



HAMMER ROUND SERIES FIXED PROJECTOR
LED DOWNLIGHT

HAMMER SERIES



Round



Square

Product features

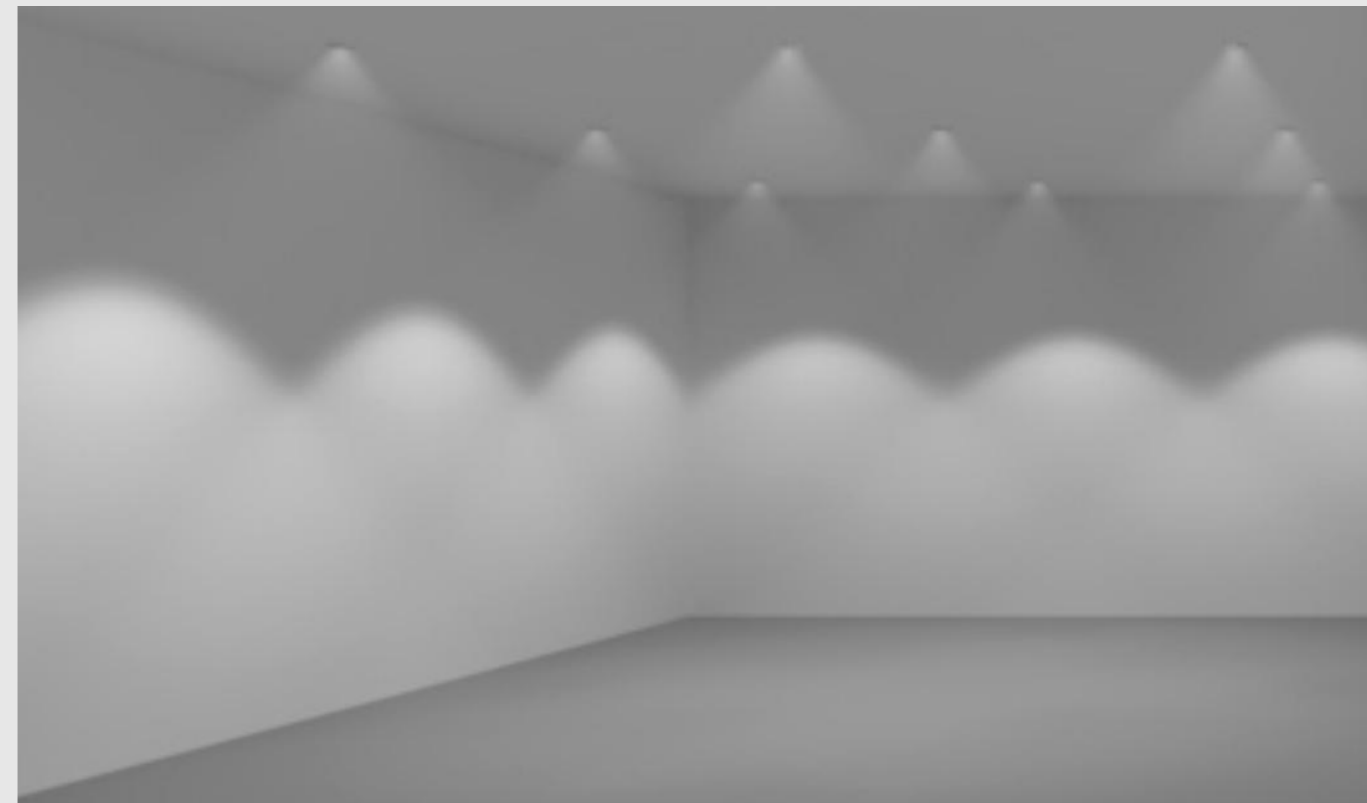
HAMMER ROUND series. Super compact design with the greatest and efficient passive cooling system. The high presser A360 Alloy one piece Aluminum casting body give super strong durability and positions that offers the greatest performance of heat dissipation. HAMMER ROUND has an reflector systems for Narrow, Medium or Flood and various accessories that madp possible kind of to suit all application or use. The LED's Long life and energy efficiency offer significant advantages in terms of running costs. HAMMER ROUND LED family are most ideal for architectural and commercial use.

Range of Application

Commercial
Residential
Architectural
Hospitals
Industrial
Museum / Art gallery

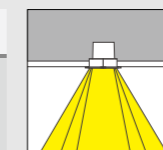
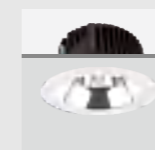


HAMMER ROUND SERIES FIXED PROJECTOR
LED DOWNLIGHT



General lighting

Ambient lighting produced by wide beam light distribution.



Downlights

Wide beam, rotationally symmetrical light distribution for general lighting

LED

Wattage:22-50W
Lumen:1407-3500lm
Light distribution:
Narrow
Medium
Flood



Suitable for indoor use

IP20

Protection level is IP20



High efficiency Reflector



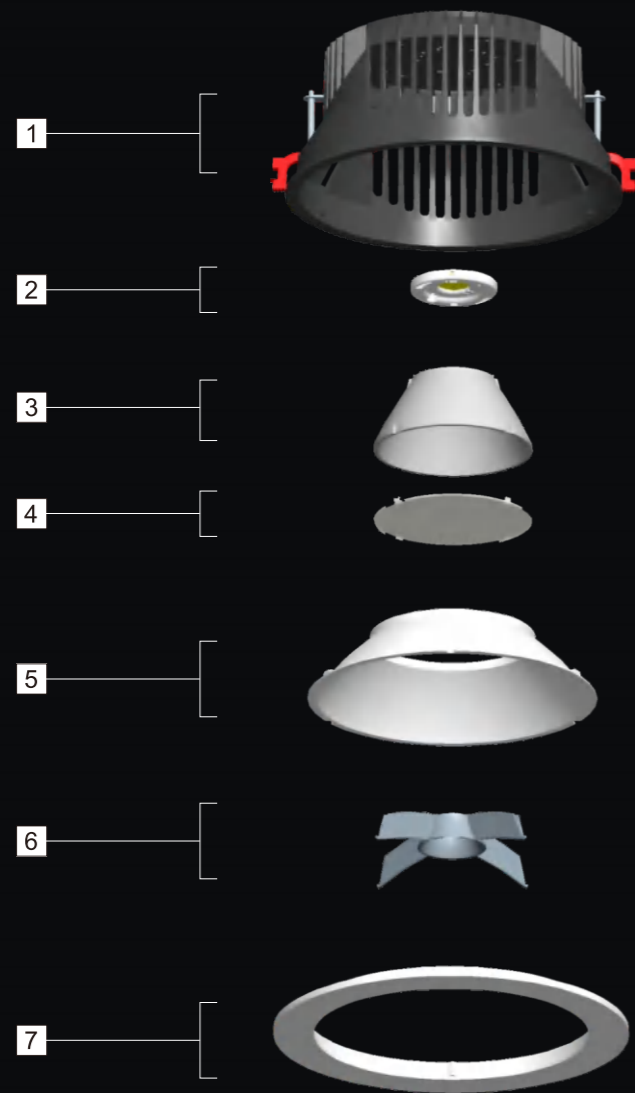
Comply with CE certification



The electrical grade is class2

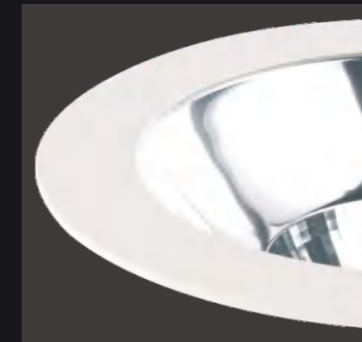


CRI > 80 (standard)
CRI > 90 (optional)



Exploded view

- | | |
|---------------------------|-------------------------------|
| 1 Housing and Heat sink | 5 Secondary optical reflector |
| 2 Solder less connector | 6 Cross-blade louvre |
| 3 Reflector | 7 Front ring |
| 4 Glass/PMMA Safety cover | |



DARK LIGHTS

Dark light HAMMER ROUND reflector design with technology focusable with a light build 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.



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 a special locking that made it possible to add other accessories or secondary optics. Best of all installation are simple and extremely friendly to apply.

Reliable ceiling mounting system



Mounting spring system an 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



Double-wall construction serves as a cooling system is designed to dissipate heat from LED, also providing maximum air flow from the entire operation caused by rising hot air. When the operation temperature has been minimized, and the LED are guaranteed for it's maximum life time.

HAMMER ROUND SERIES SMALL FIXED PROJECTOR LED DOWNLIGHT

120



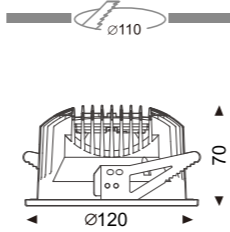
IP20 | CE | CB |

Trim: Die-cast aluminium
Body: Die-cast aluminium
Housing: Die-cast aluminium
Optic: High efficiency Reflector
Weight: 0.27kg
CTN: 36PCS

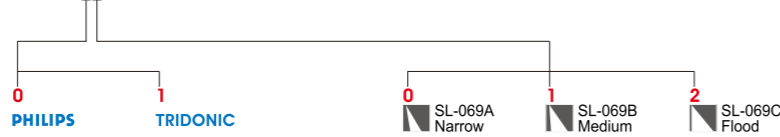
IO6 INTERCHANGEABLE OPTICAL SYSTEM See P014

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
LHAM1200-W/B/S-830	22	20	3000	1814	84%	<19	✓	✓	✓	✓
LHAM1200-W/B/S-840			4000	1828						
LHAM1200-W/B/S-850			5000	1841						
LHAM1201-W/B/S-830	22	35	3000	1691	78%	<19	✓	✓	✓	✓
LHAM1201-W/B/S-840			4000	1704						
LHAM1201-W/B/S-850			5000	1716						
LHAM1202-W/B/S-830	22	55	3000	1668	77%	<19	✓	✓	✓	✓
LHAM1202-W/B/S-840			4000	1680						
LHAM1202-W/B/S-850			5000	1692						



PHILIPS SLM C 830 1203 L09 G1 3000K

Beam Angle	h(m)	E(lx)	D(mm)
20°	1.0	7090	380
	2.0	1772	760
	3.0	787	1130
35°	1.0	3525	640
	2.0	881	1280
	3.0	391	1930
55°	1.0	2357	980
	2.0	589	1960
	3.0	261	2950

HAMMER ROUND SERIES MEDIUM FIXED PROJECTOR LED DOWNLIGHT

165



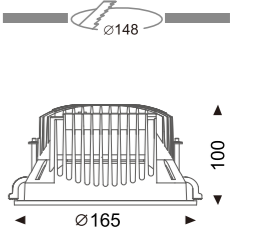
IP20 | CE | CB |

Trim: Die-cast aluminium
Body: Die-cast aluminium
Housing: Die-cast aluminium
Optic: High efficiency Reflector
Weight: 0.59kg
CTN: 27PCS

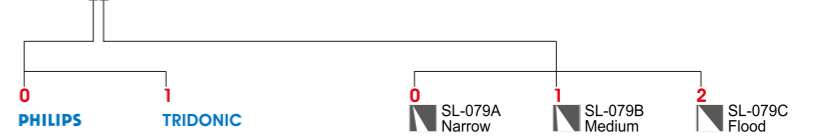
IO6 INTERCHANGEABLE OPTICAL SYSTEM See P014

White Black Silver

Note: min 80mm(ceiling clearance)

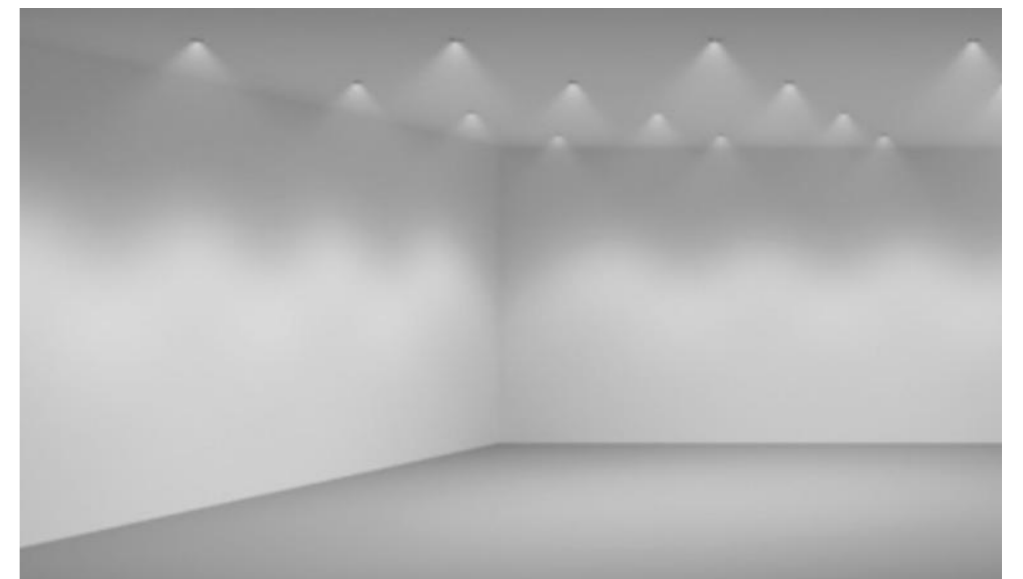


ORDERING CODE	Power (W)	Beam Angle (°)	CCT (K)	Hot Lumen (Lm)	LOR (%)	UGR	On/Off	DRIVER 1-10V	DALI	Triac
LHAM1600-W/B/S-830	40	20	3000	3301	78%	<19	✓	✓	✓	✓
LHAM1600-W/B/S-840			4000	3595						
LHAM1600-W/B/S-850			5000	3737						
LHAM1601-W/B/S-830	40	35	3000	3227	76%	<19	✓	✓	✓	✓
LHAM1601-W/B/S-840			4000	3503						
LHAM1601-W/B/S-850			5000	3641						
LHAM1602-W/B/S-830	40	55	3000	3225	76%	<19	✓	✓	✓	✓
LHAM1602-W/B/S-840			4000	3494						
LHAM1602-W/B/S-850			5000	3632						



PHILIPS SLM C 830 1208 L14 G1 3000K

Beam Angle	h(m)	E(lx)	D(mm)
20°	1.0	16596	350
	2.0	4142	700
	3.0	1841	1060
35°	1.0	7494	560
	2.0	1973	1120
	3.0	832	1680
55°	1.0	4735	960
	2.0	1183	1920
	3.0	526	2890





HAMMER ROUND SERIES LARGE FIXED PROJECTOR LED DOWNLIGHT

205



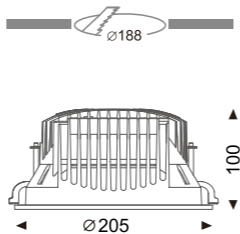
IP20 | CE | CB |

Trim: Die-cast aluminium
Body: Die-cast aluminium
Housing: Die-cast aluminium
Optic: High efficiency Reflector
Weight: 0.85kg
CTN: 16PCS

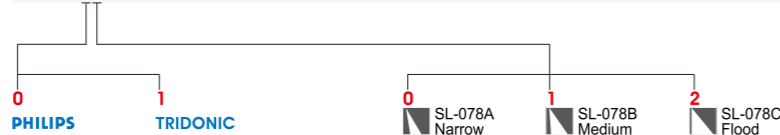
IO6 INTERCHANGEABLE OPTICAL SYSTEM See P014

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
LHAM2000-W/B/S-830	50	20	3000	4144	81%	<19	√	√	√	√
LHAM2000-W/B/S-840			4000	4270						
LHAM2000-W/B/S-850			5000	4189						
LHAM2001-W/B/S-830	50	40	3000	4064	80%	<19	√	√	√	√
LHAM2001-W/B/S-840			4000	4217						
LHAM2001-W/B/S-850			5000	4236						
LHAM2002-W/B/S-830	50	60	3000	4015	79%	<19	√	√	√	√
LHAM2002-W/B/S-840			4000	4164						
LHAM2002-W/B/S-850			5000	4183						



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°			60°		
1.0	16581	340	1.0	7645	600	1.0	3978	1310
2.0	4145	680	2.0	1911	1210	2.0	994	2620
3.0	1845	1020	3.0	849	1810	3.0	442	3920



HAMMER ROUND SERIES JUMBO FIXED PROJECTOR LED DOWNLIGHT

230



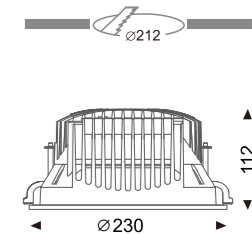
IP20 | CE | CB |

Trim: Die-cast aluminium
Body: Die-cast aluminium
Housing: Die-cast aluminium
Optic: High efficiency Reflector
Weight: 1.19kg
CTN: 16PCS

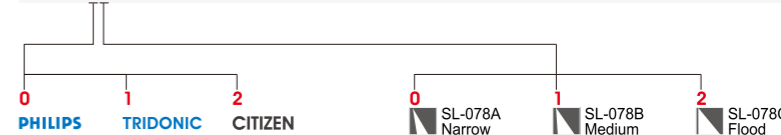
IO6 INTERCHANGEABLE OPTICAL SYSTEM See P014

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
LHAM2320-W/B/S-830	60	20	3000	4599	85%	<19	√	√	√	√
LHAM2320-W/B/S-840			4000	4658						
LHAM2320-W/B/S-850			5000	4675						
LHAM2321-W/B/S-830	60	40	3000	4453	82%	<19	√	√	√	√
LHAM2321-W/B/S-840			4000	4493						
LHAM2321-W/B/S-850			5000	4510						
LHAM2322-W/B/S-830	60	60	3000	4331	80%	<19	√	√	√	√
LHAM2322-W/B/S-840			4000	4384						
LHAM2322-W/B/S-850			5000	4400						



CITIZEN CLU038-1208C4-030M2M2

3000K

h(m)	E lx	D(mm)	h(m)	E lx	D(mm)	h(m)	E lx	D(mm)
20°			40°			60°		
1.0	19737	350	1.0	8340	610	1.0	4308	1200
2.0	4484	700	2.0	2085	1220	2.0	1077	2400
3.0	1973	1040	3.0	926	1820	3.0	478	3600

