

SHELL SERIES



Cut out:



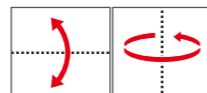
Ø70



Ø108



Ø152



Tilt

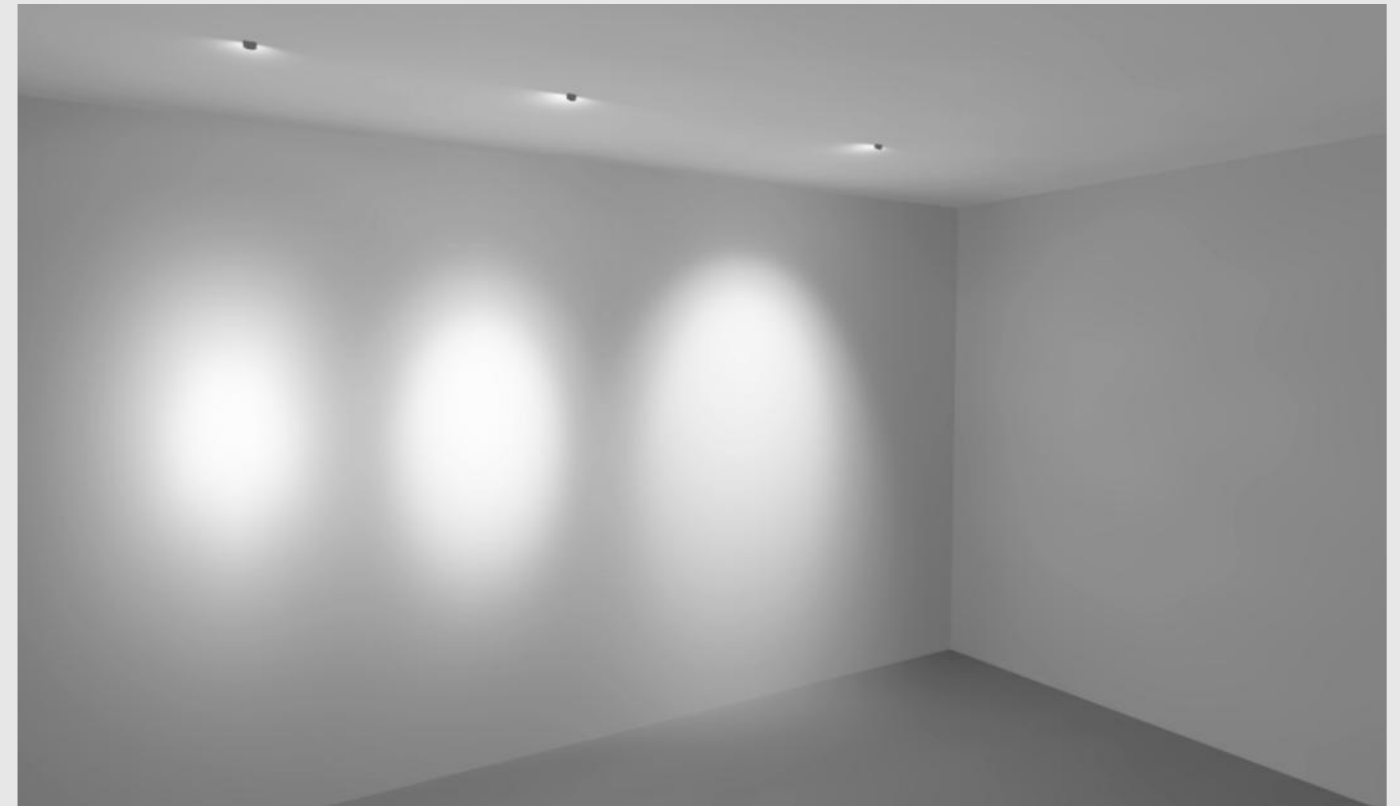
Rotate

Product features

SHELL recessed luminaire is a family of projectors with sleek lines available in 3 application from recessed, surfaced and track spots version. The excellent performance & adjustability (60° tilt) make it blend in wide range of application. The slim body design make it possible to fix all size of shallow recess depths facilitate the integration into the ceiling.

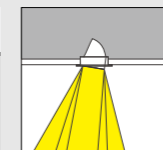
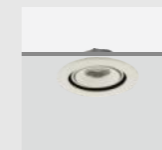
Range of Application

Commercial
Residential
Architectural
Hospitals
Industrial
Museum / Art gallery



Accentuation

Emphasis of objects or architectural elements.



Recessed spotlights

Very narrow to wide beam, Rotationally symmetrical light distribution for accent lighting.

LED

Wattage:6-16W
Lumen:320-1374lm
Light distribution:
Narrow
Medium
Flood



Suitable for indoor use

IP20

Protection level is IP20



High efficiency Lens



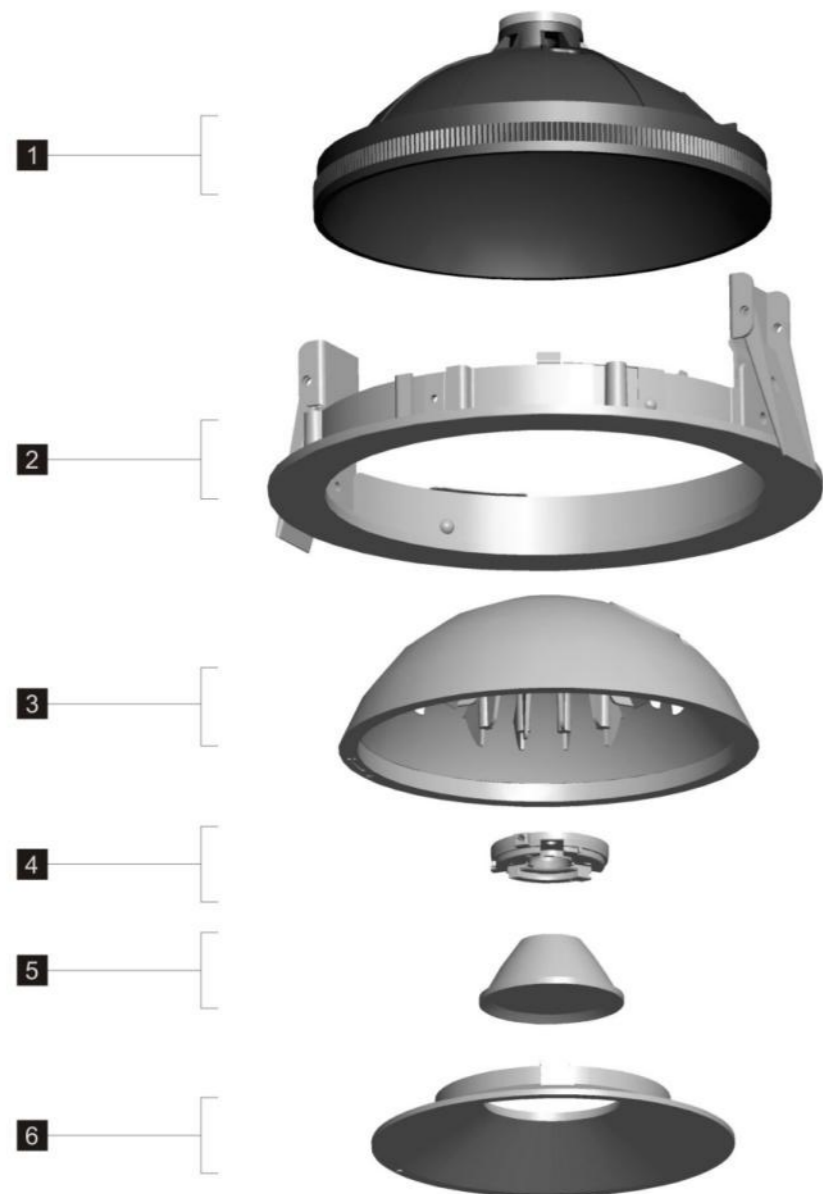
Comply with CE certification



The electrical grade is class2



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



Exploded view

- | | | | |
|---|---------------------|---|-----------------------|
| 1 | Housing made of PPS | 4 | Solder less connector |
| 2 | Outer Ring | 5 | Optical lens |
| 3 | Heat sink | 6 | Front ring |



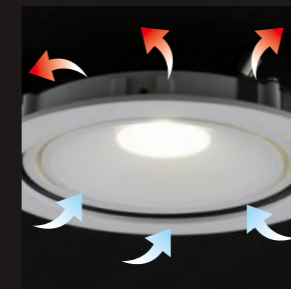
Angle of adjustment

Smooth mechanical structure that tilt 60° 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.



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

SHELL 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.

SHELL SERIES SMALL EXTRACTABLE PROJECTOR LED DOWNLIGHT

90

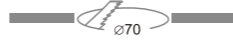


IP20 | CE | CB | □ | 3 | 🏠

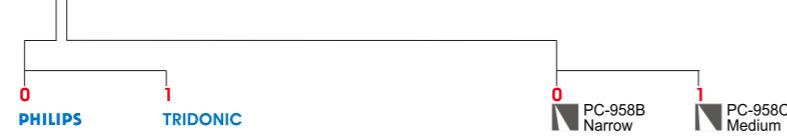
Trim: Die-cast aluminium
 Body: Die-cast aluminium
 Housing: Die-cast aluminium
 Optic: High efficiency lens
 Weight: 0.11kg
 CTN: 100PCS

○ 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
SH900-W/B/S-830	9	20	3000	759	78%	<19	✓	✓	✓	✓
SH900-W/B/S-840			4000	780						
SH900-W/B/S-850			5000	802						
SH901-W/B/S-830	9	40	3000	746	76%	<19	✓	✓	✓	✓
SH901-W/B/S-840			4000	760						
SH901-W/B/S-850			5000	782						



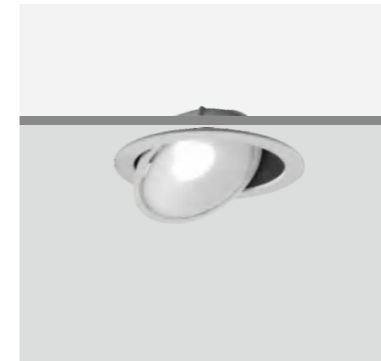
PHILIPS SLM C 830 1203 L09 G1

3000K

20°			40°		
h(m)	E(lx)	D(mm)	h(m)	E(lx)	D(mm)
1.0	2423	350	1.0	971	780
2.0	605	700	2.0	242	1550
3.0	269	1050	3.0	107	2330

SHELL SERIES MEDIUM EXTRACTABLE PROJECTOR LED DOWNLIGHT

120

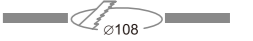


IP20 | CE | CB | □ | 3 | 🏠

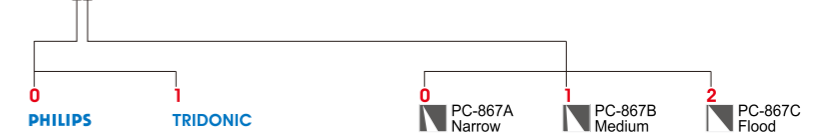
Trim: Die-cast aluminium
 Body: Die-cast aluminium
 Housing: PPS Plastic
 Optic: High efficiency lens
 Weight: 0.25kg
 CTN: 45PCS

○ 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
SH1200-W/B/S-830	9	20	3000	694	71%	<19	✓	✓	✓	✓
SH1200-W/B/S-840			4000	710						
SH1200-W/B/S-850			5000	730						
SH1201-W/B/S-830	9	40	3000	763	79%	<19	✓	✓	✓	✓
SH1201-W/B/S-840			4000	790						
SH1201-W/B/S-850			5000	812						
SH1202-W/B/S-830	9	50	3000	708	72%	<19	✓	✓	✓	✓
SH1202-W/B/S-840			4000	720						
SH1202-W/B/S-850			5000	740						



PHILIPS SLM C 830 1203 L09 G1

3000K

20°			40°			50°		
h(m)	E(lx)	D(mm)	h(m)	E(lx)	D(mm)	h(m)	E(lx)	D(mm)
1.0	2688	310	1.0	2423	350	1.0	971	780
2.0	672	610	2.0	605	700	2.0	242	1550
3.0	298	920	3.0	269	1050	3.0	107	2330



SHELL SERIES LARGE EXTRACTABLE PROJECTOR LED DOWNLIGHT

165

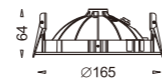


IP20 | CE | CB |

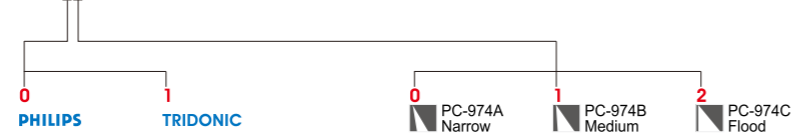
Trim: Die-cast aluminium
 Body: Die-cast aluminium
 Housing: PPS Plastic
 Optic: High efficiency lens
 Weight: 0.46kg
 CTN: 12PCS

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
SH1600-W/B/S-830			3000	1374						
SH1600-W/B/S-840	16	20	4000	1539	87%	<19	√	√	√	√
SH1600-W/B/S-850			5000	1570						
SH1601-W/B/S-830			3000	1332						
SH1601-W/B/S-840	16	40	4000	1521	86%	<19	√	√	√	√
SH1601-W/B/S-850			5000	1552						
SH1602-W/B/S-830			3000	1325						
SH1602-W/B/S-840	16	50	4000	1520	86%	<19	√	√	√	√
SH1602-W/B/S-850			5000	1550						



PHILIPS SLM C 830 1203 L09 G1

3000K

20°			40°			50°		
h(m)	E(lx)	D(mm)	h(m)	E(lx)	D(mm)	h(m)	E(lx)	D(mm)
1.0	6758	330	1.0	2590	620	1.0	1393	896
2.0	1689	650	2.0	651	1250	2.0	347	1792
3.0	750	980	3.0	287	1870	3.0	154	2688

