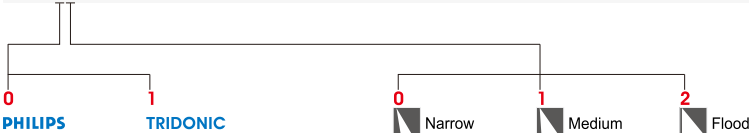
105 INTERMEDIATE OPTICAL SYSTEM See P012

White Black Silver

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
SVP1200-W/B/S-830	32	20	3000	2392	83%	<19	✓	✓	✓	✓
SVP1200-W/B/S-840			4000	2666						
SVP1200-W/B/S-850			5000	2719						
SVP1201-W/B/S-830	32	40	3000	2337	81%	<19	✓	✓	✓	✓
SVP1201-W/B/S-840			4000	2602						
SVP1201-W/B/S-850			5000	2654						
SVP1202-W/B/S-830	32	55	3000	2352	82%	<19	✓	✓	✓	✓
SVP1202-W/B/S-840			4000	2634						
SVP1202-W/B/S-850			5000	2687						



Optical accessories See P012

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)
20°			40°			55°		
1.0	7976	410	1.0	4617	670	1.0	3133	1010
2.0	1994	810	2.0	1154	1340	2.0	783	2010
3.0	886	1220	3.0	513	2010	3.0	348	3020



VIPER SQUARE SERIES LARGE FIXED PROJECTOR
LED DOWNLIGHT

155



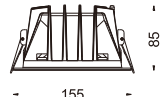
IP20 | CE | CB |

Trim: Die-cast aluminium
Body: Die-cast aluminium
Housing: Die-cast aluminium
Optic: High efficiency Reflector
Weight: 0.52kg
CTN: 36PCS

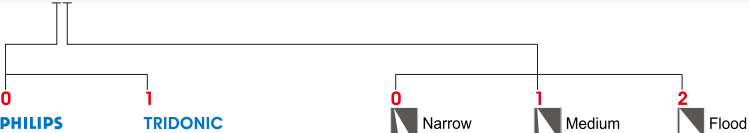
105 INTERMEDIATE OPTICAL SYSTEM See P012

White Black Silver

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
SVP1500-W/B/S-830	41	20	3000	3561	85%	<19	✓	✓	✓	✓
SVP1500-W/B/S-840			4000	4073						
SVP1500-W/B/S-850			5000	3918						
SVP1501-W/B/S-830	41	40	3000	3481	83%	<19	✓	✓	✓	✓
SVP1501-W/B/S-840			4000	3977						
SVP1501-W/B/S-850			5000	3826						
SVP1502-W/B/S-830	41	55	3000	3490	83%	<19	✓	✓	✓	✓
SVP1502-W/B/S-840			4000	3970						
SVP1502-W/B/S-850			5000	3820						



Optical accessories See P012

PHILIPS SLM C 830 1208 L14 G1

3000K

h(m)	E(lx)	D(mm)	h(m)	E(lx)	D(mm)	h(m)	E(lx)	D(mm)
20°			40°			55°		
1.0	12330	390	1.0	5802	780	1.0	4306	1040
2.0	3082	780	2.0	1450	1560	2.0	1076	2080
3.0	1370	1160	3.0	644	2330	3.0	478	3110



VIPER SQUARE SERIES JUMBO FIXED PROJECTOR
LED DOWNLIGHT

210



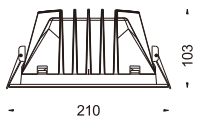
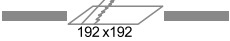
IP20 | CE | CB |

Trim: Die-cast aluminium
Body: Die-cast aluminium
Housing: Die-cast aluminium
Optic: High efficiency Reflector
Weight: 0.91kg
CTN: 16PCS

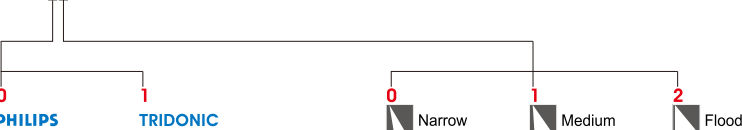
IO5 INTERCHANGEABLE OPTICAL SYSTEM See P012

White Black Silver

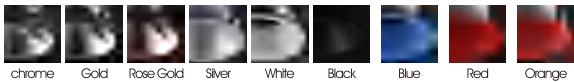
Note: min 80mm(ceiling clearance)



ORDERING CODE	Power (W)	Beam Angle (°)	CCT (K)	Hot Lumen (lm)	LOR (%)	UGR	On/Off	DRIVER 1-10V	DALI	Triac
SVP2100-W/B/S-830	50	20	3000	4127	86%	<19	✓	✓	✓	✓
SVP2100-W/B/S-840			4000	4533						
SVP2100-W/B/S-850			5000	4554						
SVP2101-W/B/S-830	50	40	3000	4028	84%	<19	✓	✓	✓	✓
SVP2101-W/B/S-840			4000	4428						
SVP2101-W/B/S-850			5000	4450						
SVP2102-W/B/S-830	50	55	3000	4018	84%	<19	✓	✓	✓	✓
SVP2102-W/B/S-840			4000	4420						
SVP2102-W/B/S-850			5000	4440						



Secondary reflector:



Color Lens:



Diffuser Lens:



Anti-glare:



Optical accessories See P012

PHILIPS SLM C 830 1208 L14 G1

3000K

h(m)	E(lx)	D(mm)	h(m)	E(lx)	D(mm)	h(m)	E(lx)	D(mm)
1.0	15135	380	1.0	6700	780	1.0	238	1060
2.0	3783	760	2.0	1675	1560	2.0	1513	2120
3.0	1681	1140	3.0	744	2350	3.0	4823	3180