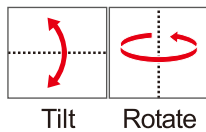




CARDANIC SERIES ADJUSTABLE PROJECTOR
LED DOWNLIGHT

CARDANIC Series



Product features

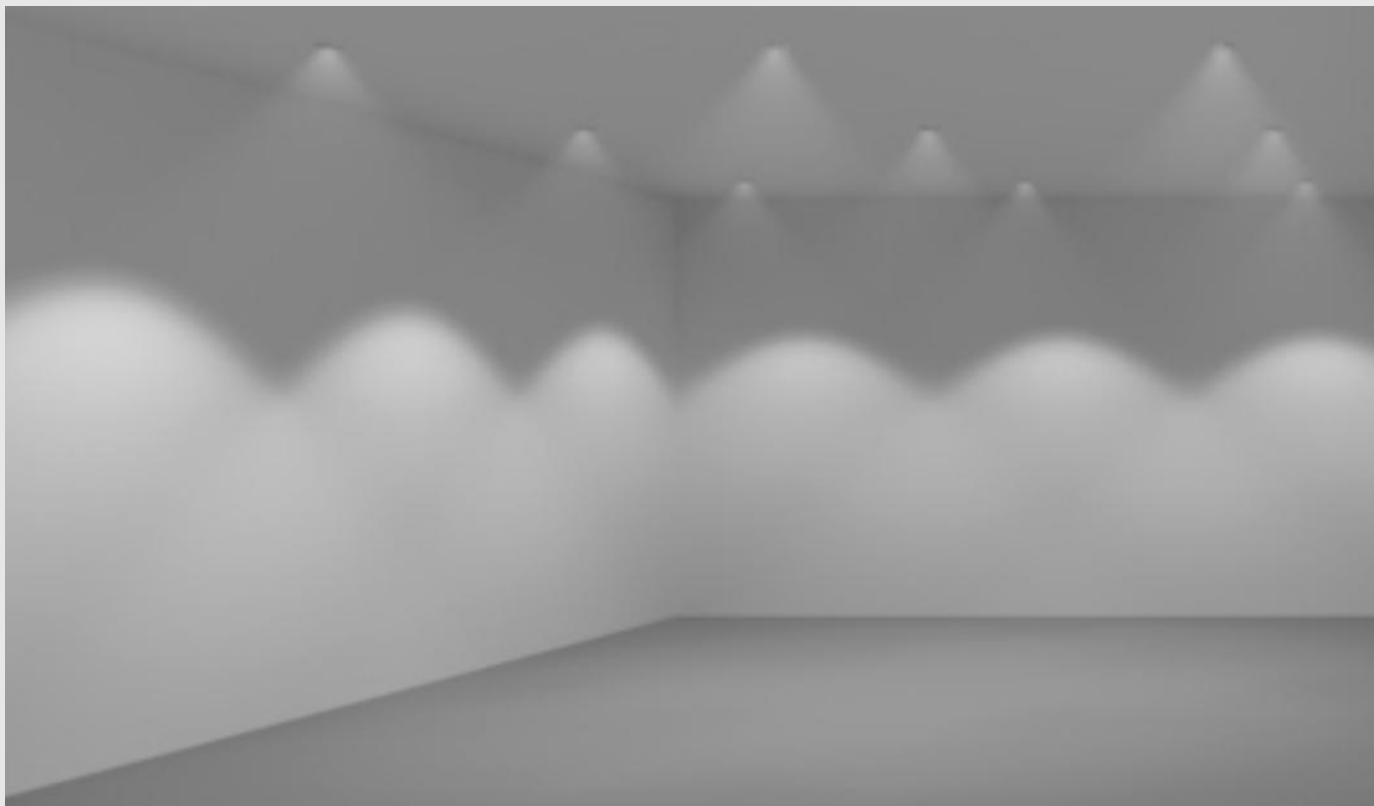
The CARDANIC round recessed spotlights help you expertly accentuate individual areas or objects. The recessed floodlights, meanwhile, direct the attention of the observer onto your shelves and product tables. The luminaires integrate elegantly with the room architecture, their large swivel range enables you to reach even far corners of the room. The CARDANIC system design facilitates a flexible lighting concept as a unified whole. Combine spotlights and floodlights with each other or with the CARDANIC 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

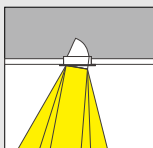


CARDANIC SERIES ADJUSTABLE PROJECTOR
LED DOWNLIGHT



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



Suitable for indoor use

IP20

Protection level is IP20



High efficiency Reflector



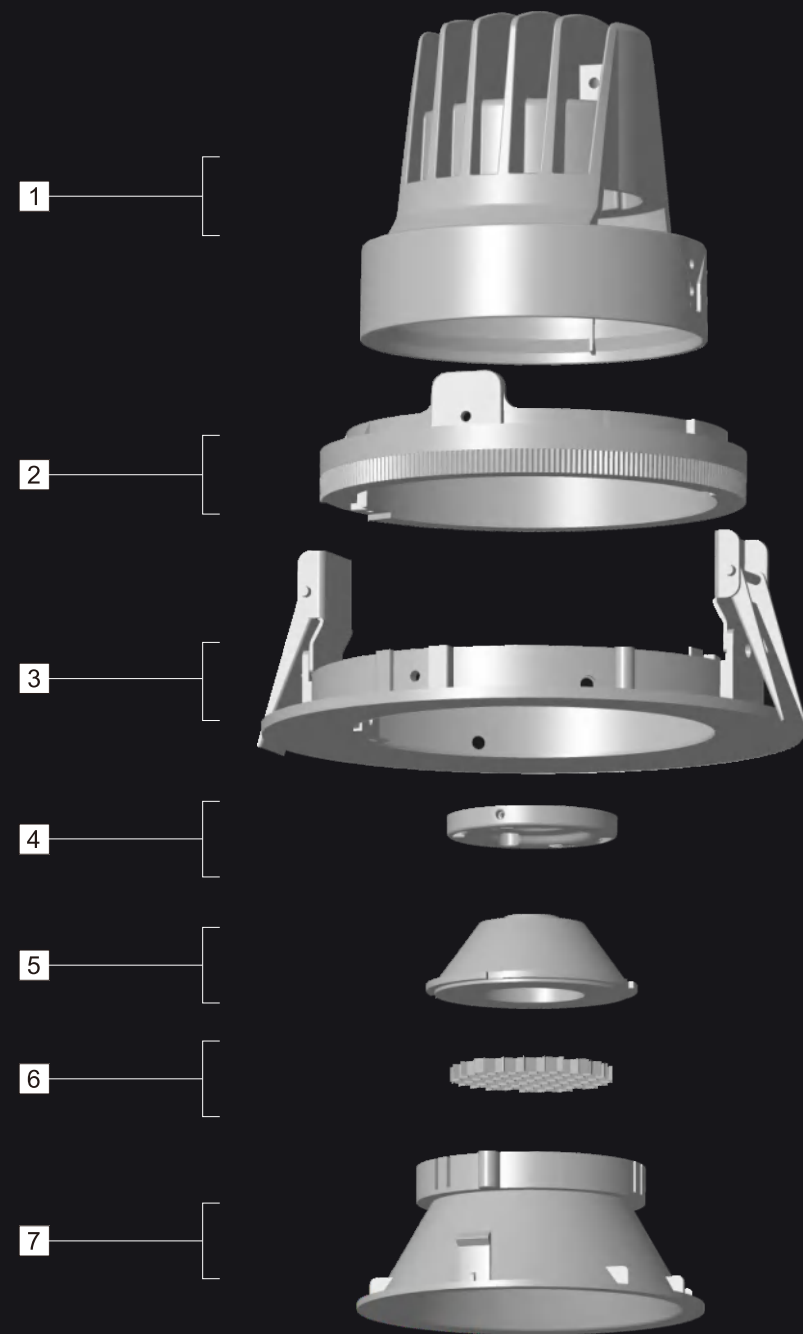
Comply with CE certification



The electrical grade is class2



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



Exploded view

- | | | | |
|---|-----------------------|---|-----------------------------|
| 1 | Radiator | 5 | Primary optics |
| 2 | Ring | 6 | Honeycomb |
| 3 | Front Ring | 7 | Secondary optical reflector |
| 4 | Solder less connector | | |



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

CARDANIC 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.



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.



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.



CARDANIC SERIES SMALL ADJUSTABLE PROJECTOR
LED DOWNLIGHT

135



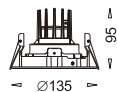
IP20 | CE | CB | | |

Trim: Die-cast aluminium
Body: Die-cast aluminium
Housing: PPS Plastic
Optic: High efficiency Reflector
Weight: 0.38kg
CTN: 36PCS

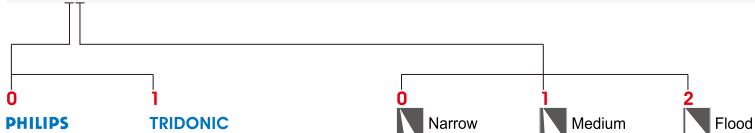
IO5 INTERCHANGABLE OPTICAL SYSTEM See P.012

White Black Silver

Note: min 80mm(ceiling clearance)



ORDERING CODE	Power (W)	Beam Angle (°)	CCT (K)	Hot Lumen (Lm)	LOR (%)	UGR	On/Off	DRIVER 1-10V	DALI	Triac
CDS1300-W/B/S-830	16	20	3000	1281	82%	<19	✓	✓	✓	✓
CDS1300-W/B/S-840			4000	1450						
CDS1300-W/B/S-850			5000	1480						
CDS1301-W/B/S-830	16	40	3000	1221	80%	<19	✓	✓	✓	✓
CDS1301-W/B/S-840			4000	1415						
CDS1301-W/B/S-850			5000	1444						
CDS1302-W/B/S-830	16	55	3000	1191	78%	<19	✓	✓	✓	✓
CDS1302-W/B/S-840			4000	1379						
CDS1302-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



CARDANIC SERIES MEDIUM ADJUSTABLE PROJECTOR
LED DOWNLIGHT

160



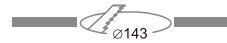
IP20 | CE | CB | | |

Trim: Die-cast aluminium
Body: Die-cast aluminium
Housing: PPS Plastic
Optic: High efficiency Reflector
Weight: 0.55kg
CTN: 24PCS

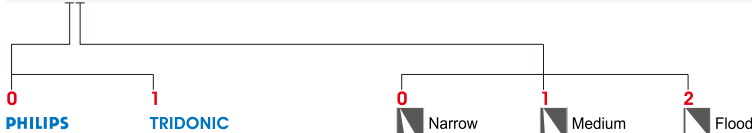
IO5 INTERCHANGABLE OPTICAL SYSTEM See P.012

White Black Silver

Note: min 80mm(ceiling clearance)



ORDERING CODE	Power (W)	Beam Angle (°)	CCT (K)	Hot Lumen (Lm)	LOR (%)	UGR	On/Off	DRIVER 1-10V	DALI	Triac
CDS1600-W/B/S-830	32	20	3000	2411	84%	<19	✓	✓	✓	✓
CDS1600-W/B/S-840			4000	2698						
CDS1600-W/B/S-850			5000	2752						
CDS1601-W/B/S-830	32	40	3000	2398	84%	<19	✓	✓	✓	✓
CDS1601-W/B/S-840			4000	2690						
CDS1601-W/B/S-850			5000	2750						
CDS1602-W/B/S-830	32	55	3000	2392	84%	<19	✓	✓	✓	✓
CDS1602-W/B/S-840			4000	2680						
CDS1602-W/B/S-850			5000	2730						



Optical accessories See P.012

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



CARDANIC SERIES LARGE ADJUSTABLE PROJECTOR
LED DOWNLIGHT

190



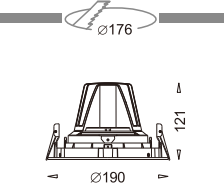
IP20 | CE | CB |

Trim: Die-cast aluminium
Body: Die-cast aluminium
Housing: PPS Plastic
Optic: High efficiency Reflector
Weight: 0.74kg
CTN: 12PCS

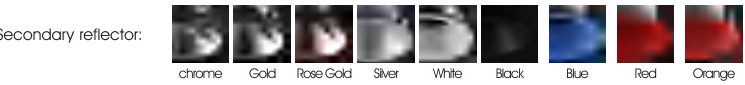
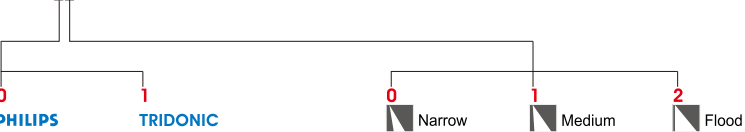
IO5 INTERCHANGEABLE OPTICAL SYSTEM See P.012

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
CDS1900-W/B/S-830	38	20	3000	3147	84%	<19	✓	✓	✓	✓
CDS1900-W/B/S-840			4000	3586						
CDS1900-W/B/S-850			5000	3534						
CDS1901-W/B/S-830	38	40	3000	3089	83%	<19	✓	✓	✓	✓
CDS1901-W/B/S-840			4000	3544						
CDS1901-W/B/S-850			5000	3492						
CDS1902-W/B/S-830	38	55	3000	3042	82%	<19	✓	✓	✓	✓
CDS1902-W/B/S-840			4000	3501						
CDS1902-W/B/S-850			5000	3450						



Optical accessories See P.012

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	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

