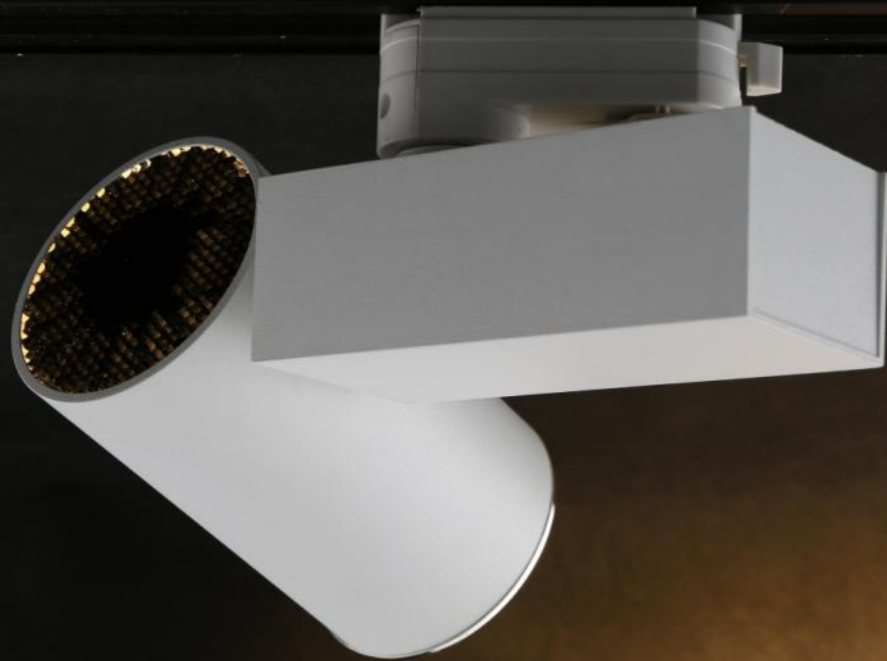
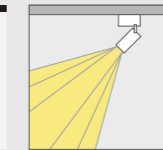
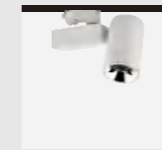




LASER HORIZONTAL GEARBOX SERIES



Accentuation
Emphasis of objects or architectural elements.



Track spotlights
narrow to wide beam, Rotateally symmetrical light distribution for accent lighting.

LED
Wattage:22-50W
Lumen:1588-3671lm
Light distribution:
Narrow
Medium
Flood

Product features

LASER Spot projector is a 4 different family series but sharing the same optic systems and accessories which made this 4 series to have the same light effects technology, but in different size and gearbox re-arrangement. Thanks to ISS and IO5 system which made it possible to interchange LED and different beam angle within a few second. With all these special features, LASER track spot possible to be used in all kind of applications.

Range of Application

Commercial
Architectural
Museum / Art gallery



Suitable for indoor use



Protection level is IP20



High efficiency Reflector



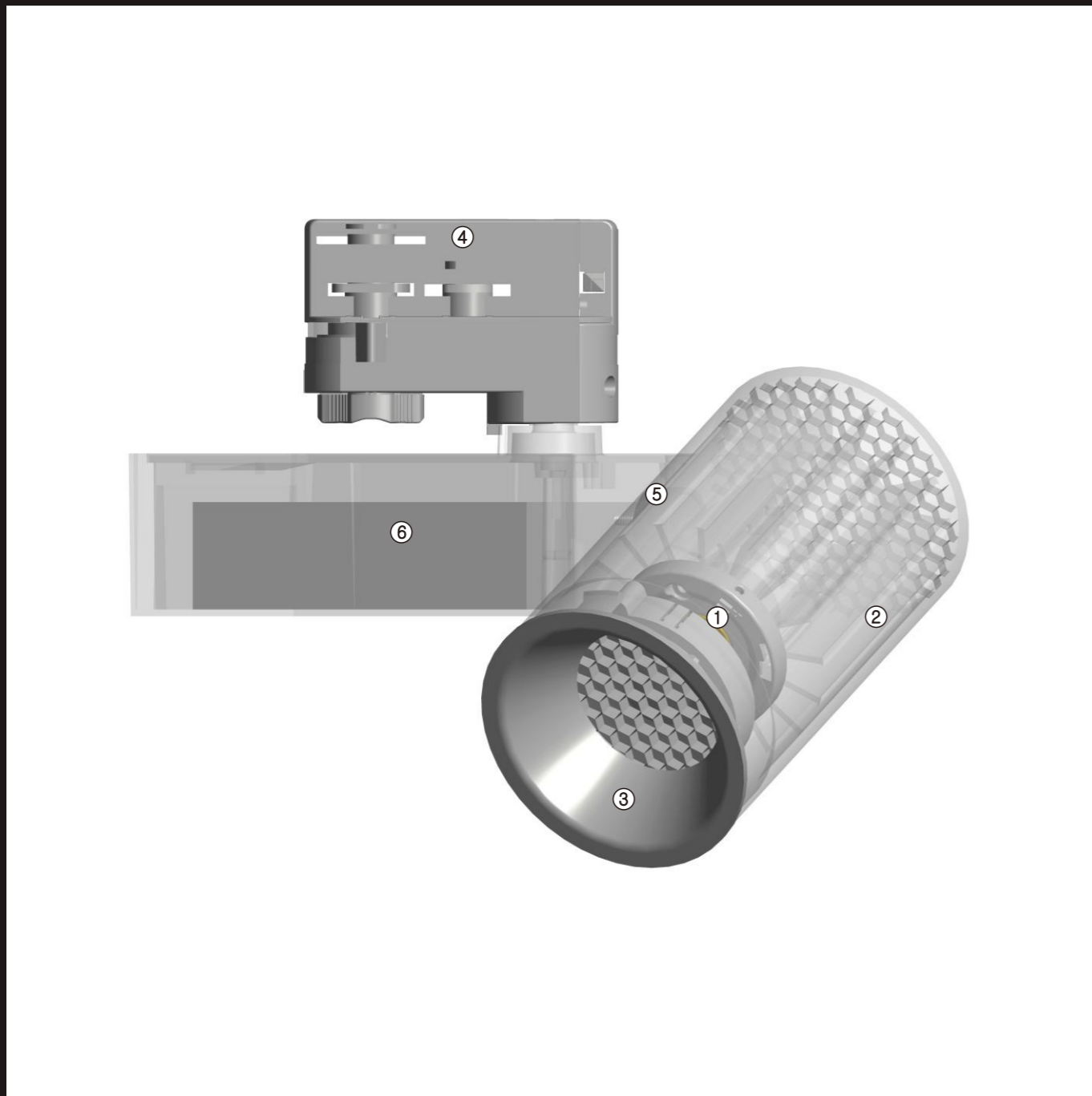
Comply with CE certification



The electrical grade is class1



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



1: LEDs

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

2: Housing

Made of die-casting aluminum and designed in support of the heat dissipation function. The latest heat dissipation housing, with optimized heat dissipation structure, which facilitate the heat exchange quickly from aluminum alloy die-casting housing to the air.

3: Reflector system

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

4: Adapter

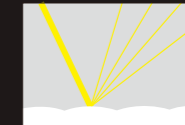
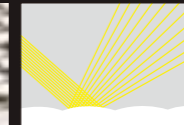
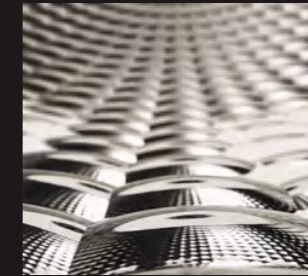
Providing adapters of 2 phase, 3 phase and 4 phase in order to meet requirements of installation.

5: Structure design

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

6: Control gear

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



The innovative ball-facet reflectors that diffused the sharp light from the led (light error) which give an focus brilliant focus effect that is also uniform. the reflector surface consists of computer calculated, spherically domed facets.



High efficiency dissipation 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. 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 , Tridonic . 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.

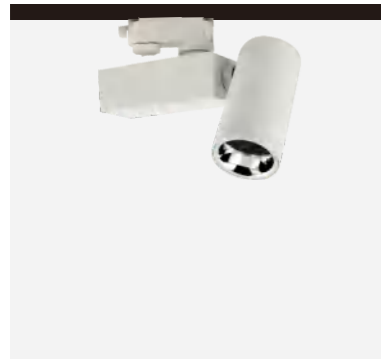


Angle of adjustment

Smooth mechanical structure that tilt 180° on both side and an swing angle of 355° that has an inter-grated ratchets. The ratchets structure improve the rotational smoothness and give an quality feel and sound when it rotates.

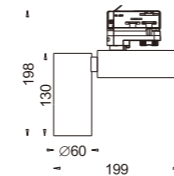
LASER SMALL HORIZONTAL GEARBOX SERIES
LED TRACK SPOT LIGHT

60



IP20 | CE | CB |

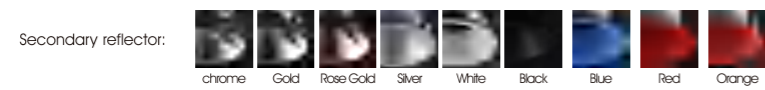
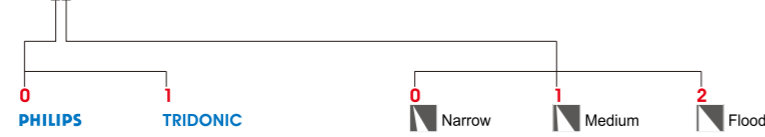
Body: Die-cast aluminium
Housing: Die-cast aluminium
Optic: High efficiency Reflector
Weight: 0.67kg
CTN: 24PCS



IO5 INTERCHANGABLE OPTICAL SYSTEM See P.012

White Black Silver

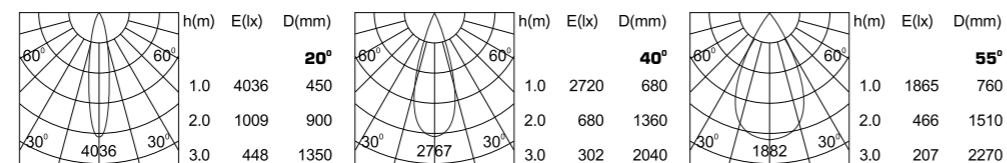
ORDERING CODE	Power (W)	Beam Angle (°)	CCT (K)	Hot Lumen (Lm)	LOR (%)	UGR	On/Off	DRIVER 1-10V	DALI	Triac
LH600-W/B/S-830	22	20	3000	1588	74%	<19	✓	✓	✓	✓
LH600-W/B/S-840			4000	1762						
LH600-W/B/S-850			5000	1862						
LH601-W/B/S-830	22	40	3000	1566	73%	<19	✓	✓	✓	✓
LH601-W/B/S-840			4000	1738						
LH601-W/B/S-850			5000	1797						
LH602-W/B/S-830	22	55	3000	1609	75%	<19	✓	✓	✓	✓
LH602-W/B/S-840			4000	1786						
LH602-W/B/S-850			5000	1846						



Optical accessories See P.012

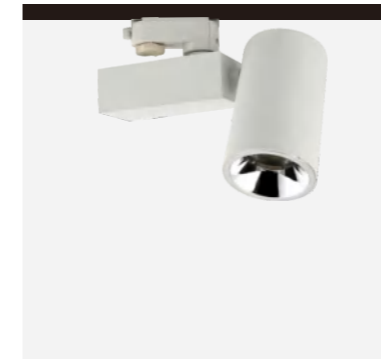
PHILIPS SLM C 830 1203 L09 G1

3000K



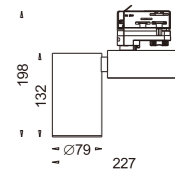
LASER MEDIUM HORIZONTAL GEARBOX SERIES
LED TRACK SPOT LIGHT

80



IP20 | CE | CB |

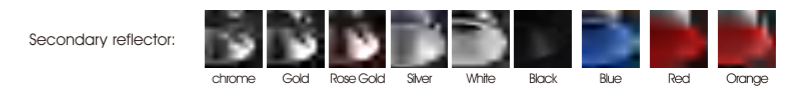
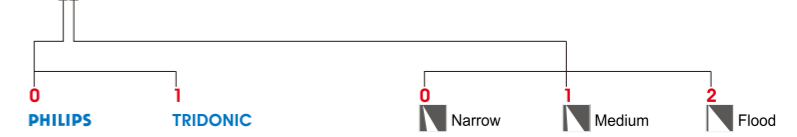
Body: Die-cast aluminium
Housing: Die-cast aluminium
Optic: High efficiency Reflector
Weight: 0.83kg
CTN: 20PCS



IO5 INTERCHANGABLE OPTICAL SYSTEM See P.012

White Black Silver

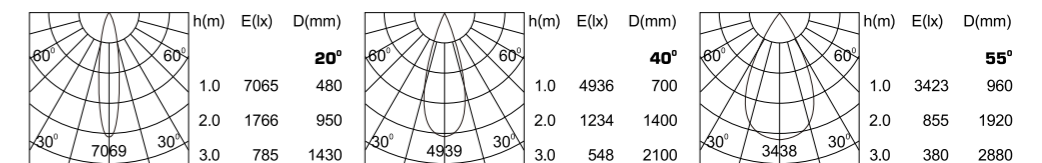
ORDERING CODE	Power (W)	Beam Angle (°)	CCT (K)	Hot Lumen (Lm)	LOR (%)	UGR	On/Off	DRIVER 1-10V	DALI	Triac
LH800-W/B/S-830	32	20	3000	2380	83%	<19	✓	✓	✓	✓
LH800-W/B/S-840			4000	2666						
LH800-W/B/S-850			5000	2719						
LH801-W/B/S-830	32	40	3000	2362	82%	<19	✓	✓	✓	✓
LH801-W/B/S-840			4000	2634						
LH801-W/B/S-850			5000	2687						
LH802-W/B/S-830	32	55	3000	2310	80%	<19	✓	✓	✓	✓
LH802-W/B/S-840			4000	2570						
LH802-W/B/S-850			5000	2621						



Optical accessories See P.012

PHILIPS SLM C 830 1205 L12 G1

3000K





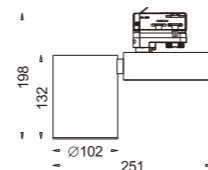
LASER LARGE HORIZONTAL GEARBOX SERIES
LED TRACK SPOT LIGHT

100



IP20 | CE | CB |

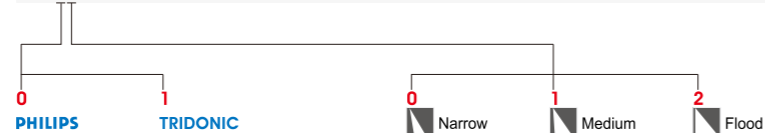
Body: Die-cast aluminium
Housing: Die-cast aluminium
Optic: High efficiency Reflector
Weight: 0.96kg
CTN: 12PCS



IO5 INTERCHANGEABLE OPTICAL SYSTEM See P.012

White Black Silver

ORDERING CODE	Power (W)	Beam Angle (°)	CCT (K)	Hot Lumen (Lm)	LOR (%)	UGR	On/Off	DRIVER 1-10V	DALI	Triac
LH1000-W/B/S-830	50	20	3000	3671	77%	<19	✓	✓	✓	✓
LH1000-W/B/S-840			4000	4059						
LH1000-W/B/S-850			5000	4077						
LH1001-W/B/S-830	50	40	3000	3613	75%	<19	✓	✓	✓	✓
LH1001-W/B/S-840			4000	3954						
LH1001-W/B/S-850			5000	3972						
LH1002-W/B/S-830	50	55	3000	3703	77%	<19	✓	✓	✓	✓
LH1002-W/B/S-840			4000	4050						
LH1002-W/B/S-850			5000	4070						



Secondary reflector:



Color Lens:



Diffuser Lens:



Anti-glare:



Optical accessories See P.012

PHILIPS SLM C 830 1208 L14 G1

3000K

Beam Angle	h(m)	E(lx)	D(mm)
20°	1.0	11776	410
	2.0	2944	810
	3.0	1308	1220
40°	1.0	7156	680
	2.0	1789	1360
	3.0	795	2040
55°	1.0	4966	1060
	2.0	1241	2110
	3.0	551	3170

