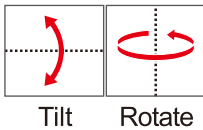




MARS SQUARE SERIES

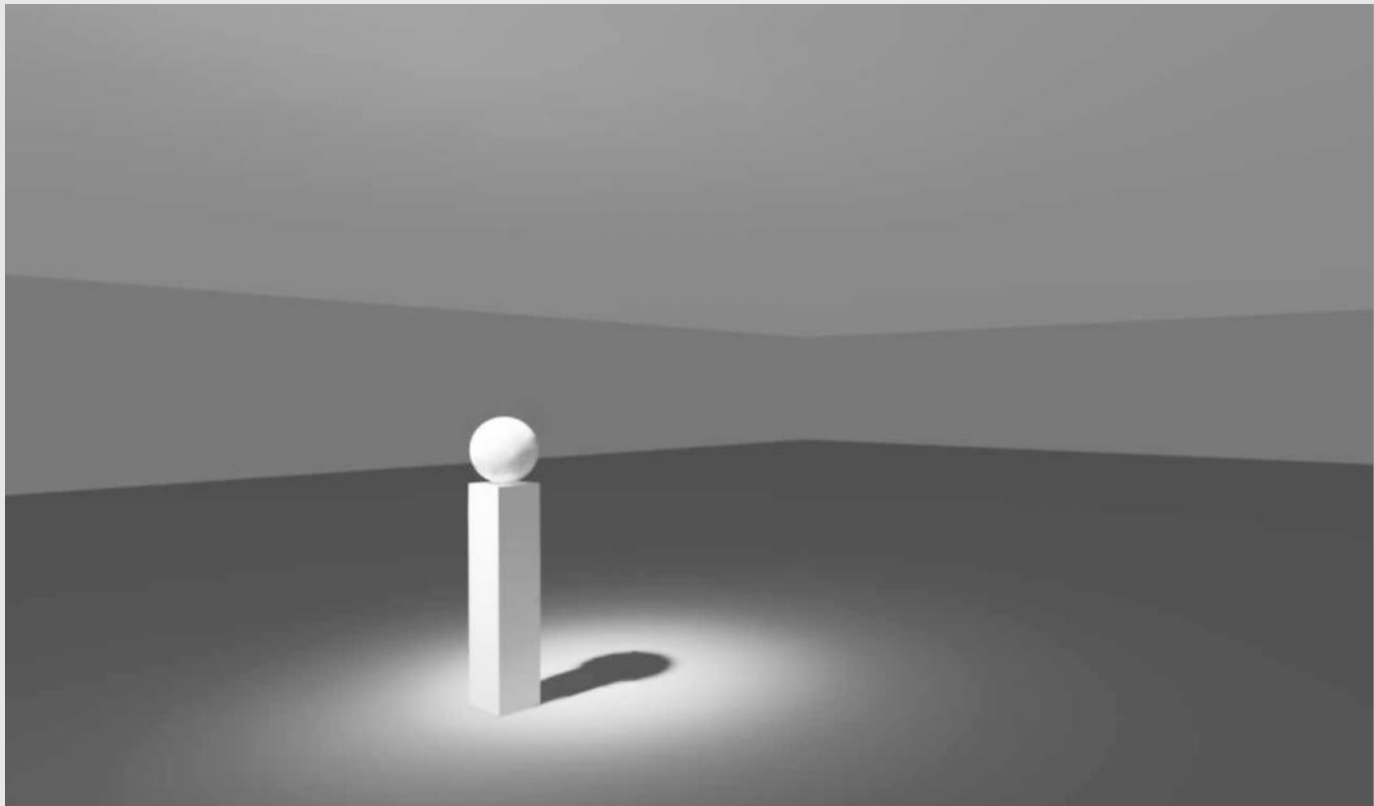


Product features

The MARS SQUARE recessed spotlights 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. The MARS SQUARE system design facilitates a flexible lighting concept as a unified whole. Combine spotlights and floodlights with each other or with the MARS SQUARE 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

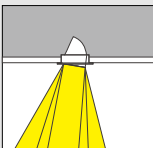
Range of Application

Commercial
Residential
Architectural
Museum / Art gallery



Accentuation

Emphasis of objects or architectural elements.



Recessed spotlights

Narrow to wide beam, Rotateally symmetrical light distribution for accent lighting.

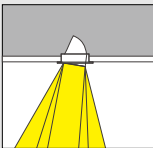
LED

Wattage:16-38W
Lumen:1281-3147lm
Light distribution:
Narrow/Medium/Flood



Accentuation

Emphasis of Multi objects or architectural elements.



Recessed spotlights

Narrow to wide beam, Rotateally symmetrical light distribution for accent lighting.

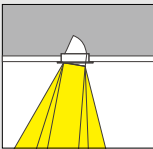
LED

Wattage:2x16-38W
Lumen:2x1281-3147lm
Light distribution:
Narrow/Medium/Flood



Accentuation

Emphasis of Multi objects or architectural elements.



Recessed spotlights

Narrow to wide beam, Rotateally symmetrical light distribution for accent lighting.

LED

Wattage:3x16-38W
Lumen:3x1281-3147lm
Light distribution:
Narrow/Medium/Flood



Suitable for indoor use



Protection level is IP20



High efficiency Reflector



Comply with CE certification



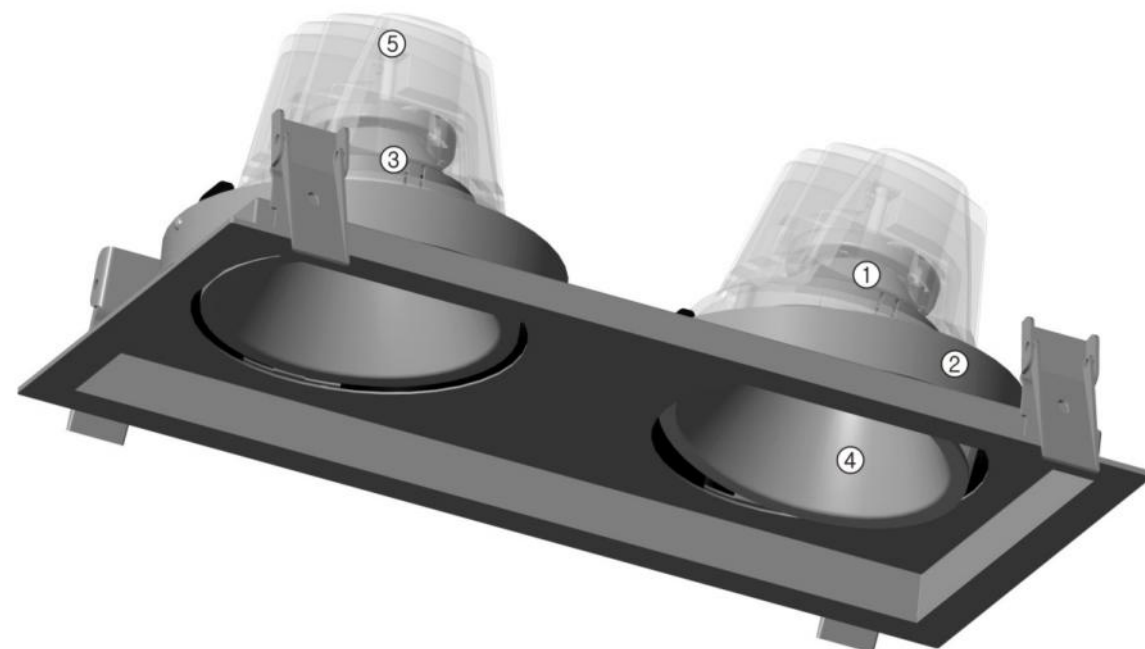
The electrical grade is class2



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



SQUARE MARS SERIES ADJUSTABLE PROJECTOR LED DOWNLIGHT



1: LEDS

High-power LEDs COB(Chip on board),offering high performance in an easy to use platform. Light colours: Warm White, Neutral White, Cool White

4: Reflector system

Made of optical polycarbonate,different beam angle options for choose.

2: Housing

The fixture consists of a metal body, and the aluminum die-casting frame, The latest heat dissipation housing, with optimized heat dissipation structure, which felicitate the heat exchange quickly from aluminum alloy die-casting housing to the air.

5: Heat sink

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.

3: Structure design

Housing and driver separated, with better heat dissipation, can effectively extend the lifespan for the light. The fixture security for suspicion locker used.

6: Control gear

Switchable, phase dimmable or DALI dimmable
Phase dimmable version: dimming with external dimmers possible (trailing edge).



SQUARE MARS SERIES ADJUSTABLE PROJECTOR LED DOWNLIGHT



Reliable ceiling mounting system

Mounting spring system and integrated clip on the fixture enables secure, one-touch installation, eliminating the need of 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

MARS SQUARE 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.



Interchangeable Socket System (ISS)

Simple solderless interchangeable socket system (ISS) that make it possible for quick and easy maintenance of LED/COB modules. The ISS system is compatible with most popular brands COB such like, Philips , Osram , Tridonic , Citizen & CREE. ISS has an special locking that made it possible to add other accessories or secondary optics. Best of all installation are simple and extremely friendly to apply.



Angle of adjustment

Smooth mechanical structure that tilt 30° on both side and an swing angle of 355° that has an intergrated ratchets. The ratchets structure improve the rotational smoothness and give an quality feel and sound when it rotates.



SQUARE MARS SERIES SMALL ADJUSTABLE PROJECTOR
LED DOWNLIGHT

135



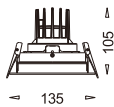
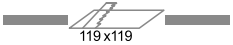
IP20 | CE | CB |  |  | 

Trim: Steel
Body: Die-cast aluminium
Housing: Steel
Optic: High efficiency Reflector
Weight: 0.45kg
CTN: 27PCS

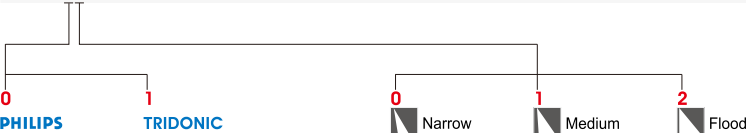
IO5 INTERMEDIATE OPTICAL SYSTEM See P.012

 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
1SCPL800-W/B/S-830	16	20	3000	1281	82%	<19	✓	✓	✓	✓
1SCPL800-W/B/S-840			4000	1450						
1SCPL800-W/B/S-850			5000	1480						
1SCPL801-W/B/S-830	16	40	3000	1221	80%	<19	✓	✓	✓	✓
1SCPL801-W/B/S-840			4000	1415						
1SCPL801-W/B/S-850			5000	1444						
1SCPL802-W/B/S-830	16	55	3000	1191	78%	<19	✓	✓	✓	✓
1SCPL802-W/B/S-840			4000	1379						
1SCPL802-W/B/S-850			5000	1407						



Optical accessories See P.012

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	5056	380	1.0	2757	660	1.0	1790	940
2.0	1264	760	2.0	689	1310	2.0	447	1870
3.0	561	1140	3.0	306	1970	3.0	198	2810



SQUARE MARS SERIES SMALL ADJUSTABLE PROJECTOR
LED DOWNLIGHT

250X135



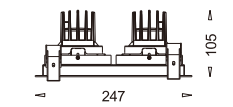
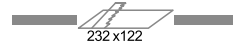
IP20 | CE | CB |  |  | 

Trim: Steel
Body: Die-cast aluminium
Housing: Die-cast aluminium
Optic: High efficiency Reflector
Weight: 0.83kg
CTN: 18PCS

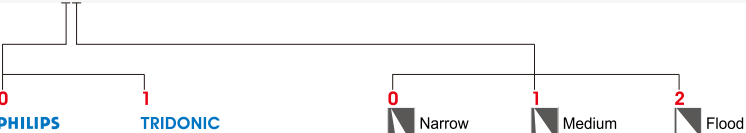
IO5 INTERMEDIATE OPTICAL SYSTEM See P.012

 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
2SCPL800-W/B/S-830	2x16	20	3000	2x1281	82%	<19	✓	✓	✓	✓
2SCPL800-W/B/S-840			4000	2x1450						
2SCPL800-W/B/S-850			5000	2x1480						
2SCPL801-W/B/S-830	2x16	40	3000	2x1221	80%	<19	✓	✓	✓	✓
2SCPL801-W/B/S-840			4000	2x1415						
2SCPL801-W/B/S-850			5000	2x1444						
2SCPL802-W/B/S-830	2x16	55	3000	2x1191	78%	<19	✓	✓	✓	✓
2SCPL802-W/B/S-840			4000	2x1379						
2SCPL802-W/B/S-850			5000	2x1407						



Optical accessories See P.012

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	5056	380	1.0	2757	660	1.0	1790	940
2.0	1264	760	2.0	689	1310	2.0	447	1870
3.0	561	1140	3.0	306	1970	3.0	198	2810



SQUARE MARS SERIES SMALL ADJUSTABLE PROJECTOR
LED DOWNLIGHT

355X135



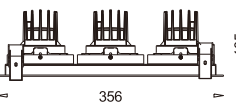
IP20 | CE | CB |  |  | 

Trim: Steel
Body: Die-cast aluminium
Housing: Steel
Optic: High efficiency Reflector
Weight: 1.16kg
CTN: 12PCS

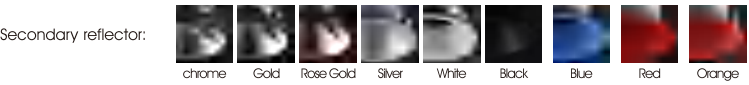
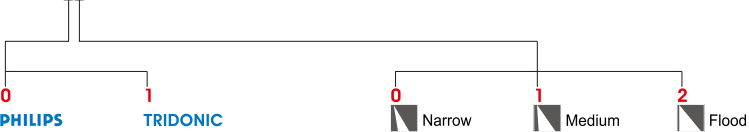
IO5 INTERCHANGEABLE OPTICAL SYSTEM See P012

 White  Black  Silver

Note: min 80mm(ceiling clearance)

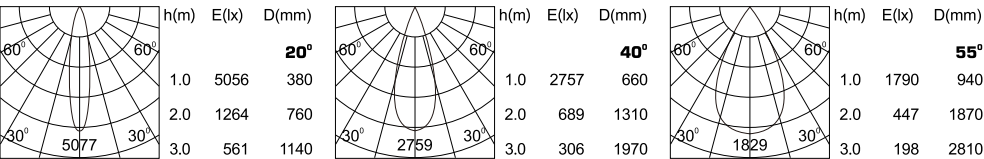


ORDERING CODE	Power (W)	Beam Angle (°)	CCT (K)	Hot Lumen (Lm)	LOR (%)	UGR	On/Off	DRIVER 1-10V	DALI	Triac
3SCPL800-W/B/S-830	3x16	20	3000	3x1281	82%					
3SCPL800-W/B/S-840			4000	3x1450						
3SCPL800-W/B/S-850			5000	3x1480						
3SCPL801-W/B/S-830	3x16	40	3000	3x1221	80%	<19	✓	✓	✓	✓
3SCPL801-W/B/S-840			4000	3x1415						
3SCPL801-W/B/S-850			5000	3x1444						
3SCPL802-W/B/S-830	3x16	55	3000	3x1191	78%					
3SCPL802-W/B/S-840			4000	3x1379						
3SCPL802-W/B/S-850			5000	3x1407						



Optical accessories See P012

PHILIPS SLM C 830 1203 L09 G1 3000K





SQUARE MARS SERIES MEDIUM ADJUSTABLE PROJECTOR
LED DOWNLIGHT

165



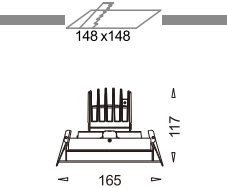
IP20 | CE | CB |

Trim: Steel
Body: Die-cast aluminium
Housing: Steel
Optic: High efficiency Reflector
Weight: 0.68kg
CTN: 18PCS

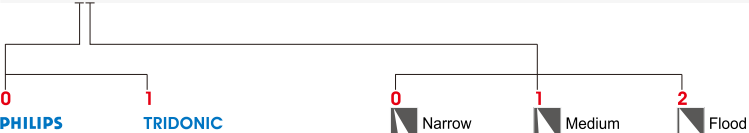
IO5 INTERCHANGABLE OPTICAL SYSTEM See P.012

White Black Silver

Note: min 80mm(ceiling clearance)

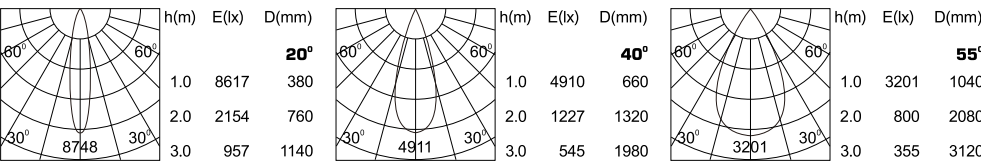


ORDERING CODE	Power (W)	Beam Angle (°)	CCT (K)	Hot Lumen (Lm)	LOR (%)	UGR	On/Off	1-10V	DALI	Triac
1SCPL1000-W/B/S-830	32	20	3000	2411	84%	<19	✓	✓	✓	✓
1SCPL1000-W/B/S-840			4000	2698						
1SCPL1000-W/B/S-850			5000	2752						
1SCPL1001-W/B/S-830	32	40	3000	2398	84%	<19	✓	✓	✓	✓
1SCPL1001-W/B/S-840			4000	2690						
1SCPL1001-W/B/S-850			5000	2750						
1SCPL1002-W/B/S-830	32	55	3000	2392	84%	<19	✓	✓	✓	✓
1SCPL1002-W/B/S-840			4000	2680						
1SCPL1002-W/B/S-850			5000	2730						



Optical accessories See P.012

PHILIPS SLM C 830 1205 L12 G1 3000K



SQUARE MARS SERIES MEDIUM ADJUSTABLE PROJECTOR
LED DOWNLIGHT

300X165



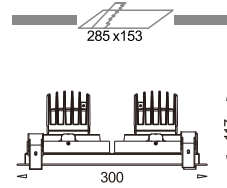
IP20 | CE | CB |

Trim: Steel
Body: Die-cast aluminium
Housing: Steel
Optic: High efficiency Reflector
Weight: 1.28kg
CTN: 12PCS

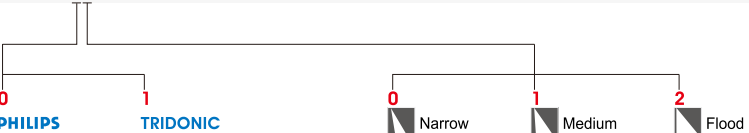
IO5 INTERCHANGABLE OPTICAL SYSTEM See P.012

White Black Silver

Note: min 80mm(ceiling clearance)

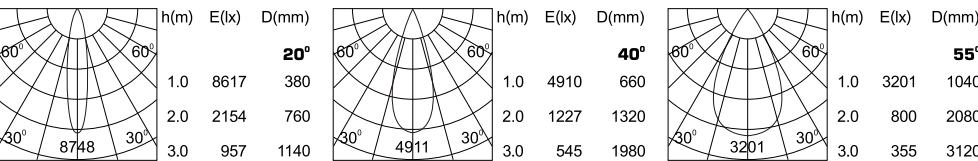


ORDERING CODE	Power (W)	Beam Angle (°)	CCT (K)	Hot Lumen (Lm)	LOR (%)	UGR	On/Off	1-10V	DALI	Triac
2SCPL1000-W/B/S-830	2x32	20	3000	2x2411	84%	<19	✓	✓	✓	✓
2SCPL1000-W/B/S-840			4000	2x2698						
2SCPL1000-W/B/S-850			5000	2x2752						
2SCPL1001-W/B/S-830	2x32	40	3000	2x2398	84%	<19	✓	✓	✓	✓
2SCPL1001-W/B/S-840			4000	2x2690						
2SCPL1001-W/B/S-850			5000	2x2750						
2SCPL1002-W/B/S-830	2x32	55	3000	2x2392	84%	<19	✓	✓	✓	✓
2SCPL1002-W/B/S-840			4000	2x2680						
2SCPL1002-W/B/S-850			5000	2x2730						



Optical accessories See P.012

PHILIPS SLM C 830 1205 L12 G1 3000K





SQUARE MARS SERIES MEDIUM ADJUSTABLE PROJECTOR
LED DOWNLIGHT

438X165

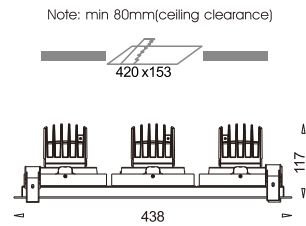


IP20 | CE | CB |

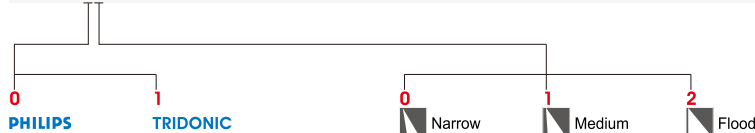
Trim: Steel
Body: Die-cast aluminium
Housing: Steel
Optic: High efficiency Reflector
Weight: 1.82kg
CTN: 9PCS

IO5 INTERCHANGABLE OPTICAL SYSTEM See P012

White Black Silver



ORDERING CODE	Power (W)	Beam Angle (°)	CCT (K)	Hot Lumen (Lm)	LOR (%)	UGR	On/Off	DRIVER 1-10V	DALI	Triac
3SCPL1000-W/B/S-830	3x32	20	3000	3x2411	84%	<19	✓	✓	✓	✓
3SCPL1000-W/B/S-840			4000	3x2698						
3SCPL1000-W/B/S-850			5000	3x2752						
3SCPL1001-W/B/S-830	3x32	40	3000	3x2398	84%	<19	✓	✓	✓	✓
3SCPL1001-W/B/S-840			4000	3x2690						
3SCPL1001-W/B/S-850			5000	3x2750						
3SCPL1002-W/B/S-830	3x32	55	3000	3x2392	84%	<19	✓	✓	✓	✓
3SCPL1002-W/B/S-840			4000	3x2680						
3SCPL1002-W/B/S-850			5000	3x2730						



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)
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





SQUARE MARS SERIES LARGE ADJUSTABLE PROJECTOR
LED DOWNLIGHT

195



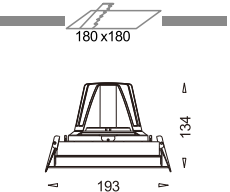
IP20 | CE | CB | | | |

Trim: Steel
Body: Die-cast aluminium
Housing: Steel
Optic: High efficiency Reflector
Weight: 1.05kg
CTN: 12PCS

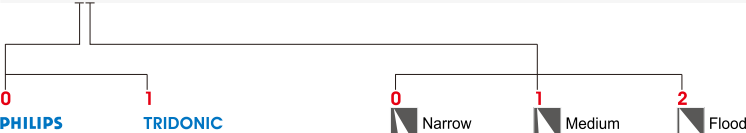
IO5 INTERMEDIATE OPTICAL SYSTEM See P012

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
1SCPL1200-W/B/S-830	38	20	3000	3147	84%	<19	✓	✓	✓	✓
1SCPL1200-W/B/S-840			4000	3586						
1SCPL1200-W/B/S-850			5000	3534						
1SCPL1201-W/B/S-830	38	40	3000	3089	83%	<19	✓	✓	✓	✓
1SCPL1201-W/B/S-840			4000	3544						
1SCPL1201-W/B/S-850			5000	3492						
1SCPL1202-W/B/S-830	38	55	3000	3042	82%	<19	✓	✓	✓	✓
1SCPL1202-W/B/S-840			4000	3501						
1SCPL1202-W/B/S-850			5000	3450						



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	11098	400	1.0	5431	800	1.0	4136	1010
2.0	2774	790	2.0	1357	1590	2.0	1034	2010
3.0	1233	1190	3.0	603	2390	3.0	459	3020



SQUARE MARS SERIES LARGE ADJUSTABLE PROJECTOR
LED DOWNLIGHT

365X195



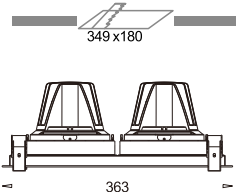
IP20 | CE | CB | | | |

Trim: Steel
Body: Die-cast aluminium
Housing: Steel
Optic: High efficiency Reflector
Weight: 2.02kg
CTN: 6PCS

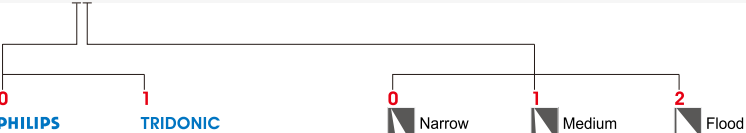
IO5 INTERMEDIATE OPTICAL SYSTEM See P012

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
2SCPL1200-W/B/S-830	2x38	20	3000	2x3147	84%	<19	✓	✓	✓	✓
2SCPL1200-W/B/S-840			4000	2x3586						
2SCPL1200-W/B/S-850			5000	2x3534						
2SCPL1201-W/B/S-830	2x38	40	3000	2x3089	83%	<19	✓	✓	✓	✓
2SCPL1201-W/B/S-840			4000	2x3544						
2SCPL1201-W/B/S-850			5000	2x3492						
2SCPL1202-W/B/S-830	2x38	55	3000	2x3042	82%	<19	✓	✓	✓	✓
2SCPL1202-W/B/S-840			4000	2x3501						
2SCPL1202-W/B/S-850			5000	2x3450						



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	11098	400	1.0	5431	800	1.0	4136	1010
2.0	2774	790	2.0	1357	1590	2.0	1034	2010
3.0	1233	1190	3.0	603	2390	3.0	459	3020



SQUARE MARS SERIES LARGE ADJUSTABLE PROJECTOR
LED DOWNLIGHT

520X195



IP20 | CE | CB |