

Customer first

Mission

Our mission is to provide the perfect light environment. We strive to be customer's natural and first choice.

lume**plus**



Beyond the **dream**

Our basic principles

dream



passion



professionalism



innovation



challenge



responsibility



sharing



win-win



THE LANGUAGE OF LIGHTING

WATTAGE

THE LIGHT'S ENERGY CONSUMPTION



Lower wattage LED use less electricity

LUMENS

MEASURE THE LIGHT'S BRIGHTNESS



A higher number means more output of light

CCT

A SCALE FOR COLOR OF LIGHT



A higher number means a cooler light.

CRI

THE ABILITY OF REVEAL COLORS OF OBJECTS



A higher number more true colors to reveal

BEAM ANGLE

A SCALE FOR ANGLE OF LIGHT



Narrow for spotlight wide for flood lights

UGR

A SCALE OF COMFORTABLE OF LIGHTING

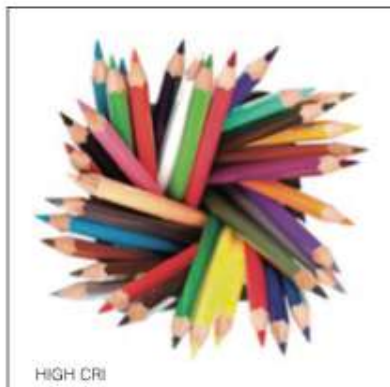
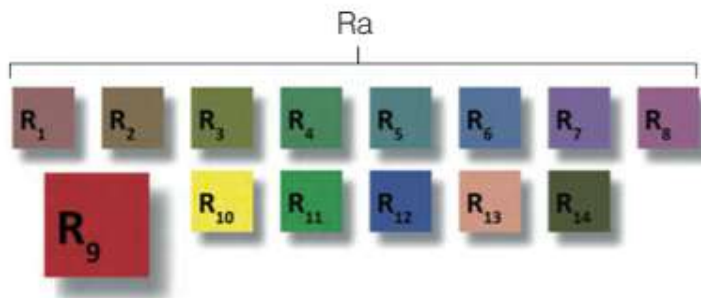


Below 16 is good more than 25 is bad

GENERAL COLOUR RENDERING INDEX (Ra) AND SPECIAL CRI (Ri)



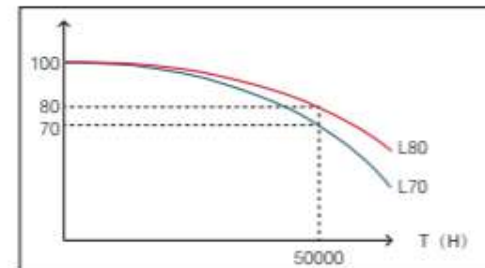
The general Colour Rendering Index looks at the first 8 colour indices (Ri). Ra is the average of the eight Ri values and is stated as CRI with a maximum value of 100. Special CRI refers to the remaining 6 colours (9 to 15) including the saturated colours and skin tones. Therefore manufacturers often aim for interior lighting LEDs to have strong R9 and R13/R15 values, as this improves the appearance of complexion giving the skin a healthy looking glow



LED AND LIFETIME

One of the benefits of the LED is its long lifetime. Because it has no movable part or filament that may break the LED can have long lifetime.

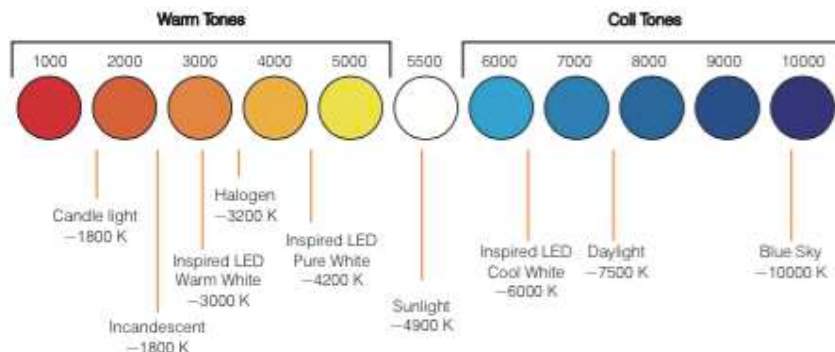
The light output from all light sources, LED, halogen, metal halide and fluorescent decreases over time. The amount of light from the light source at a specific time in the future is referred to as the lamp lumen maintenance factor, or LLMF. The lifetime of a LED module is defined as the time it takes until its light output, or lumen maintenance, reaches 70% of the initial output. This is also called L70. In other words, the module does not die instantly as many conventional light sources do, it slowly dims down. Lighting planners take this effect into account when they dimension the lighting installation. As they want the light level to reach a minimum lux value at the end of the lifetime, they over-dimension the luminaire installation, often by using more luminaires. Therefore, the lux value in the beginning of the operating life of the lighting installation is higher than what it is at the end. The luminaire industry has standardised LED lifetime to L70 – minimum 50000 hours, which corresponds to an LLMF of 0,7 as long as the lifetime of the lighting installation is set to the same amount of hours.



The actual lifetime of a LED luminaire is important for cost savings

- For some of our products, the lumen degradation is better than the industry standard. After 50000 hours of life, not only 70% of the life remains, but 80% or even more. The LLMF is then raised to 0.8 or above and the lighting designer does not need to over-dimension the lighting installation as much. With this upgrade, up to 25% of the luminaires may be left out, depending on the ceiling type. That means lower installation costs and a lower energy bill. At the same time, the lux levels are always meeting the lighting norm requirements.
- New standards on LED lifetime
New international standards on how lifetime should be declared on LED luminaires have now been published. The standards are IEC 62717 LED-modules for general lighting – Performance requirements and IEC 62722-2-1 Particular requirements for LED luminaires.
- What do the standards say?
IEC 62722 states both test method and minimum required time for testing LED lifetimes. The minimum test time is 6000 hours where the luminous flux is recorded every 1000 hours. The test values are extrapolated using a method stated in IES TM21.

CORRELATED COLOR TEMPERATURE

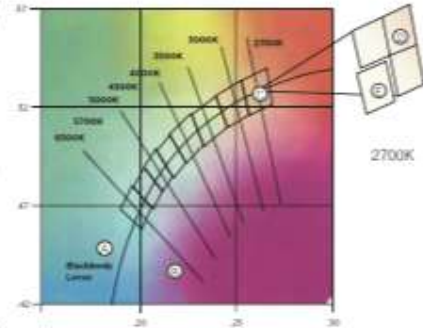


The color temperature of a light source is the temperature of an ideal black-body radiator that radiates light of comparable hue to that of the light source. Color temperature is a characteristic of visible light that has important applications in lighting, photography, videography, publishing, manufacturing, astrophysics, horticulture, and other fields. In practice, color temperature is only meaningful for light sources that do in fact correspond somewhat closely to the radiation of some black body, i.e., those on a line from reddish/orange via yellow and more or less white to blueish white wavelengths (resulting in a more blueish white) for higher temperatures; it does not make sense to speak of the color temperature of, e.g., a green or a purple light. Color temperature is conventionally expressed in Kelvin, using the symbol K, a unit of measure for temperature based on the Kelvin scale.

Color temperatures over 5,000K are called cool colors (bluish white), while lower color temperatures (2,700-3,000 K) are called warm colors (yellowish white through red). [1] This relation, however, is a psychological one in contrast to the physical relation implied by Wien's displacement law, according to which the spectral peak is shifted towards shorter.

CCT CONSISTENCY

the requirement for high color temperature consistency for the quality lighting faces difficulties in market. When you see different white among different LED lighting fixtures, you will know the problem. It is a headache for designers and consumers. For this purpose, more and more LED light source manufacturers are using standard procedures to solve this problem - all LEDs are sorted out, stored and processed in strict and scientific criterion to guarantee the LEDs in consistency in one batch.



When LEDs are manufactured, the most challenging part is producing consistent and precise white color. Binning is the process of sorting the white LEDs into groups of similar white colors. The regulation of this process is outlined by the ANSI standards for tolerances of white color variations to fit within a color temperature group, or bin. Some LED manufacturers have adapted a more strict process of sorting called micro-bin which allows for much smaller which color variation. Ketai applies LEDs that exceed the ANSI binning standards, giving our fittings optimal color matching.

Binning Explanation - When white LEDs are created, whether they be on the warm or cool end of the spectrum, there are always slight inconsistencies with regards to specific color temperatures.

- The arced black line in the graph at right represents the white color spectrum.
- These long intersecting lines represent the range, from one end of the line to the other, of variation in color for each corresponding color temperature.
- In order to keep the range of each temperature as close to the same color as possible, ANSI created tolerance zones only the LEDs that fall into this range are used for that particular color temperature, these are referred to as "bins".
- As you can see this bin still has plainly visible variations throughout. ANSI tolerance zones are adjacent to account for the challenges around manufacturing LED chips consistently.
- Once divided into smaller bins, the differences in color are much less, allowing for minimal variation when two or more LEDs are used together.

Although there is a cost associated with consistency, various LED chip manufacturers now make smaller bins available. micro-bin size varies between chip manufacturers and while micro-bins allow for better consistency by batch, there is commonly a color variation between batches.

ACCURATE LIGHT DISTRIBUTION AND CONTROL



Most of our product has different beam angles in range, like diamond series have three kinds of beam angles, 10° & 15° & 30°, meeting the different lighting requirements.

POWER DRIVER & CONTROL SYSTEM



COMPLIANT WITH HEALTH NORMS

TRIDONIC RIPPLE FREE LED DRIVERS (<3%) ENSURE THE LOWEST LEVEL OF LIGHT FLICKERING. IN LOW AND HIGHER OUTPUT LEVELS, THE FLICKERING IS REDUCED TO A LEVEL IMPERCEPTIBLE FOR THE HUMAN EYE. HOWEVER, SURVEYS HAVE PROVEN A RELATION BETWEEN FLICKERING AND HEALTH PROBLEMS. THEREFORE, THE APPLICATION OF LIGHTING SYSTEMS WITH A LOWER FLICKER INDEX IS AN IMPORTANT FACTOR IN BOTH COMMERCIAL AND RESIDENTIAL AREAS.

VIDEO/PHOTO PROOF

TLIGHTING WITH A LOW FLICKERING INDEX IS ESSENTIAL IN AREAS WHERE PHOTO AND VIDEO CAMERAS ARE USED. FLICKERING LIGHT SOURCES HAVE A NEGATIVE EFFECT ON THE QUALITY OF PHOTOS AND VIDEO FOOTAGE.



LONGER LIFETIME

IN ADDITION TO NEGATIVE EFFECTS FOR HUMAN HEALTH, HIGH RIPPLE CURRENT WILL HAM THE LED, THE LED DRIVER AND THE EFFICIENCY OF THE SYSTEM IN GENERAL.

SURGE PROTECTION

THE TRIDONIC DRIVERS ARE PROTECTED AGAINST SURGES UP TO 4KV. THIS IS WELL ABOVE THE NORM OF 1KV. MANY LED BULBS ARE PROTECTED UP TO 500V. THE SURGE PROTECTION LEVEL OF THE TCL DRIVERS RESULTS IN AN EXTREMELY LOW DEFECT RATE OF AROUND 0.1%.

HIGHER LIGHT OUTPUT

A LED DRIVER WITH A LOWER RIPPLE FACTOR IS 5% MORE EFFICIENT IN TERMS OF LIGHT OUTPUT.



RIPPLE FREE

TRIDONIC LED DRIVERS ARE PROVIDED WITH A SOPHISTICATED MULTISTAGE CIRCUIT TO SUPPLY THE LEDS WITH A PERFECT CURRENT (A LINE). LOW QUALITY DRIVERS WITH A POOR RIPPLE FACTOR MAY CAUSE PROBLEMS INCLUDING HEADACHE, EYE STRAIN, IMPAIRED VISUAL PERFORMANCE OR, IN EXTREME CASES, EPILEPTIC SEIZURE.

SAFETY AND SECURITY

EXCESSIVE HEAT / SHORT CIRCUIT PROTECTION
PROTECTION AGAINST VOLTAGE SPIKES IN THE
ELECTRICITY NET OVERLOAD PROTECTION



PHILIPS

TRIDONIC
enlightening your ideas

OSRAM

HEP power for light™



FEATURES & BENEFITS

- > SURGE PROTECTED UP TO 4KV
- > VARIOUS DIMMING OPTIONS (1-10V, PUSH, DALI)
- > MULTIPLE OUTPUT CURRENT OPTIONS THROUGH DIP SWITCH SETTINGS
- > HEAT GENERATION AT FULL LOAD STAYS WELL BELOW THE ALLOWED MAX. 70° C (TC)
- > UPCOMING VERSIONS WITH BLUETOOTH LOW ENERGY COMPATIBILITY
- > ENEC/EMC COMPLIANT
- > STRAIN RELIEF IN ACCORDANCE WITH EUROPEAN SAFETY STANDARDS
- > ACTIVE POWER FACTOR (PF) CORRECTION
- > HIGHEST QUALITY A - BRAND ELECTRONIC COMPONENTS



ONE
SOLUTION
FOR
MANY
**BEAM ANGLE
CHALLENGES**

cETL US ENEC CE RoHS



lume**plus**

Changeful Modeling On Two Slim Cubes
Spot Light And Wall Washer



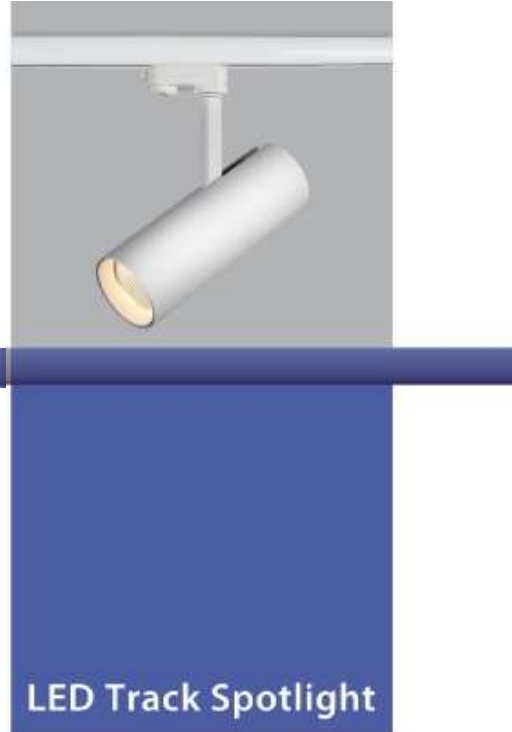
Framing Structure + Logo Projection



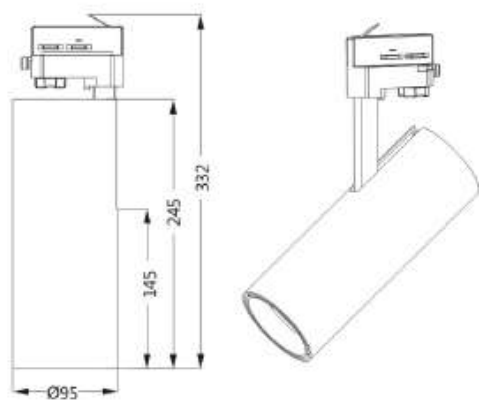
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Adjustable Track spot Various Application
LED Heads 90° with 355° rotation
Die-cast Aluminum body includes passive cooling
Glare control Faceted Reflector maximum efficiency
Zhaga Lighting technology CRI 85/95 / 18.5 UGR
Life Hours 50000 Customized LED Chip and Driver upon request
Finish Powder coat White /Black /Grey



LED Track Spotlight

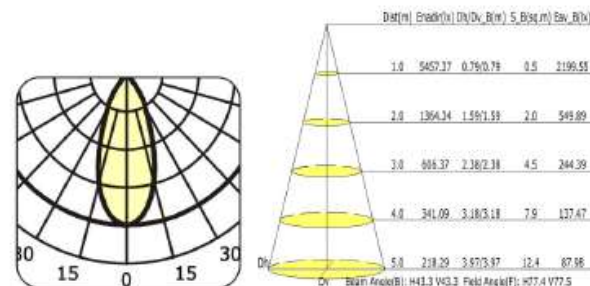
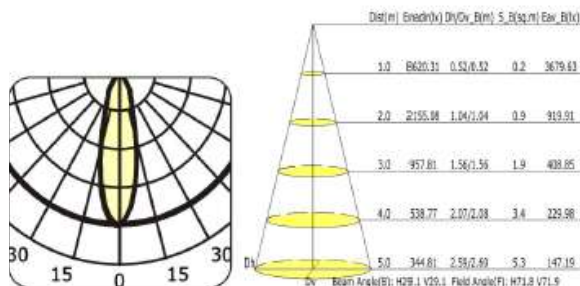


Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPT36/40	220-240VAc	COB	40W	3000K 4000K 5000K	>85/>95	3600 Lm	12° 24° 36° 60°

LED



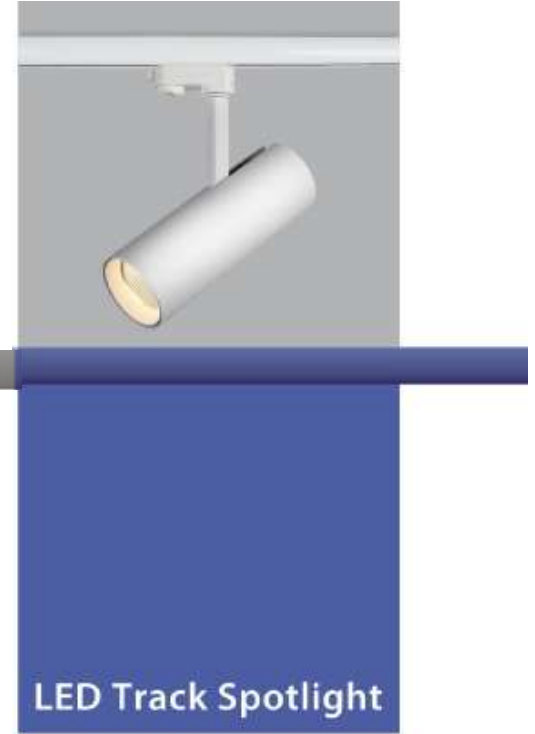
Driver



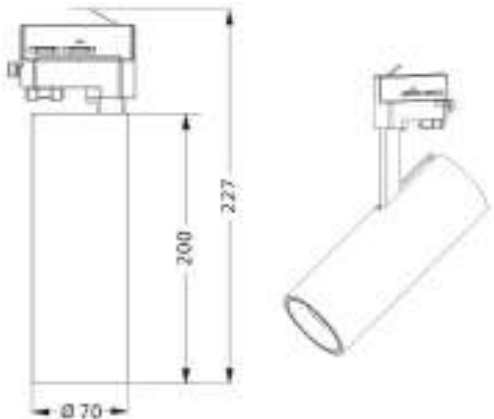
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LED Track Spotlight

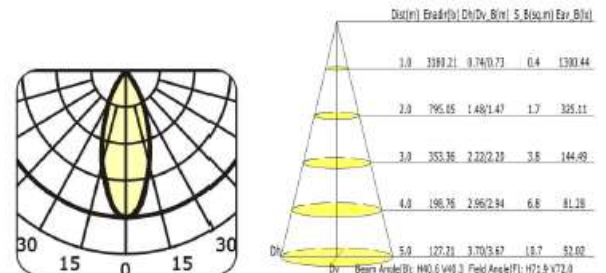
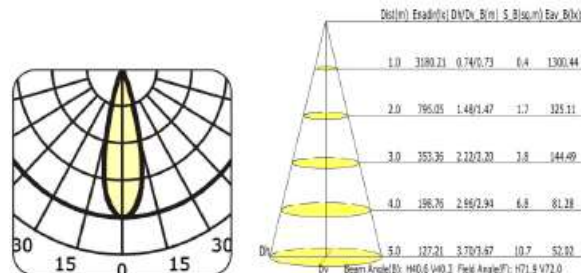


Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPT36/20	220-240VAc	COB	20W	3000K 4000K 5000K	>85/>95	1800 Lm	12° 24° 36° 60°

LED



Driver





Adjustable Track spot for Various Application
 Perfectly suitable to replace 35 & 70 Watt CDMT
 LED Heads 90° with 355° rotation
 Die-cast Aluminum body includes passive cooling
 Glare control Faceted Reflector with maximum
 luminous efficiency with SAA Lighting technology
 CRI 80/90 with 18.5 UGR
 Life Hours 50000 Triac Dimmable
 Finish Powder coat Black+ white, Black ,Silver

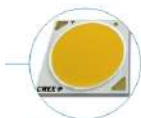
LED Track Spotlight



4-Pin(3-Circuit) Track adaptor
 GLOBAL, EURO, NORLUX, NUCO,
 STAFF, NORDIC 3-Pin HALO.



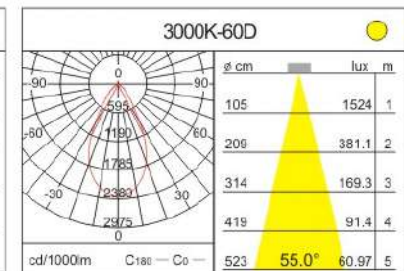
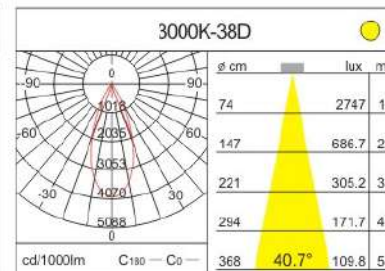
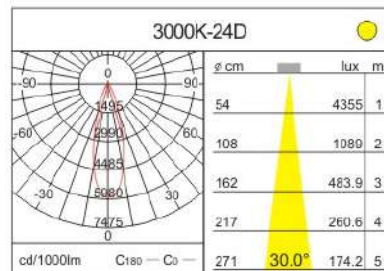
Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPTLD015-01	220-240VAc	CREE COB	15W	3000K	>80/>90	1350 Lm	24°
LPTLD025-01			25W	4000K		2325 Lm	38°
LPTLD036-01			36W	5000K		3348 Lm	60°

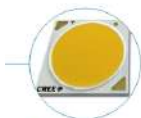
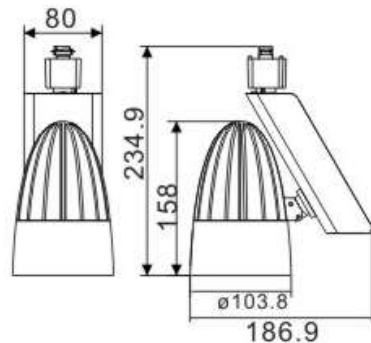


CREE COB LED guarantees:
 • High CRI: 90+, 80+;

Driver

PHILIPS OSRAM TRIDONIC HEP

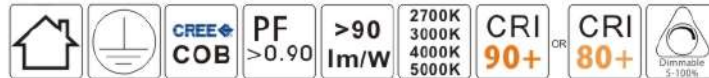




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Driver

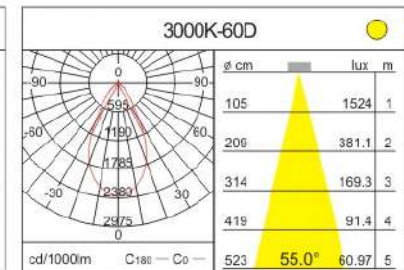
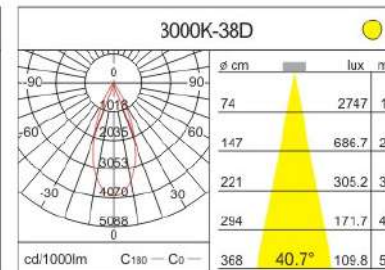
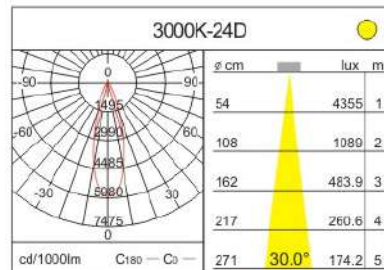
PHILIPS OSRAM TRIDONIC HEP



Adjustable Track spot for Various Application
Perfectly suitable to replace 35 & 70 Watt CDMT
LED Heads 90° with 355° rotation
Die-cast Aluminum body includes passive cooling
Glare control Faceted Reflector with maximum
luminous efficiency with SAA Lighting technology
CRI 80/90 with 18.5 UGR
Life Hours 50000 Triac Dimmable
Finish Powder coat Black+ white, Black ,Silver

LED Track Spotlight

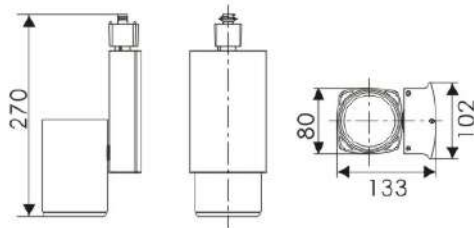
Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPTLA025-02	220-240VAc	CREE COB	25W	3000K	>80/>90	2330 Lm	24°
LPTLA030-02			30W	4000K		2800 Lm	38°
LPTLA035-02			35W	5000K		3220 Lm	60°



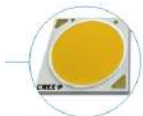


Adjustable Track spot for Various Application
 Perfectly suitable to replace 35 & 70 Watt CDMT
 LED Heads 90° with 355° rotation
 Die-cast Aluminum body includes passive cooling
 Glare control Faceted Reflector with maximum
 luminous efficiency SAA DALI Dimmable COB LED
 CRI 80/90 with 18.5 UGR
 Life Hours 50000
 Finish Powder coat Black+ white, Black ,Silver

LED Track Spotlight



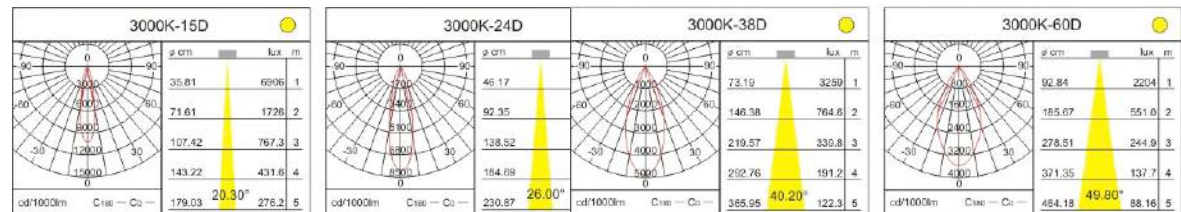
Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPTLB020-01	220-240VAc		20W			1860 Lm	15°
LPTLB030-01		CREE COB	30W	3000K 4000K 5000K	>80/>90	2800 Lm	24° 38° 60°

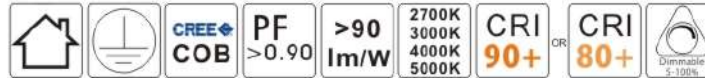


CREE COB LED guarantees:
 • High CRI: 90+, 80+;

Driver

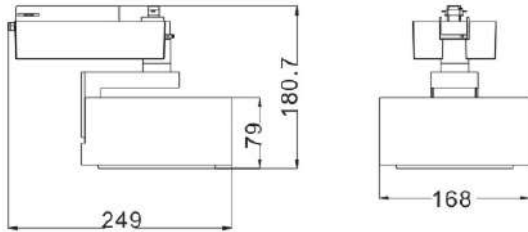
PHILIPS OSRAM TRIDONIC HEP



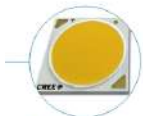


Adjustable Track spot for Various Application
 Perfectly suitable to replace 35 & 70 Watt CDMT
 LED Heads 90° with 355° rotation
 Die-cast Aluminum body includes passive cooling
 Glare control Faceted Reflector with maximum
 luminous efficiency SAA COB LED
 CRI 80/90 with 18.5 UGR
 Life Hours 50000
 Finish Powder coat Black+ white, Black ,Silver

LED Track Spotlight



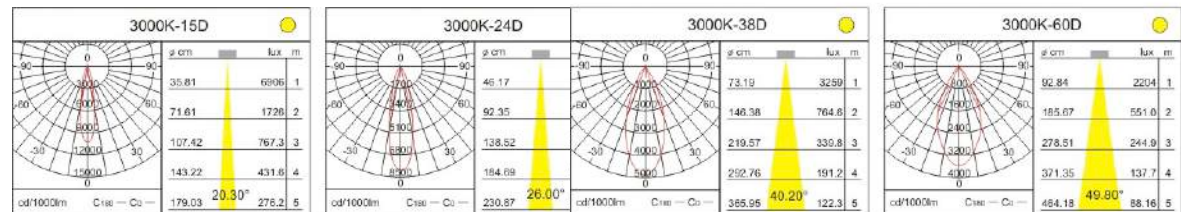
Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPTLJ050-01	220-240VAc	CREE COB	50W	3000K 4000K 5000K	>80/>90	4600 Lm	15° 24° 38° 60°

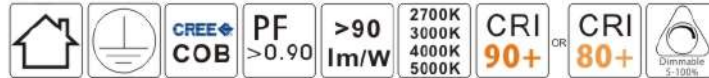


CREE COB LED guarantees:
 • High CRI: 90+, 80+;

Driver

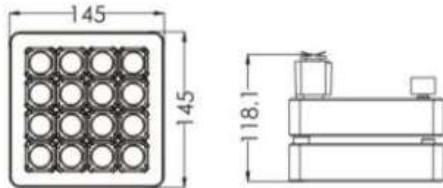
PHILIPS OSRAM TRIDONIC HEP





Adjustable Beam Angle spot for Various Application
 Wall Washer 40x20° & 60x10°
 LED Heads 90° with 355° rotation
 Die-cast Aluminum body includes passive cooling
 Glare control Reflector with maximum luminous
 efficiency Dimmable Triac, DALI, 1-10V
 CRI 80/90 with 18.5 UGR
 Life Hours 50000
 Finish Powder coat Black+ white, Black ,Silver

LED Track Spotlight

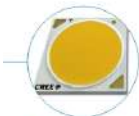
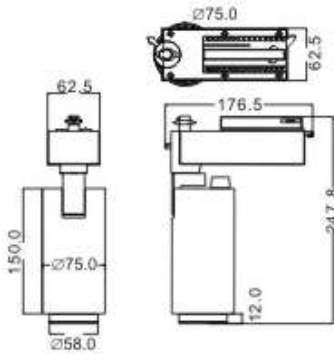


Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPTLK030-01	220-240VAc	OSRAM COB	30W	3000K	>80/>90	3450 Lm	15°
LPTLK030-01			40W	4000K			20°
LPTLK040-01				5000K			30°
LPTLK040-01							45°
						3800 Lm	60°
							40x20°
							60x10°



Driver

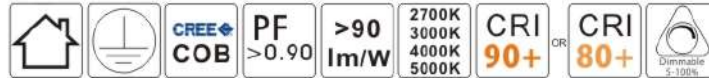
PHILIPS OSRAM TRIDONIC HEP



CREE COB LED guarantees:
• High CRI: 90+, 80+

Driver

PHILIPS OSRAM TRIDONIC HEP



Adjustable Beam Angle spot for Various Application
 Beam Angle Adjustable 15-90°/15-70° LED
 LED Heads 90° with 355° rotation
 Die-cast Aluminum body includes passive cooling
 Glare control Reflector with maximum luminous efficiency SAA COB LED
 CRI 80/90 with 18.5 UGR
 Life Hours 50000
 Finish Powder coat Black+ white, Black ,Silver

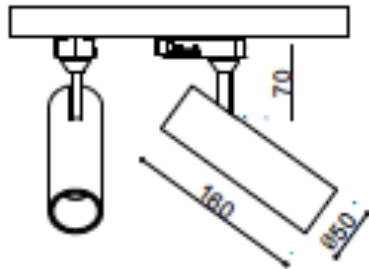


LED Track Spotlight

Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPTLJ030-01	220-240VAc	CREE COB	30W	3000K 4000K 5000K	>80/>90	2400 Lm	Optics 15° To 90°

Beam angle adjustable: 15°-90°

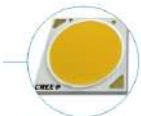




Adjustable Slim Housing spot for Various application
 slim housing and integration of housing as heatsink
 LED Heads 90° with 355° rotation
 Die-cast Aluminum body includes passive cooling
 hidden light source makes comfortable lighting
 for small space efficiency CREE CXA-1304 COB LED
 CRI 80/90 with 18.5 UGR
 Life Hours 50000
 Finish Powder coat Black+ white, Black ,Silver

LED Track Spotlight

Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPTSU0506-C	220-240VAc	CREE COB	6W	3000K	>80/>90	439 Lm	15°
LPTSU0509-C			9W	4000K		686 Lm	23°
LPTSU05015-C			15W	5000K		1182 Lm	38°



CREE COB LED guarantees:
 • High CRI: 90+, 80+;

Driver

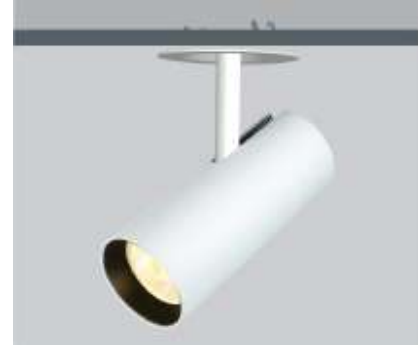
PHILIPS OSRAM TRIDONIC HEP



Optional Colors for Trim & Baffle

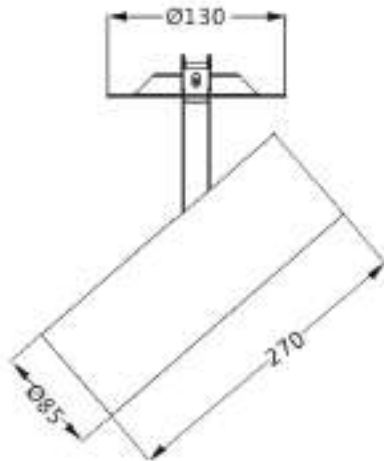


lumeplus



Adjustable Recessed Mount spot for Various Application
 LED Heads 90° with 355° rotation
 Die-cast Aluminum body includes passive cooling
 Glare control Faceted Reflector with maximum luminous efficiency with Zhaga Lighting technology
 CRI 85/95 with 18.5 UGR
 Life Hours 50000
 Customized LED Chip and Driver upon request
 Finish Powder coat White /Black /Grey

LED Track Spotlight



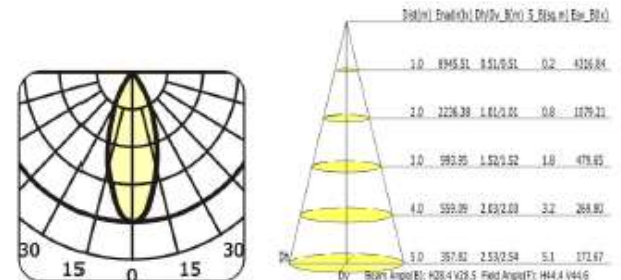
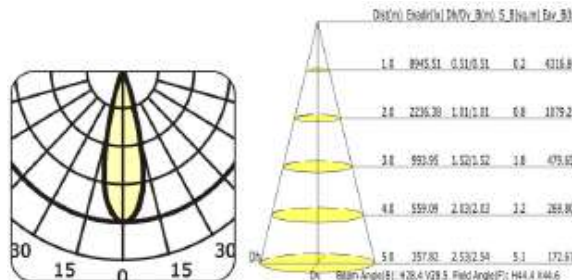
Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPT36/20	220-240VAc	COB	20W	3000K 4000K 5000K	>85/>95	1800 Lm	12° 24° 36° 60°

LED

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Driver

PHILIPS OSRAM TRIDONIC HEP

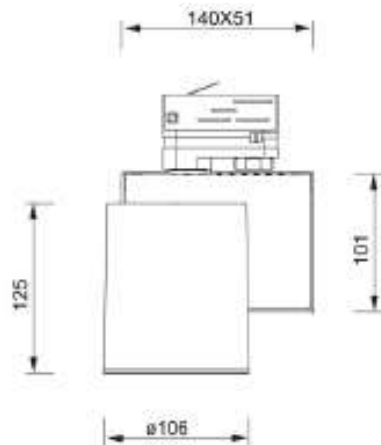


lumeplus

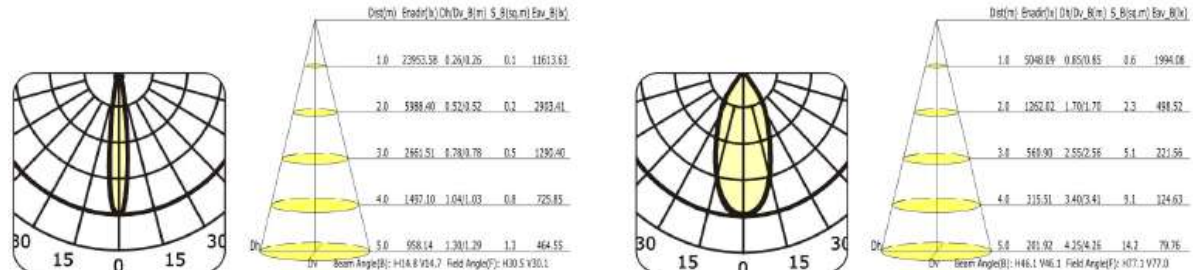


Adjustable Track Mount spot for Various Application
 LED Heads 90° with 355° rotation
 Die-cast Aluminum body includes passive cooling
 Glare control Faceted Reflector with maximum luminous efficiency with Zhaga Lighting technology
 CRI 85/95 with 18.5 UGR
 Life Hours 50000
 Customized LED Chip and Driver upon request
 Finish Powder coat White /Black /Grey

LED Track Spotlight



Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPT324/30			30W			2700 Lm	12°
LPT324/35	220-240VAc	COB	35W	3000K 4000K 5000K	>85/>95	3150 Lm	24°
LPT324/40			40W			3600 Lm	36° 60°



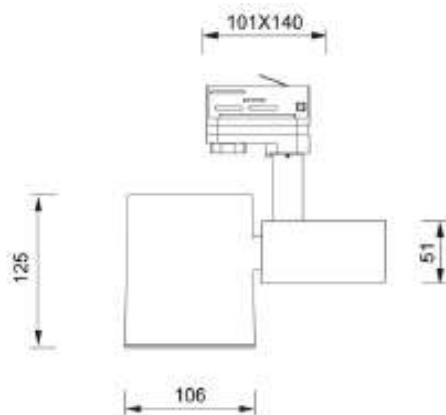
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Adjustable Track Mount spot for Various Application
 LED Heads 90° with 355° rotation
 Die-cast Aluminum body includes passive cooling
 Glare control Faceted Reflector with maximum luminous efficiency with Zhaga Lighting technology
 CRI 85/95 with 18.5 UGR
 Life Hours 50000
 Customized LED Chip and Driver upon request
 Finish Powder coat White /Black /Grey



LED Track Spotlight



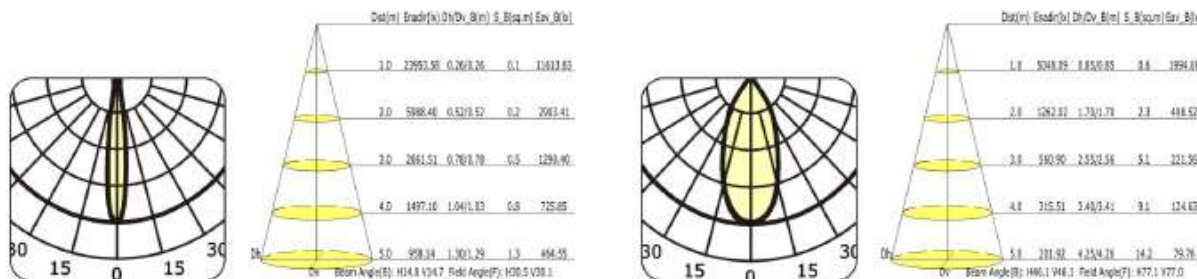
Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPT315/30	220-240VAc	COB	30W	3000K	>85/>95	2700 Lm	12°
LPT315/35			35W	4000K		3150 Lm	24°
LPT315/40			40W	5000K		3600 Lm	36°
							60°

LED

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Driver

PHILIPS OSRAM TRIDONIC HEP





Adjustable Track Mount spot for Various Application
LED Heads 90° with 355° rotation
Die-cast Aluminum body includes passive cooling
Glare control Faceted Reflector with maximum luminous efficiency with Zhaga Lighting technology
CRI 85/95 with 18.5 UGR
Life Hours 50000
Customized LED Chip and Driver upon request
Finish Powder coat White /Black /Grey



LED Track Spotlight



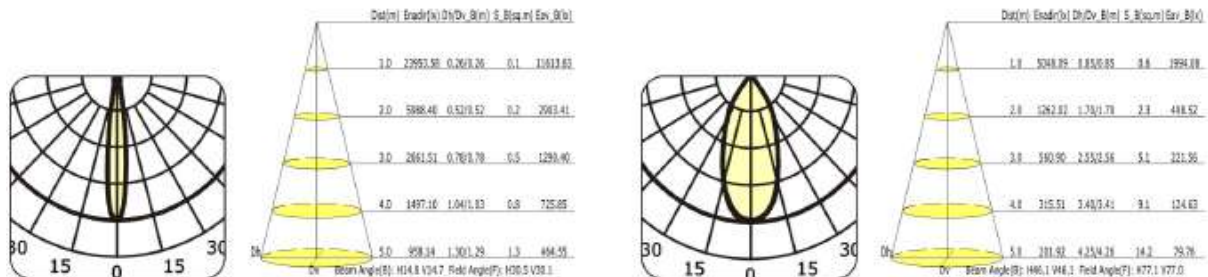
Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPT329/30			30W			2700 Lm	12°
LPT329/35	220-240VAc	COB	35W	3000K 4000K 5000K	>85/>95	3150 Lm	24°
LPT329/40			40W			3600 Lm	36° 60°

LED

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Driver

PHILIPS OSRAM TRIDONIC HEP



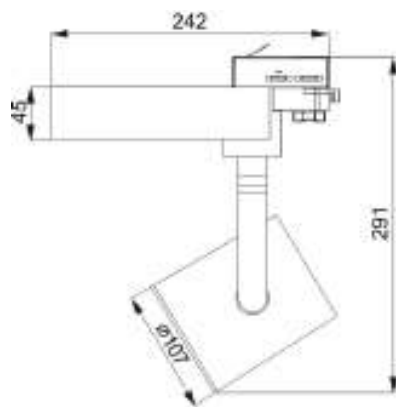
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Adjustable Track Mount spot for Various Application
 LED Heads 90° with 355° rotation
 Die-cast Aluminum body includes passive cooling
 Glare control Faceted Reflector with maximum luminous efficiency with Zhaga Lighting technology
 CRI 85/95 with 18.5 UGR
 Life Hours 50000
 Customized LED Chip and Driver upon request
 Finish Powder coat White /Black /Grey



LED Track Spotlight



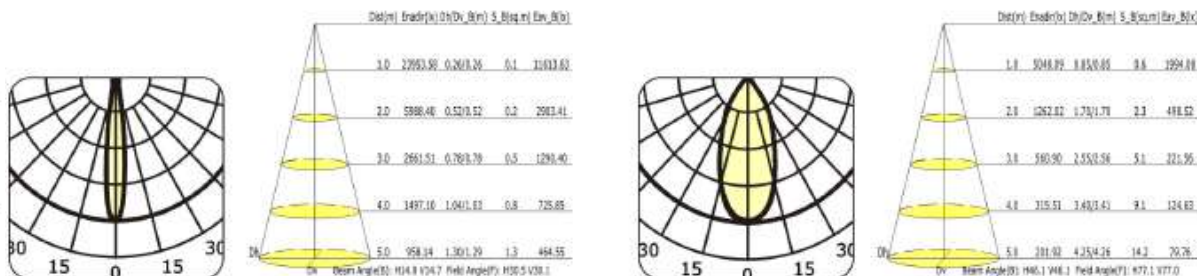
Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPT326/30			30W			2700 Lm	12°
LPT326/35	220-240VAc	COB	35W	3000K 4000K 5000K	>85/>95	3150 Lm	24°
LPT326/40			40W			3600 Lm	36° 60°

LED

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Driver

PHILIPS OSRAM TRIDONIC HEP

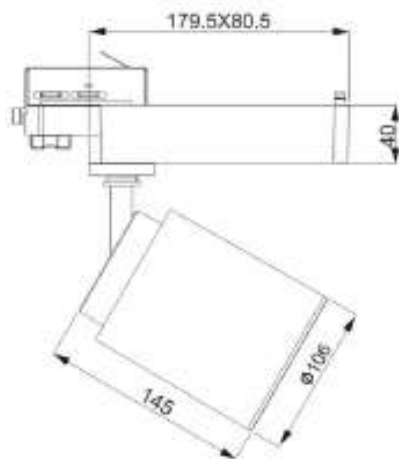


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Adjustable Track Mount spot for Various Application
 LED Heads 90° with 355° rotation
 Die-cast Aluminum body includes passive cooling
 Glare control Faceted Reflector with maximum luminous efficiency with Zhaga Lighting technology
 CRI 85/95 with 18.5 UGR
 Life Hours 50000
 Customized LED Chip and Driver upon request
 Finish White /Black /Grey Stove Enamel

LED Track Spotlight

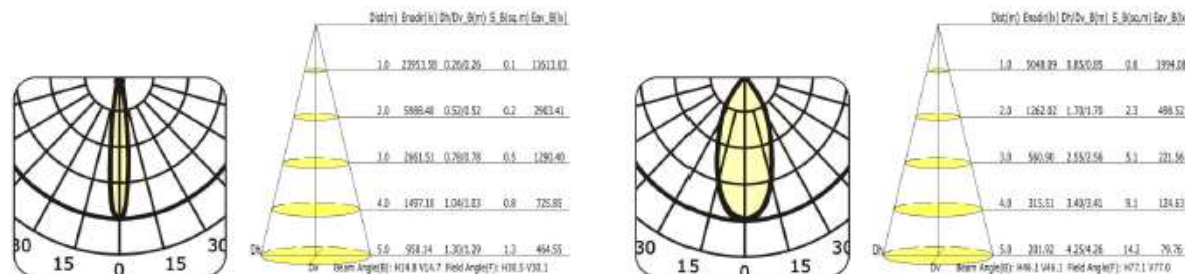


Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPT509/30			30W			2700 Lm	12°
LPT509/35	220-240VAc	COB	35W	3000K 4000K 5000K	>85/>95	3150 Lm	24°
LPT509/40			40W			3600 Lm	36° 60°

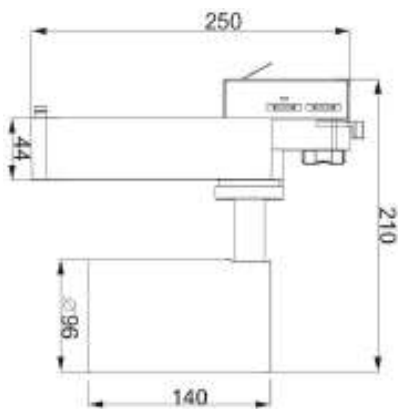
LED



Driver



lumeplus



Adjustable Track Mount spot for Various Application
 LED Heads 90° with 355° rotation
 Die-cast Aluminum body includes passive cooling
 Glare control Faceted Reflector with maximum luminous efficiency with Zhaga Lighting technology
 CRI 85/95 with 18.5 UGR
 Life Hours 50000
 Customized LED Chip and Driver upon request
 Finish White /Black /Grey Stove Enamel



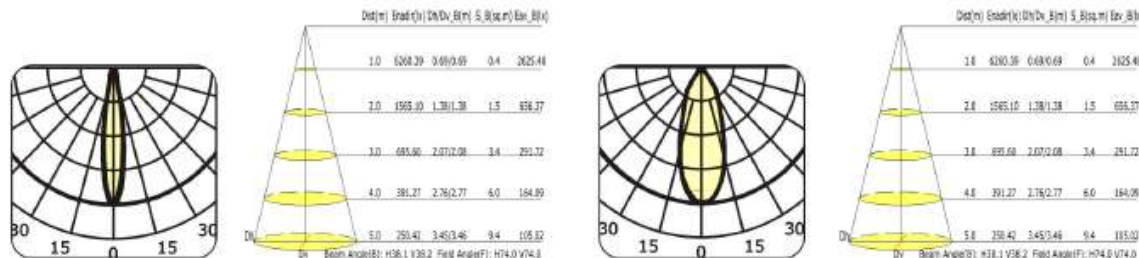
LED Track Spotlight

Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPT528/30			30W			2700 Lm	12°
LPT528/35	220-240VAc	COB	35W	3000K 4000K 5000K	>85/>95	3150 Lm	24°
LPT528/40			40W			3600 Lm	36° 60°

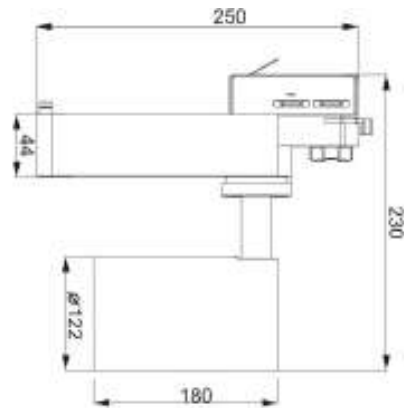
LED



Driver



lumeplus

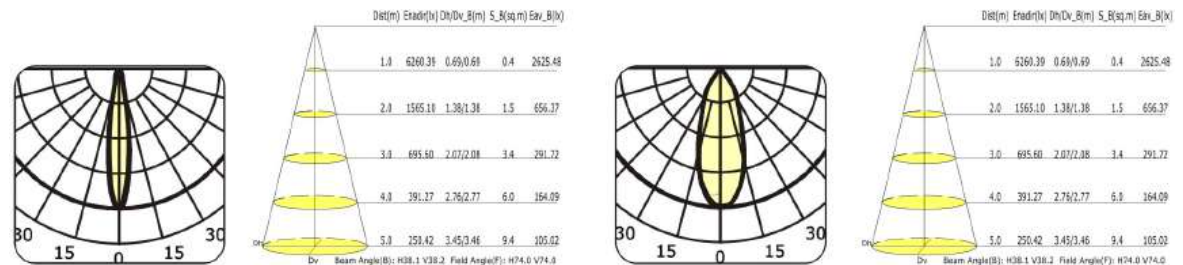


Adjustable Track Mount spot for Various Application
LED Heads 90° with 355° rotation
Die-cast Aluminum body includes passive cooling
Glare control Faceted Reflector with maximum luminous efficiency with Zhaga Lighting technology
CRI 85/95 with 18.5 UGR
Life Hours 50000
Customized LED Chip and Driver upon request
Finish White /Black /Grey Stove Enamel



LED Track Spotlight

Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPT528/60	220-240VAc	COB	60W	3000K 4000K 5000K	>85/>95	5400 Lm	12° 24° 36° 60°



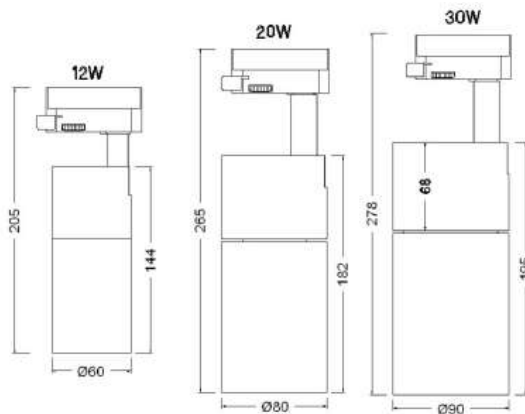
lumeplus



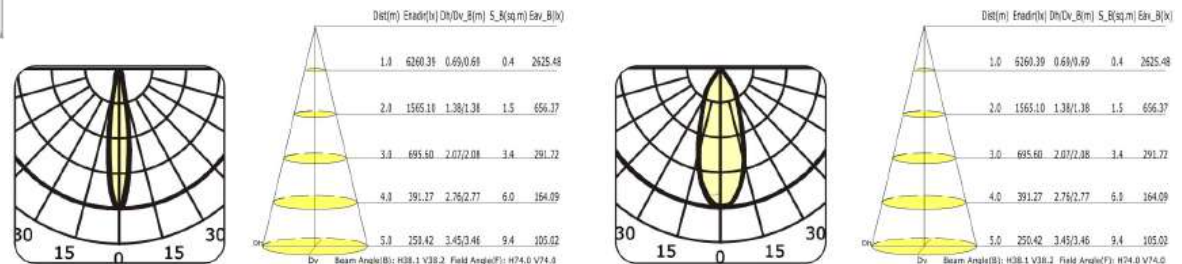
Adjustable Track Mount spot for Various Application
 LED Heads 90° with 355° rotation
 Die-cast Aluminum body includes passive cooling
 Glare control Faceted Reflector with maximum luminous efficiency with Zhaga Lighting technology
 CRI 85/95 with 18.5 UGR
 Life Hours 50000
 Customized LED Chip and Driver upon request
 Finish White /Black /Grey Stove Enamel



LED Track Spotlight



Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPT526/12	220-240VAc	COB	12W	3000K 4000K 5000K	>85/>95	1080 Lm	12°
LPT526/20			20W			1800 Lm	24°
LPT526/30			30W			2700 Lm	36°



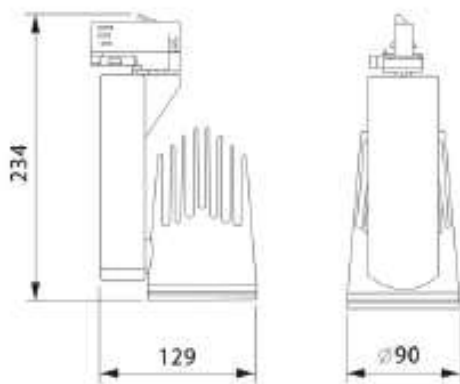
lumeplus



Adjustable Track Mount spot for Various Application
LED Heads 90° with 355° rotation
Die-cast Aluminum body includes passive cooling
Glare control Faceted Reflector with maximum luminous efficiency with Zhaga Lighting technology
CRI 85/95 with 18.5 UGR
Life Hours 50000
Customized LED Chip and Driver upon request
Finish White /Black /Grey Stove Enamel



LED Track Spotlight



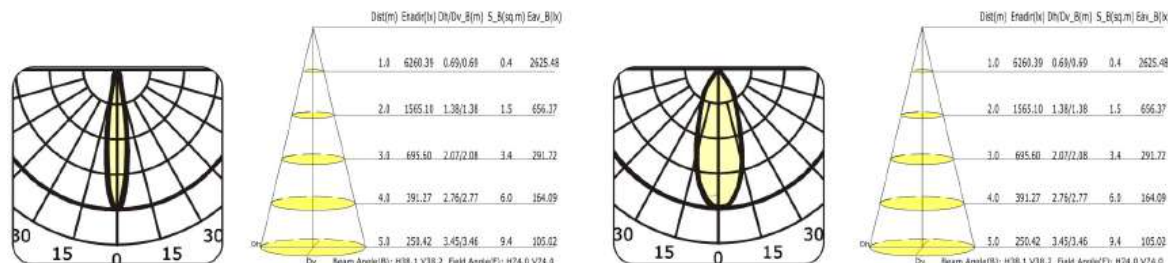
Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPT240/30	220-240VAc	COB	30W	3000K 4000K 5000K	>85/>95	2700 Lm	18° 24° 36°
LPT240/40			40W			3600 Lm	

LED

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Driver

PHILIPS OSRAM TRIDONIC HEP

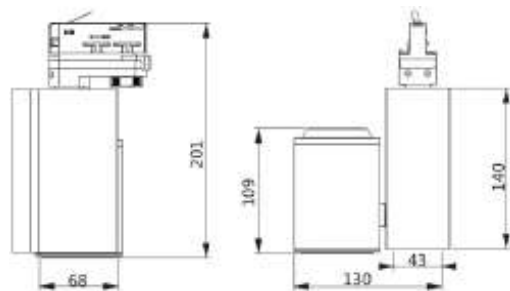




Adjustable Track Mount spot for Various Application
LED Heads 90° with 355° rotation
Die-cast Aluminum body includes passive cooling
Glare control Faceted Reflector with maximum luminous efficiency with Zhaga Lighting technology
CRI 85/95 with 18.5 UGR
Life Hours 50000
Customized LED Chip and Driver upon request
Finish White /Black /Grey Stove Enamel



LED Track Spotlight

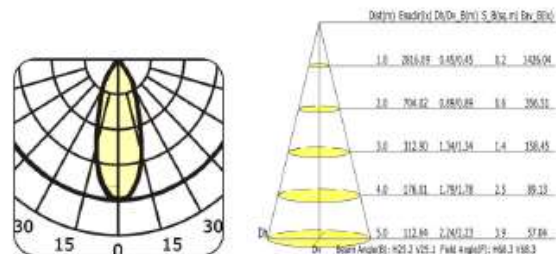
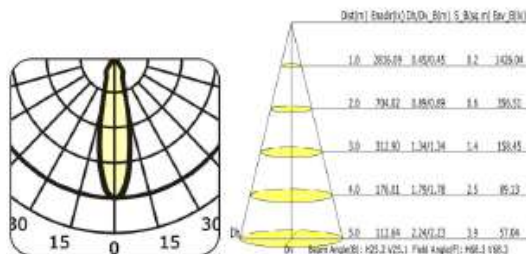


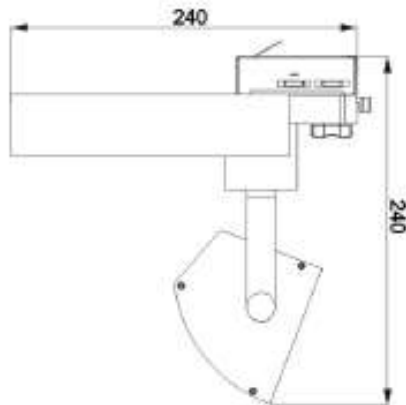
Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPT012/10	220-240VAc	COB	10W	3000K	>85/>95	900 Lm	15°
LPT012/15			15W	4000K 5000K		1350 Lm	24° 36°

LED



Driver





Adjustable Track Mount spot for Various Application
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 CRI 85/95 with 18.5 UGR
 Life Hours 50000
 Customized LED Chip and Driver upon request
 Finish White /Black /Grey Stove Enamel

LED Track Spotlight

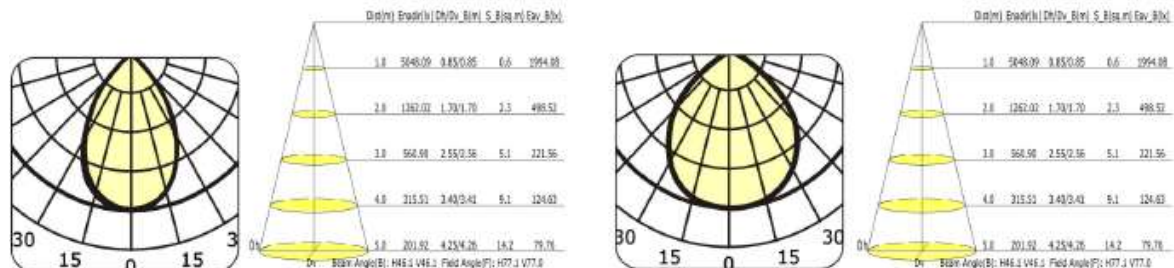
Model	Input Power 220-240VAc	LED Source	Power 10W 30W	Kelvin 3000K 4000K 5000K	CRI	Lumens	Optics
LPT238/30		COB			>85/>95	2700 Lm	60° 80°

LED

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Driver

PHILIPS OSRAM TRIDONIC HER





Passion of light. **Professional light.**

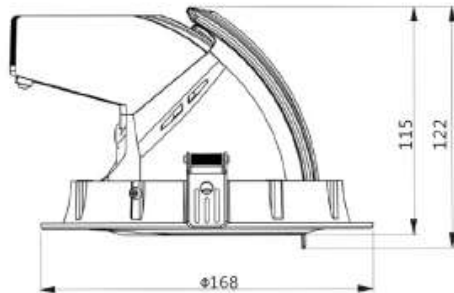


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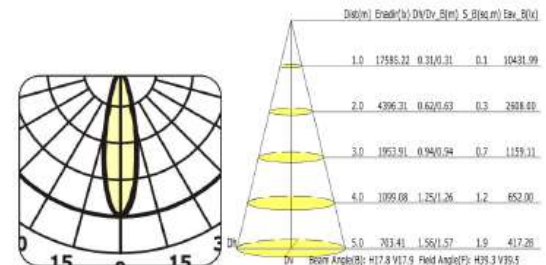
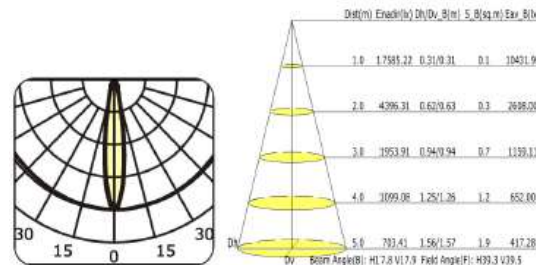


Recessed Spot & Downlight spot for Various Application
 Die-cast Aluminum body includes passive cooling
 Glare control Faceted Reflector with maximum luminous efficiency with Zhaga Lighting technology
 CRI ≥ 80 with less than 22. UGR
 Life Hours 30000
 Customized LED Chip and Driver upon request
 Finish White Stove Enamel

LED Downlight



Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPD533/20	220-240VAc	COB	20W	3000K 4000K 5000K	>82/>90	1800 Lm	18°
LPD533/30			30W			2700 Lm	24°
LPD533/40			40W			3600 Lm	36°



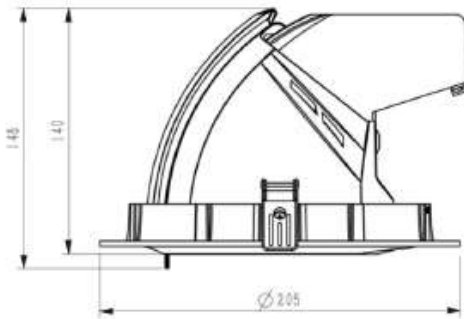
lumeplus



Recessed Spot & Downlight spot for Various Application
 Die-cast Aluminum body includes passive cooling
 Glare control Faceted Reflector with maximum luminous efficiency with Zhaga Lighting technology
 CRI ≥ 80 with less than 22. UGR
 Life Hours 30000
 Customized LED Chip and Driver upon request
 Finish White Stove Enamel

LED Downlight

Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPD633/30	220-240VAc	COB	30W	3000K 4000K 5000K	$>82 / >90$	2700 Lm	18°
LPD633/40			40W			3600 Lm	24°
LPD633/50			50W			4500 Lm	36°

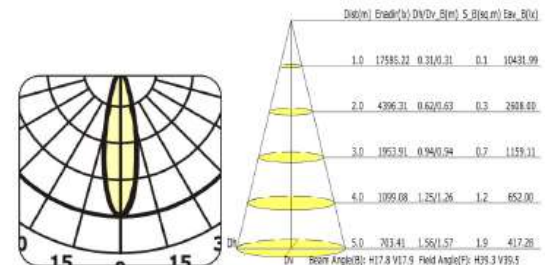
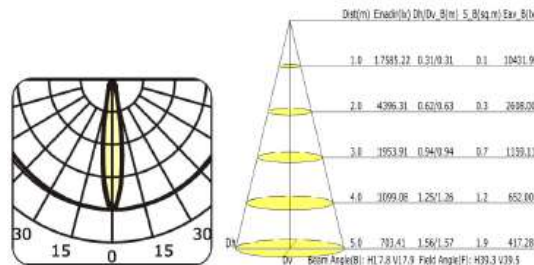


LED

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Driver

PHILIPS OSRAM TRIDONIC HER

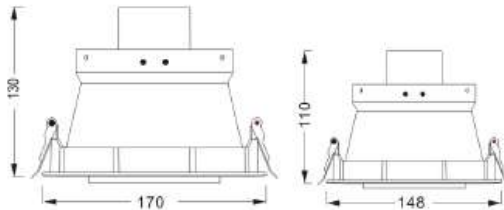


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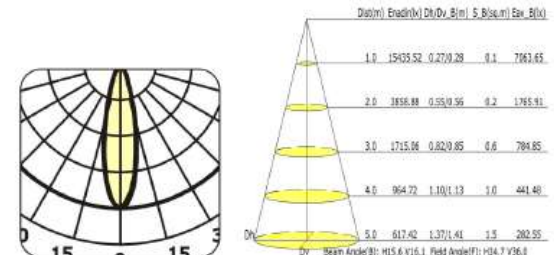
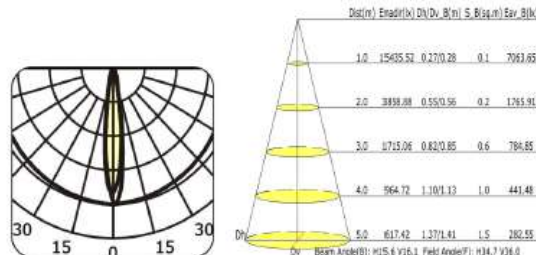


Recessed Spot & Downlight spot for Various Application
 Die-cast Aluminum body includes passive cooling
 Glare control Faceted Reflector with maximum luminous efficiency with Zhaga Lighting technology
 CRI ≥ 80 with less than 22. UGR
 Life Hours 30000
 Customized LED Chip and Driver upon request
 Finish White Stove Enamel

LED Downlight



Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPD637/30	220-240VAc	COB	30W	3000K 4000K 5000K	>82/>90	2700 Lm	12°
LPD637/35			35W			3150 Lm	24°
LPD637/40			40W			3600 Lm	38°



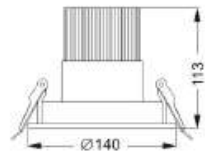
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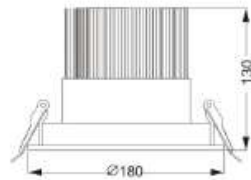
Recessed Spot & Downlight spot for Various Application
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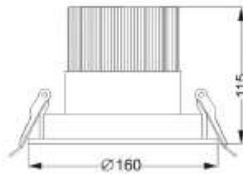
LED Downlight



VLD454/15W



VLD654/30W



VLD554/20W

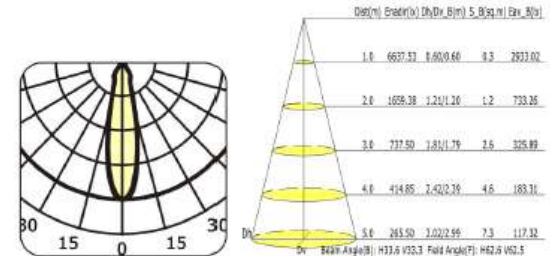
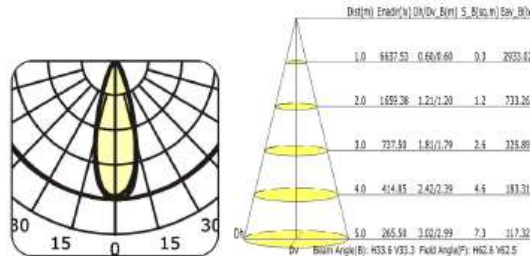
Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPD654/15			15W			1350 Lm	12°
LPD654/20	220-240VAc	COB	20W	3000K 4000K 5000K	$>82/>90$	1800 Lm	24°
LPD654/30			30W			2700 Lm	38°

LED

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Driver

PHILIPS OSRAM TRIDONIC HEP

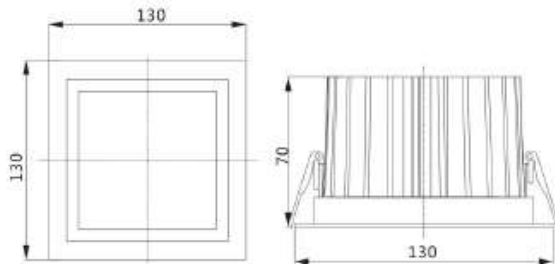


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Recessed Spot & Downlight spot for Various Application
 Die-cast Aluminum body includes passive cooling
 Glare control Faceted Reflector with maximum luminous efficiency with Zhaga Lighting technology
 CRI ≥ 80 with less than 22. UGR
 Life Hours 30000
 Customized LED Chip and Driver upon request
 Finish White Stove Enamel

LED Downlight

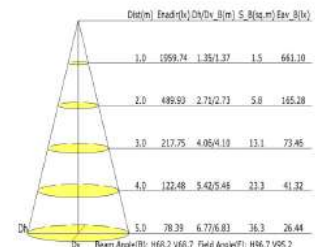
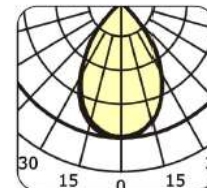


Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPD427/15	220-240VAc	COB	15W	3000K	>82/>90	1200 Lm	12°
LPD427/20			20W	4000K		1500 Lm	24°
				5000K			38°

LED



Driver



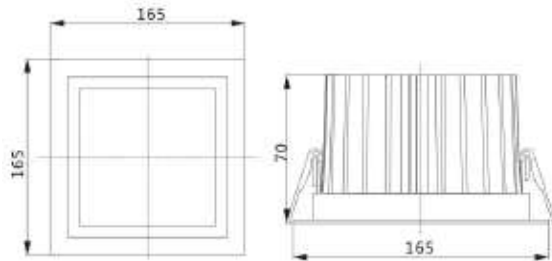
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Recessed Spot & Downlight spot for Various Application
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 Glare control Faceted Reflector with maximum luminous efficiency with Zhaga Lighting technology
 CRI ≥ 80 with less than 22. UGR
 Life Hours 30000
 Customized LED Chip and Driver upon request
 Finish White Stove Enamel



LED Downlight



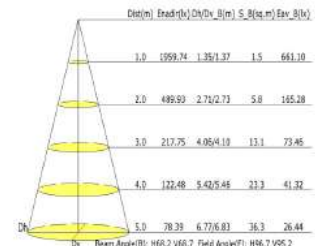
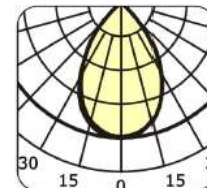
Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPD627/25	220-240VAc	COB	25W	3000K 4000K 5000K	>82/>90	1900 Lm	
LPD627/30			30W			2300 Lm	60°

LED

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Driver

PHILIPS OSRAM TRIDONIC HEP



MOONSHADOW SERIES

With the soft lines, superior light efficiency, and random joint system, Moonshadow series look like the hanging moon in the sky full of stars when people enjoy the night scene.

Moonshadow is designed for the commercial chain lighting, from diameter 88mm of cabinet lighting fixtures to diameter 275mm lobby lighting fixtures. Either as the uniform light effect of base illumination or the focus show of spot lighting, can Moonshadow series be available for all areas. The greatest feature of the Moonshadow can easily combined based on the different display of articles, and different styles to meet the illuminating requirements.

As the morbidezza of moon's change and the moving of moon light circulation, moonshadow series provide different outer dimensions, power and light distribution to meet the needs of different commercial lighting space.

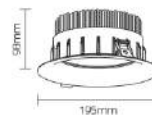
The random joint system of Moonshadow series enable the picturesque transform of moon shadow, and provide a flexible way of lighting applications. The combination of the same individual fixtures has a diversity of light distribution. It can adjust lighting fitting modular to fit the interior design, and always meet the needs of lighting applications.





Moonshadow SMD downlight for providing high-class general lighting and task lighting
Multiple round sizes for different applications
Excellent design of round edge frame
Optics: Reflector & Diffuser
Material: Aluminum Frame & Heatsink
Applications:
Offices and administration buildings, Schools and Libraries
Shopping centers and retail stores, Hotels and restaurants
Large architectural structures

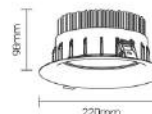
MODEL:11951 LED



- 25W / 30W / 40W
- 25W: 1822lm / 30W: 2319lm / 40W: 3331lm
- 25W: 37V 600mA / 30W: 47V 600mA / 40W: 40V 900mA
- Lumileds Luxeon 3535L SMD
- 2700K / 3000K / 4000K / 5700K
- Ra ≥80
- 90°
- Remote electronic power supply
- PHASE / 1-10V / DALI as options



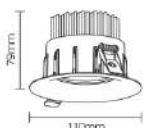
MODEL:12201 LED



- 25W / 30W / 40W
- 25W: 1822lm / 30W: 2319lm / 40W: 3331lm
- 25W: 37V 600mA / 30W: 47V 600mA / 40W: 40V 900mA
- Lumileds Luxeon 3535L SMD
- 2700K / 3000K / 4000K / 5700K
- Ra ≥80
- 90°
- Remote electronic power supply
- PHASE / 1-10V / DALI as options



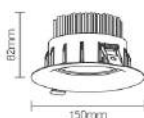
MODEL:11101 LED



- 6W / 9W / 13W
- 6W: 437lm / 9W: 639lm / 13W: 892lm
- 6W: 17V 300mA / 9W: 27V 300mA / 13W: 37V 300mA
- Lumileds Luxeon 3535L SMD
- 2700K / 3000K / 4000K / 5700K
- Ra ≥80
- 90°
- Remote electronic power supply
- PHASE / 1-10V / DALI as options



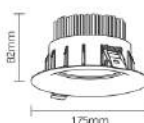
MODEL:11501 LED



- 11W / 15W / 23W
- 11W: 814lm / 15W: 1228lm / 23W: 1778lm
- 11W: 34V 300mA / 15W: 23.8V 600mA / 23W: 37V 600mA
- Lumileds Luxeon 3535L SMD
- 2700K / 3000K / 4000K / 5700K
- Ra ≥80
- 90°
- Remote electronic power supply
- PHASE / 1-10V / DALI as options



MODEL:11751 LED



- 11W / 15W / 23W
- 11W: 814lm / 15W: 1228lm / 23W: 1778lm
- 11W: 34V 300mA / 15W: 23.8V 600mA / 23W: 37V 600mA
- Lumileds Luxeon 3535L SMD
- 2700K / 3000K / 4000K / 5700K
- Ra ≥80
- 90°
- Remote electronic power supply
- PHASE / 1-10V / DALI as options

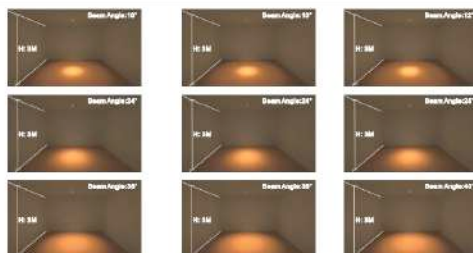
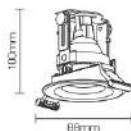




Moonshadow traditional downlight for providing task lighting and accent lighting
Two shapes: Round & Square
Excellent glare control to ensure visual comfort
Length adjustable bracket to fit all kinds of lamps with different height
Material: Aluminum Frame
Applications:
Hotels, Bars, Restaurants, Residential buildings

MODEL:1881

⚡ Max. 50W	⚡ Max. 50W	⚡ 20W / 35W
☞ QR-CBC51 GU5.3	☞ QPAR16 GU10	☞ CMH-MR16 GX10
⚡ AC12V	⚡ AC220~240V	⚡ AC220~240V
☞ 10° / 24° / 38°	☞ 10° / 24° / 38°	☞ 12° / 25° / 40°



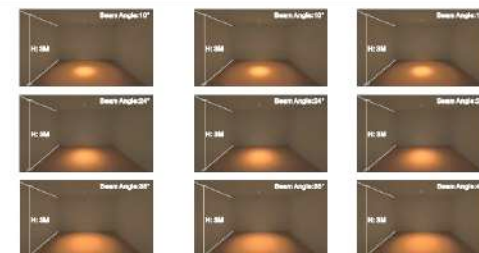
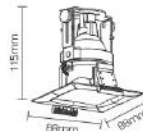
⚡ Max. 50W	⚡ Max. 50W	⚡ 20W / 35W
☞ QR-CBC51 GU5.3	☞ QPAR16 GU10	☞ CMH-MR16 GX10
⚡ AC12V	⚡ AC220~240V	⚡ AC220~240V
☞ 10° / 24° / 38°	☞ 10° / 24° / 38°	☞ 12° / 25° / 40°



Moonshadow traditional downlight for providing task lighting and accent lighting
Two shapes: Round & Square
Excellent glare control to ensure visual comfort
Length adjustable bracket to fit all kinds of lamps with different height
Material: Aluminum Frame
Applications:
Hotels, Bars, Restaurants, Residential buildings

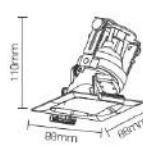
MODEL:1883

⚡ Max. 50W	⚡ Max. 50W	⚡ 20W / 35W
☞ QR-CBC51 GU5.3	☞ QPAR16 GU10	☞ CMH-MR16 GX10
⚡ AC12V	⚡ AC220~240V	⚡ AC220~240V
☞ 10° / 24° / 38°	☞ 10° / 24° / 38°	☞ 12° / 25° / 40°



MODEL:1884

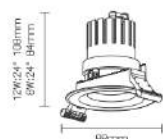
⚡ Max. 50W	⚡ Max. 50W	⚡ 20W / 35W
☞ QR-CBC51 GU5.3	☞ QPAR16 GU10	☞ CMH-MR16 GX10
⚡ AC12V	⚡ AC220~240V	⚡ AC220~240V
☞ 10° / 24° / 38°	☞ 10° / 24° / 38°	☞ 12° / 25° / 40°





Moonshadow LED downlight for providing task lighting and accent lighting
Two shapes: Round & Square
Excellent glare control to ensure visual comfort
Length adjustable bracket to fit all kinds of bulbs with different height
Material: Aluminum Frame & Heatsink
Applications:
Hotels, Bars, Restaurants, Residential buildings

MODEL:1881 LED



- ⚡ 8W / 12W
- 💡 8W: 560lm / 12W: 760lm
- 🔌 8W: 37V 200mA / 12W: 37V 300mA
- ☀️ Citizen / Cree / Bridgelux COB
- 🌈 2700K / 3000K / 4000K / 5000K
- 📏 Ra ≥80 / ≥90
- 🌞 24°
- 🔌 Remote electronic power supply
- 📶 PHASE / 1-10V / DALI as options

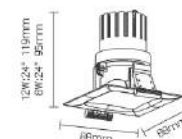


- ⚡ 8W / 12W
- 💡 8W: 560lm / 12W: 760lm
- 🔌 8W: 37V 200mA / 12W: 37V 300mA
- ☀️ Citizen / Cree / Bridgelux COB
- 🌈 2700K / 3000K / 4000K / 5000K
- 📏 Ra ≥80 / ≥90
- 🌞 24°
- 🔌 Remote electronic power supply
- 📶 PHASE / 1-10V / DALI as options



Moonshadow LED downlight for providing task lighting and accent lighting
Two shapes: Round & Square
Excellent glare control to ensure visual comfort
Length adjustable bracket to fit all kinds of bulbs with different height
Material: Aluminum Frame & Heatsink
Applications:
Hotels, Bars, Restaurants, Residential buildings

MODEL:1883 LED



- ⚡ 8W / 12W
- 💡 8W: 560lm / 12W: 760lm
- 🔌 8W: 37V 200mA / 12W: 37V 300mA
- ☀️ Citizen / Cree / Bridgelux COB
- 🌈 2700K / 3000K / 4000K / 5000K
- 📏 Ra ≥80 / ≥90
- 🌞 24°
- 🔌 Remote electronic power supply
- 📶 PHASE / 1-10V / DALI as options



- ⚡ 8W / 12W
- 💡 8W: 550lm / 12W: 760lm
- 🔌 8W: 37V 200mA / 12W: 37V 300mA
- ☀️ Citizen / Cree / Bridgelux COB
- 🌈 2700K / 3000K / 4000K / 5000K
- 📏 Ra ≥80 / ≥90
- 🌞 24°
- 🔌 Remote electronic power supply
- 📶 PHASE / 1-10V / DALI as options





Moonshadow SMD downlight for providing high-class general lighting and task lighting
Multiple square sizes & trimmed/slim trimmed for different applications
Excellent glare control(UGR<19)
Optics: Reflector & Diffuser
Material: Aluminum Frame & Heatsink
Applications:
Offices and administration buildings, Schools and Libraries
Shopping centers and retail stores, Hotels and restaurants
Large architectural structures



Moonshadow SMD downlight for providing high-class general lighting and task lighting
Multiple square sizes & trimmed/slim trimmed for different applications
Excellent glare control(UGR<19)
Optics: Reflector & Diffuser
Material: Aluminum Frame & Heatsink
Applications:
Offices and administration buildings, Schools and Libraries
Shopping centers and retail stores, Hotels and restaurants
Large architectural structures

MODEL:11103 LED



- ⚡ 6W / 9W / 13W
- 💡 6W: 437lm / 9W: 639lm / 13W: 892lm
- 💡 6W: 17V 300mA / 9W: 27V 300mA / 13W: 37V 300mA
- 💡 Lumileds Luxeon 3535L SMD
- 🌈 2700K / 3000K / 4000K / 5700K
- 📏 Ra ≥80
- 📏 90°
- 🔌 Remote electronic power supply
- 🔄 PHASE / 1-10V / DALI as options



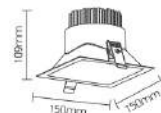
MODEL:W11103 LED



- ⚡ 6W / 9W / 13W
- 💡 6W: 437lm / 9W: 639lm / 13W: 892lm
- 💡 6W: 17V 300mA / 9W: 27V 300mA / 13W: 37V 300mA
- 💡 Lumileds Luxeon 3535L SMD
- 🌈 2700K / 3000K / 4000K / 5700K
- 📏 Ra ≥80
- 📏 90°
- 🔌 Remote electronic power supply
- 🔄 PHASE / 1-10V / DALI as options



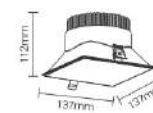
MODEL:11503 LED



- ⚡ 11W / 15W / 23W
- 💡 11W: 814lm / 15W: 1228lm / 23W: 1778lm
- 💡 11W: 34V 300mA / 15W: 23.8V 600mA / 23W: 37V 600mA
- 💡 Lumileds Luxeon 3535L SMD
- 🌈 2700K / 3000K / 4000K / 5700K
- 📏 Ra ≥80
- 📏 90°
- 🔌 Remote electronic power supply
- 🔄 PHASE / 1-10V / DALI as options



MODEL:W11503 LED



- ⚡ 11W / 15W / 23W
- 💡 11W: 814lm / 15W: 1228lm / 23W: 1778lm
- 💡 11W: 34V 300mA / 15W: 23.8V 600mA / 23W: 37V 600mA
- 💡 Lumileds Luxeon 3535L SMD
- 🌈 2700K / 3000K / 4000K / 5700K
- 📏 Ra ≥80
- 📏 90°
- 🔌 Remote electronic power supply
- 🔄 PHASE / 1-10V / DALI as options



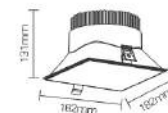
MODEL:11953 LED



- ⚡ 25W / 30W / 40W
- 💡 25W: 1822lm / 30W: 2319lm / 40W: 3331lm
- 💡 25W: 37V 600mA / 30W: 47V 600mA / 40W: 40V 900mA
- 💡 Lumileds Luxeon 3535L SMD
- 🌈 2700K / 3000K / 4000K / 5700K
- 📏 Ra ≥80
- 📏 90°
- 🔌 Remote electronic power supply
- 🔄 PHASE / 1-10V / DALI as options



MODEL:W11953 LED



- ⚡ 25W / 30W / 40W
- 💡 25W: 1822lm / 30W: 2319lm / 40W: 3331lm
- 💡 25W: 37V 600mA / 30W: 47V 600mA / 40W: 40V 900mA
- 💡 Lumileds Luxeon 3535L SMD
- 🌈 2700K / 3000K / 4000K / 5700K
- 📏 Ra ≥80
- 📏 90°
- 🔌 Remote electronic power supply
- 🔄 PHASE / 1-10V / DALI as options





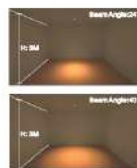
Moonshadow COB downlight for providing high performance general lighting and accent lighting
Multiple square sizes & trimmed/slim trimmed for different applications
Excellent glare control (UGR<19)
Optics: Reflector & lens
Material: Aluminum Frame & Heatsink
Applications:
Hotels and restaurants, Shopping centers and retail stores
Offices and administration buildings, Schools and Libraries
Large architectural structures



MODEL:11104 LED



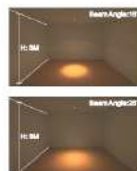
- 8W / 12W
- 8W: 690lm / 12W: 943lm
- 8W: 37V 200mA / 12W: 37V 300mA
- Citizen / Cree / Bridgelux COB
- 2700K / 3000K / 4000K / 5000K
- Ra ≥80 / ≥90
- 24° / 40°
- Remote electronic power supply
- PHASE / 1-10V / DALI as options



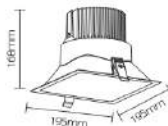
MODEL:11504 LED



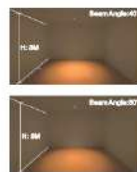
- 15W / 18W / 23W
- 15W: 1299lm / 18W: 1666lm / 23W: 2073lm
- 15W: 37V 350mA / 18W: 37V 450mA / 23W: 37V 600mA
- Citizen / Cree / Bridgelux COB
- 2700K / 3000K / 4000K / 5000K
- Ra ≥80 / ≥90
- 16° / 26° / 40° / 60°
- Remote electronic power supply
- PHASE / 1-10V / DALI as options



MODEL:11954 LED

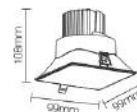


- 23W / 36W / 42W
- 23W: 2326lm / 36W: 3186lm / 42W: 3715lm
- 23W: 37V 600mA / 36W: 37V 900mA / 42W: 37V 1050mA
- Citizen / Cree / Bridgelux COB
- 2700K / 3000K / 4000K / 5000K
- Ra ≥80 / ≥90
- 16° / 26° / 40° / 60°
- Remote electronic power supply
- PHASE / 1-10V / DALI as options

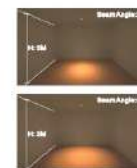


Moonshadow COB downlight for providing high performance general lighting and accent lighting
Multiple square sizes & trimmed/slim trimmed for different applications
Excellent glare control (UGR<19)
Optics: Reflector & lens
Material: Aluminum Frame & Heatsink
Applications:
Hotels and restaurants, Shopping centers and retail stores
Offices and administration buildings, Schools and Libraries
Large architectural structures

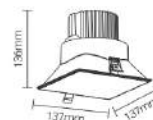
MODEL:W11104 LED



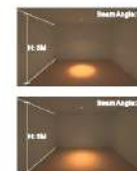
- 8W / 12W
- 8W: 690lm / 12W: 943lm
- 8W: 37V 200mA / 12W: 37V 300mA
- Citizen / Cree / Bridgelux COB
- 2700K / 3000K / 4000K / 5000K
- Ra ≥80 / ≥90
- 24° / 40°
- Remote electronic power supply
- PHASE / 1-10V / DALI as options



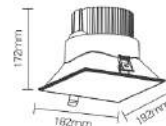
MODEL:W11504 LED



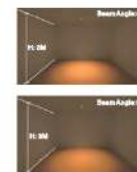
- 15W / 18W / 23W
- 15W: 1299lm / 18W: 1666lm / 23W: 2073lm
- 15W: 37V 350mA / 18W: 37V 450mA / 23W: 37V 600mA
- Citizen / Cree / Bridgelux COB
- 2700K / 3000K / 4000K / 5000K
- Ra ≥80 / ≥90
- 16° / 26° / 40° / 60°
- Remote electronic power supply
- PHASE / 1-10V / DALI as options



MODEL:W11954 LED



- 23W / 36W / 42W
- 23W: 2326lm / 36W: 3186lm / 42W: 3715lm
- 23W: 37V 600mA / 36W: 37V 900mA / 42W: 37V 1050mA
- Citizen / Cree / Bridgelux COB
- 2700K / 3000K / 4000K / 5000K
- Ra ≥80 / ≥90
- 16° / 26° / 40° / 60°
- Remote electronic power supply
- PHASE / 1-10V / DALI as options



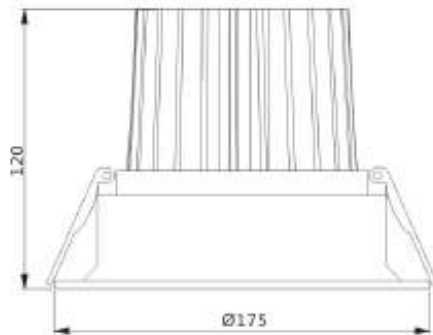
lumeplus



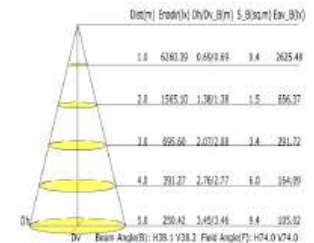
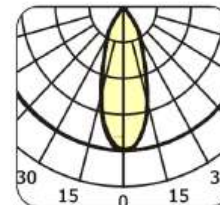
Recessed Spot & Downlight spot for Various Application
 Die-cast Aluminum body includes passive cooling
 Glare control Faceted Reflector with maximum luminous efficiency with Zhaga Lighting technology
 CRI ≥ 80 with less than 22. UGR
 Life Hours 30000
 Customized LED Chip and Driver upon request
 Finish White Stove Enamel



LED Downlight



Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPD655/25	220-240VAc		25W	3000K		1900 Lm	
LPD655/30		COB	30W	4000K 5000K	$>82/>90$	2250 Lm	38°



lumeplus



Recessed Spot & Downlight spot for Various Application
 Die-cast Aluminum body includes passive cooling
 Glare control Faceted Reflector with maximum luminous efficiency with Zhaga Lighting technology
 CRI ≥ 80 with less than 22. UGR
 Life Hours 30000
 Customized LED Chip and Driver upon request
 Finish White Stove Enamel



LED Downlight



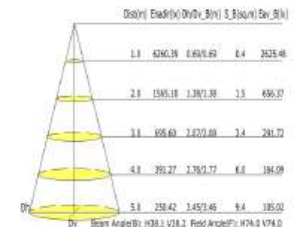
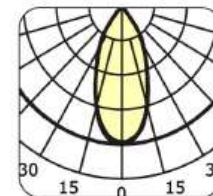
Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPD502/30	220-240VAc	COB	30W	3000K 4000K 5000K	>82/>90	2250 Lm	45°
LPD502/35			35W			2700 Lm	

LED

bridgelux. CREE PHILIPS CITIZEN

Driver

PHILIPS OSRAM TRIDONIC HER



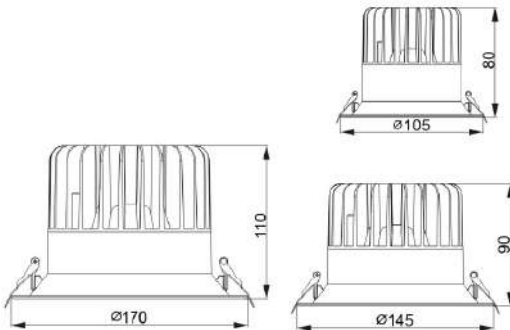
lumeplus



Recessed Spot & Downlight spot for Various Application
 Die-cast Aluminum body includes passive cooling
 Glare control Faceted Reflector with maximum luminous efficiency with Zhaga Lighting technology
 CRI ≥ 80 with less than 22. UGR
 Life Hours 30000
 Customized LED Chip and Driver upon request
 Finish White Stove Enamel

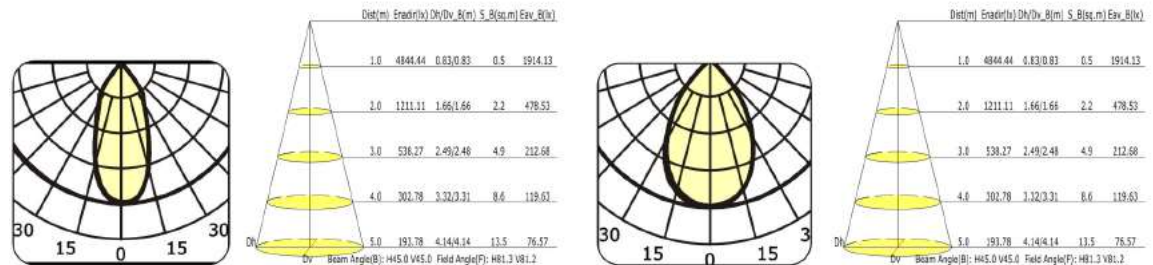


LED Downlight

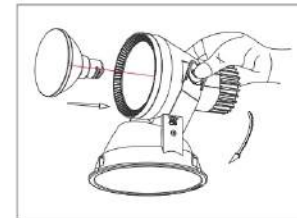
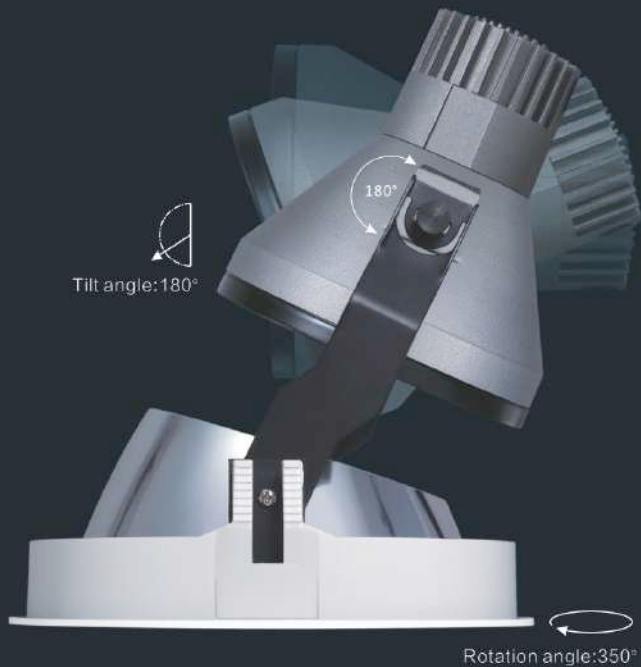


Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPD526/10	220-240VAc	COB	10W	3000K 4000K 5000K	>82/>90	900 Lm	45° 60°
LPD526/15			15W			1350 Lm	
LPD526/20			20W			1800 Lm	

LED _____
 bridgelux. CREE PHILIPS CITIZEN
 Driver _____
 PHILIPS OSRAM TRIDONIC HER



Optimal structural design facilitates the installation and maintenance



Only gently press by thumb and index finger, lamp body can be turned, so replace the light source is more convenient.



Dissipate heat design of the upper and lower convection increases the service life of the light source.

Notes: All sebring serie has two code types 1186X/1223X, W1100X/W1223X
W1100X/W1223X is the trimless version of 1186X/1223X

Trim	Trimless	
		Specular reflector Highest light output
		Spherical facets reflector Uniform light beams, anti-glare
		Frosted reflector Anti-glare
		Gold plated reflector



Moonshadow SMD downlight for high-class general lighting and task lighting

Two shapes: round & square

Multiple sizes for different applications

Excellent glare control

Optics: Reflector, Diffuser

Material: Aluminum

Frame colour: White

Heatsink colour: Black

Applications:

Schools and Libraries

Hotels and restaurants

Large architectural structures

Shopping centers and retail stores

Offices and administration buildings

⚡ 25W / 30W / 40W

☀ 25W: 1822lm / 30W: 2319lm / 40W: 3331lm

⚙ 25W: 37V 600mA / 30W: 47V 600mA / 40W: 40V 900mA

💡 Lumileds Luxeon 3535L SMD

🌈 2700K / 3000K / 4000K / 5700K

📐 Ra ≥80

🔧 90°

🔌 Remote electronic power supply

🔌 PHASE / 1-10V / DALI as options



Moonshadow COB downlight for high performance general lighting and accent lighting

Two shapes: round & square

Multiple sizes for different applications

Excellent glare control

Optics: Reflector

Material: Aluminum

Frame colour: White

Heatsink colour: White

Applications:

Schools and Libraries

Hotels and restaurants

Large architectural structures

Shopping centers and retail stores

Offices and administration buildings

⚡ 23W / 36W / 42W

☀ 23W: 2326lm / 36W: 3106lm / 42W: 3715lm

⚙ 23W: 37V 600mA / 36W: 37V 900mA
42W: 37V 1050mA

💡 Citizen / Cree / Bridgelux COB

🌈 2700K / 3000K / 4000K / 5000K

📐 Ra ≥80 / ≥90

🔧 16° / 26° / 40° / 60°

🔌 Remote electronic power supply

🔌 PHASE / 1-10V / DALI as options





Sebring COB downlight for ceilings below 20 Meters in height
Fixed/adjustable/trimmed/trimless performance available
Excellent glare control(UGR<16)
Optics: Reflector, reflector & lens
Material: Aluminum Frame & Heatsink
Applications:
Star-rated hotels, Classical club, Shopping centers
Large architectural structures

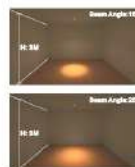


Sebring COB downlight for ceilings below 20 Meters in height
Fixed/adjustable/trimmed/trimless performance available
Excellent glare control(UGR<16)
Optics: Reflector, reflector & lens
Material: Aluminum Frame & Heatsink
Applications:
Star-rated hotels, Classical club, Shopping centers
Large architectural structures

MODEL:12231 LED



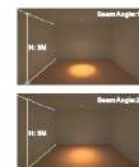
- 23W / 36W / 42W
- 23W: 2004lm / 36W: 2800lm / 42W: 3300lm
- 23W: 37V 600mA / 36W: 37V 900mA / 42W: 37V 1050mA
- Citizen / Cree / Bridgelux COB
- 2700K / 3000K / 4000K / 5000K
- Ra ≥80 / ≥90
- 16° / 26° / 40° / 60°
- Remote electronic power supply
- PHASE / 1-10V / DALI as options



MODEL:W12231 LED



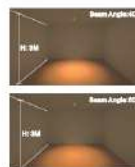
- 23W / 36W / 42W
- 23W: 2004lm / 36W: 2800lm / 42W: 3300lm
- 23W: 37V 600mA / 36W: 37V 900mA / 42W: 37V 1050mA
- Citizen / Cree / Bridgelux COB
- 2700K / 3000K / 4000K / 5000K
- Ra ≥80 / ≥90
- 16° / 26° / 40° / 60°
- Remote electronic power supply
- PHASE / 1-10V / DALI as options



MODEL:12232 LED



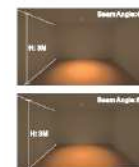
- 23W / 36W / 42W
- 23W: 2004lm / 36W: 2800lm / 42W: 3300lm
- 23W: 37V 600mA / 36W: 37V 900mA / 42W: 37V 1050mA
- Citizen / Cree / Bridgelux COB
- 2700K / 3000K / 4000K / 5000K
- Ra ≥80 / ≥90
- 16° / 26° / 40° / 60°
- Remote electronic power supply
- PHASE / 1-10V / DALI as options



MODEL:W12232 LED



- 23W / 36W / 42W
- 23W: 2004lm / 36W: 2800lm / 42W: 3300lm
- 23W: 37V 600mA / 36W: 37V 900mA / 42W: 37V 1050mA
- Citizen / Cree / Bridgelux COB
- 2700K / 3000K / 4000K / 5000K
- Ra ≥80 / ≥90
- 16° / 26° / 40° / 60°
- Remote electronic power supply
- PHASE / 1-10V / DALI as options



lumeplus

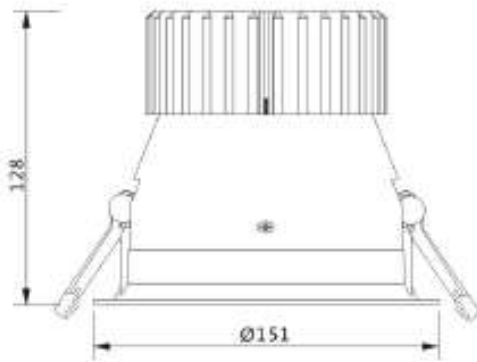


Recessed Spot & Downlight spot for Various Application
 Die-cast Aluminum body includes passive cooling
 Glare control Faceted Reflector with maximum luminous efficiency with Zhaga Lighting technology
 CRI ≥ 80 with less than 22. UGR
 Life Hours 30000
 Customized LED Chip and Driver upon request
 Finish White Stove Enamel



LED Downlight

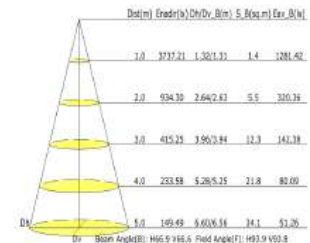
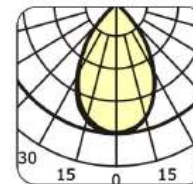
Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPD523/40	220-240VAc	COB	40W	3000K 4000K 5000K	$>82 / >90$	3600 Lm	
LPD523/50			50W			4500 Lm	60°



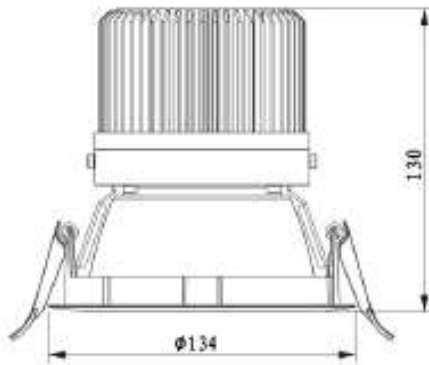
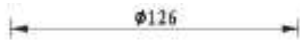
LED _____



Driver _____



lumeplus



Recessed Spot & Downlight spot for Various Application
 Die-cast Aluminum body includes passive cooling
 Glare control Faceted Reflector with maximum luminous efficiency with Zhaga Lighting technology
 CRI ≥ 80 with less than 22. UGR
 Life Hours 30000
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 Finish White Stove Enamel



LED Downlight

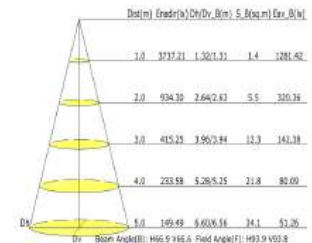
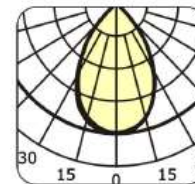
Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPD421/20	220-240VAc	COB	20W	3000K	>82/>90	1800 Lm	60°
LPD421/30			30W	4000K		2700 Lm	
				5000K			

LED

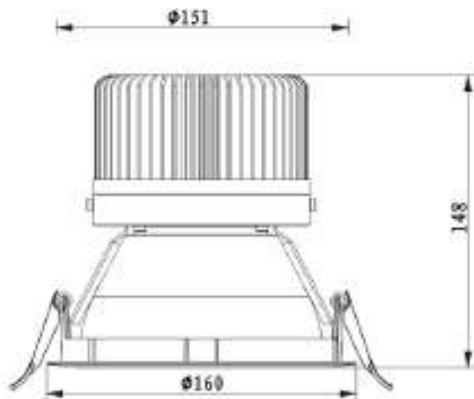
bridgelux. CREE PHILIPS CITIZEN

Driver

PHILIPS OSRAM TRIDONIC HER



lumeplus



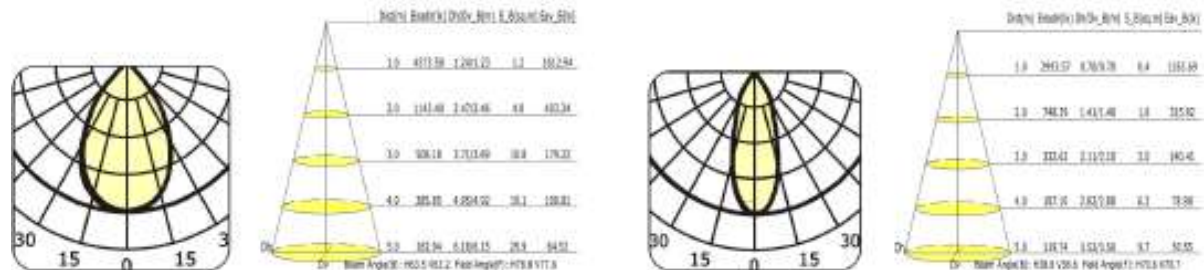
Recessed Spot & Downlight spot for Various Application
 Die-cast Aluminum body includes passive cooling
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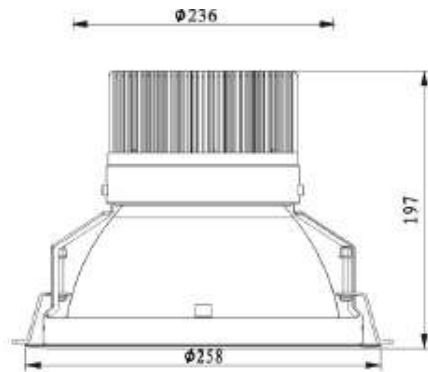
LED Downlight

Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPD521/30	220-240VAc	COB	30W	3000K	$>82/>90$	2700 Lm	36°
LPD521/40	220-240VAc	COB	40W	4000K		3600 Lm	60°

LED _____
 bridgelux. CREE PHILIPS CITIZEN
Driver _____
 PHILIPS OSRAM TRIDONIC HER



lumeplus

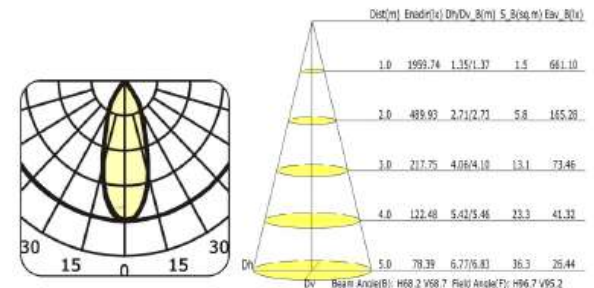
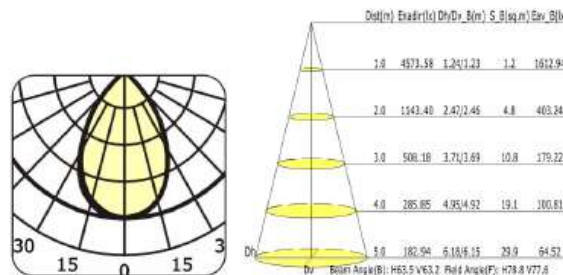


Recessed Spot & Downlight spot for Various Application
 Die-cast Aluminum body includes passive cooling
 Glare control Faceted Reflector with maximum luminous efficiency with Zhaga Lighting technology
 CRI ≥ 80 with less than 22. UGR
 Life Hours 30000
 Customized LED Chip and Driver upon request
 Finish White Stove Enamel

LED Downlight

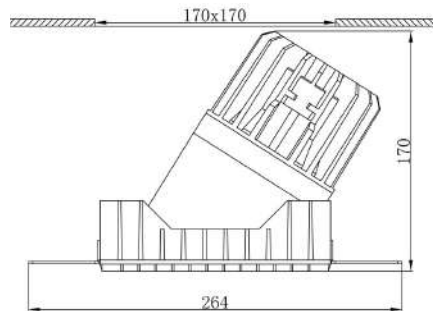
Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPD822/40			40W			3600 Lm	
LPD822/50	220-240VAc	COB	50W	3000K 4000K 5000K	$>82/>90$	4500 Lm	45° 60°
LPD822/60			60W			5400 Lm	

LED _____
 bridgelux. CREE PHILIPS CITIZEN
Driver _____
 PHILIPS OSRAM TRIDONIC HER



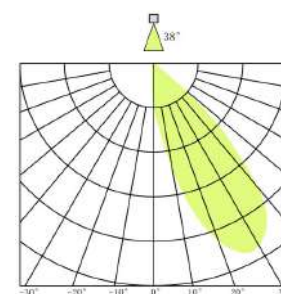
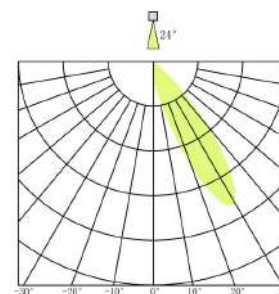
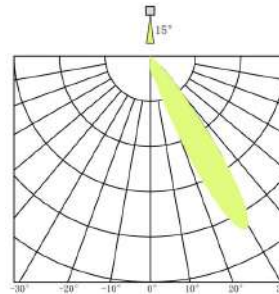


Trimless Recessed Downlight for Various Application
 Die-cast Aluminum body includes passive cooling
 Glare control Reflector with maximum luminous
 Deep Recess Lighting technology
 CRI ≥ 80 with less than 22. UGR
 Life Hours 50000
 Customized Driver upon request Dimmable Optional
 Finish Powder Coat White /black



Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPDA2310CS	220-240VAc	Luminus	38W	3000K 4000K 5000K	>80	4092 Lm	15° 24° 38°

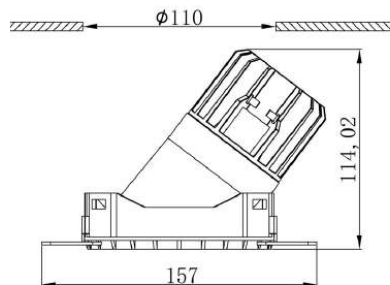
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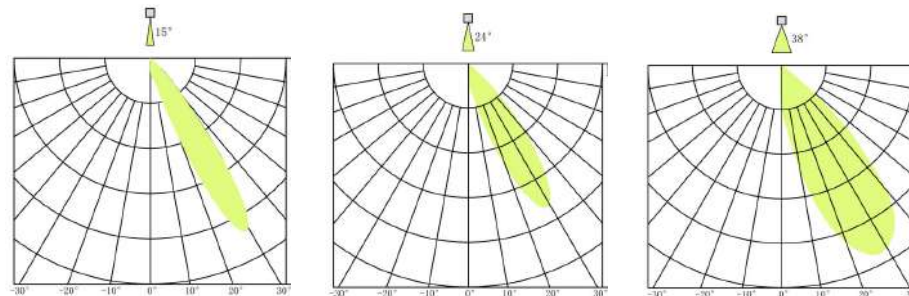


Trimless Recessed Downlight for Various Application
 Die-cast Aluminum body includes passive cooling
 Glare control Reflector with maximum luminous
 Deep Recess Lighting technology
 CRI ≥ 80 with less than 22. UGR
 Life Hours 50000
 Customized Driver upon request Dimmable Optional
 Finish Powder Coat White /black

Trimless LED Downlight



Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPDA2310CR	220-240VAc	Luminus	38W	3000K 4000K 5000K	>80	4092 Lm	15° 24° 38°



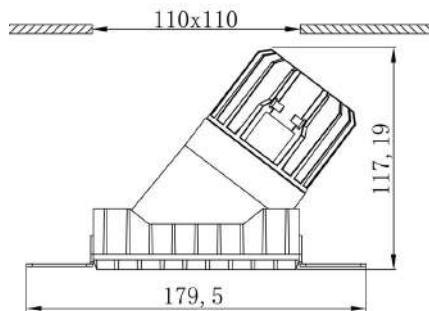
Driver _____

PHILIPS OSRAM TRIDONIC HEP



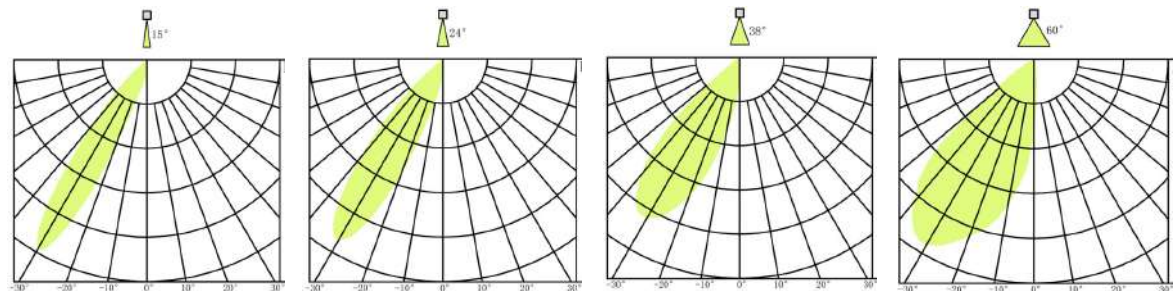
Trimless Recessed Downlight for Various Application
 Die-cast Aluminum body includes passive cooling
 Glare control Reflector with maximum luminous
 Deep Recess Lighting technology
 CRI ≥ 80 with less than 22. UGR
 Life Hours 50000
 Customized Driver upon request Dimmable Optional
 Finish Powder Coat White /black

Trimless LED Downlight



Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPDA2301CS	220-240VAc	Luminus	13W	3000K 4000K 5000K	>80	1362Lm	15° 24° 38° 60°

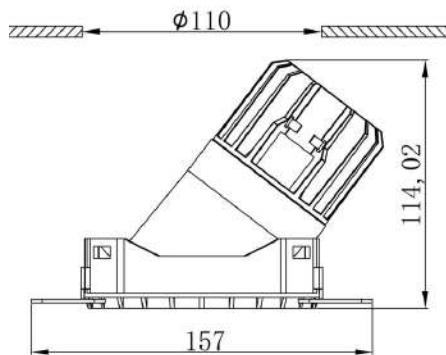
Driver _____



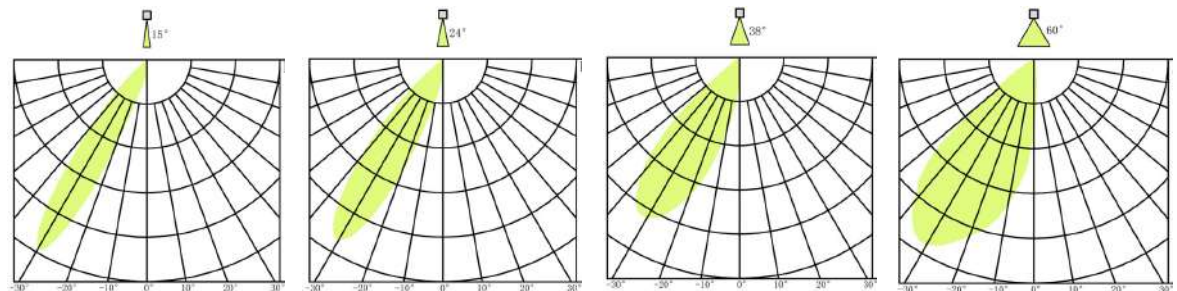


Trimless Recessed Downlight for Various Application
 Die-cast Aluminum body includes passive cooling
 Glare control Reflector with maximum luminous
 Deep Recess Lighting technology
 CRI ≥ 80 with less than 22. UGR
 Life Hours 50000
 Customized Driver upon request Dimmable Optional
 Finish Powder Coat White /black

Trimless LED Downlight



Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPDA2301CR	220-240VAc	Luminus	13W	3000K 4000K 5000K	>80	1362Lm	15° 24° 38° 60°



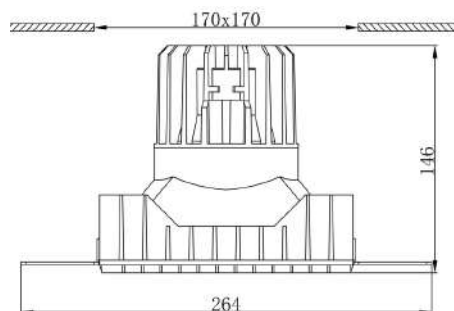
Driver





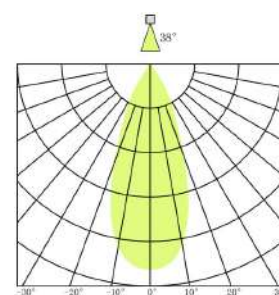
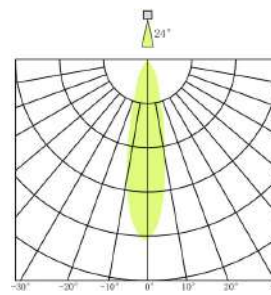
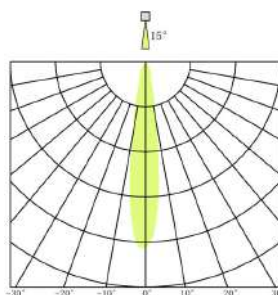
Trimless Recessed Downlight for Various Application
 Die-cast Aluminum body includes passive cooling
 Glare control Reflector with maximum luminous
 Deep Recess Lighting technology
 CRI ≥ 80 with less than 22. UGR
 Life Hours 50000
 Customized Driver upon request Dimmable Optional
 Finish Powder Coat White /black

Trimless LED Downlight



Model	Input Power 220-240VAc	LED Source	Power	Kelvin 3000K 4000K 5000K	CRI	Lumens	Optics 15° 24° 38°
LPDA2210CR		Luminus	38W		>80	4092 Lm	

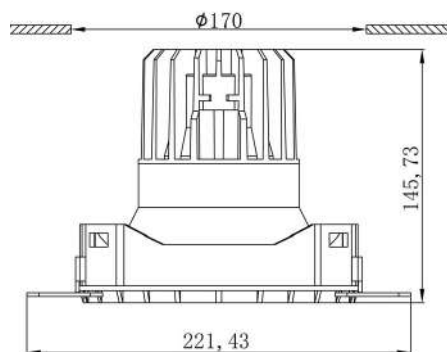
Driver _____





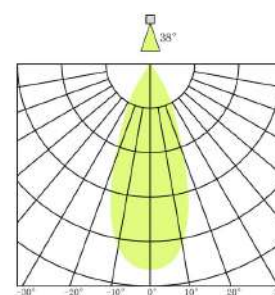
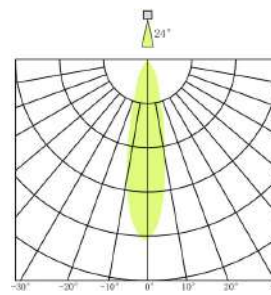
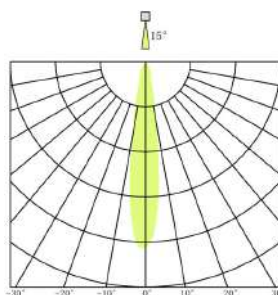
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 Customized Driver upon request Dimmable Optional
 Finish Powder Coat White /black

Trimless LED Downlight

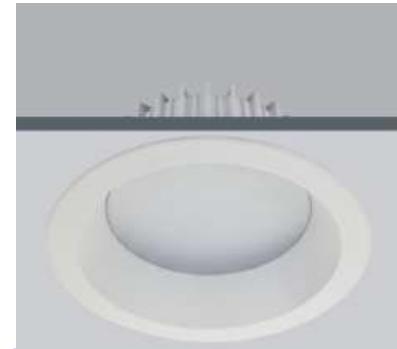


Model	Input Power 220-240VAc	LED Source	Power	Kelvin 3000K 4000K 5000K	CRI	Lumens	Optics 15° 24° 38°
LPDA2210CS		Luminus	38W		>80	4092 Lm	

Driver _____

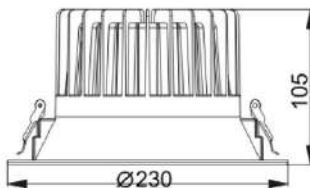
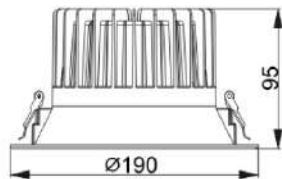


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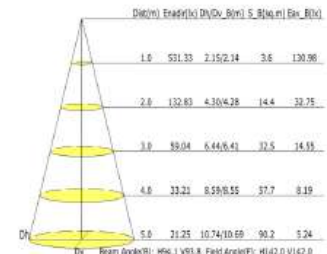
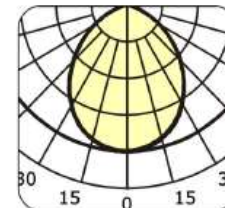


Recessed Spot & Downlight spot for Various Application
 Die-cast Aluminum body includes passive cooling
 Glare control Faceted Reflector with maximum luminous efficiency with Zhaga Lighting technology
 CRI ≥ 80 with less than 22. UGR
 Life Hours 30000
 Customized LED Chip and Driver upon request
 Finish White Stove Enamel

LED Downlight



Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPD824/20	220-240VAc	COB	20W	3000K 4000K 5000K	$>82/>90$	1600 Lm	120°
LPD824/30			30W			2400 Lm	



UNICORN SERIES

Unicorn ceiling mounted down light series is extensional design from Unicorn recessed down light with the same optical system. It delivers a high lighting performance and suitable for most of the indoor applications.

- Round and square versions in different 2 sizes.
- Tool-free installation without exposed screws.
- New generation of CITIZEN COB LED chips with extreme low heat and excellent lumen output.
- Various beam angle options provide narrow, middle, and wide light effect.
- A product with a traditional look that never goes out.





Unicorn ceiling mounted down light series is innovative design with tool-free installation save the labor cost. Deep recessed lamp for minimal glare with advance optical technology. Round and square versions, integrating control gear, no screws exposure, various beam angle options, to meet all aesthetic requirements.

Feature: Tool-free installation, aesthetic appearance.
Fixed / Round / Square / Two versions of size available

Optics: Lens

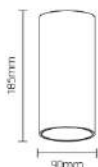
Material: Aluminum frame & Heat sink

Application:

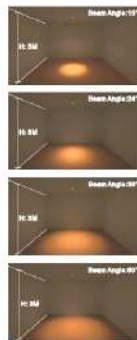
Hotels, Shopping malls, Bars, Restaurants, Gallery, villa, etc.



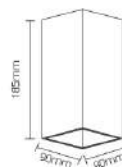
MODEL:8901 LED



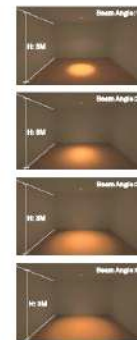
- 8W / 12W / 15W
- 8W: 765lm / 12W: 1034lm / 15W: 1150lm
- 220-240VAC 50/60Hz
- Citizen / Cree / Bridgelux COB
- 2700K / 3000K / 4000K / 5000K
- ≥ 80 / ≥ 90
- 15° / 24° / 38° / 60°
- In-built electronic power supply
- PHASE / 1-10V as options



MODEL:8902 LED



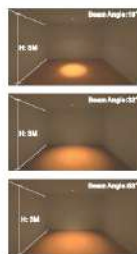
- 8W / 12W / 15W
- 8W: 765lm / 12W: 1034lm / 15W: 1150lm
- 220-240VAC 50/60Hz
- Citizen / Cree / Bridgelux COB
- 2700K / 3000K / 4000K / 5000K
- ≥ 80 / ≥ 90
- 15° / 24° / 38° / 60°
- In-built electronic power supply
- PHASE / 1-10V as options



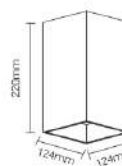
MODEL:81241 LED



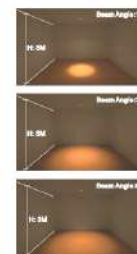
- 15W / 23W
- 15W: 1350lm / 23W: 1960lm
- 220-240VAC 50/60Hz
- Citizen / Cree / Bridgelux COB
- 2700K / 3000K / 4000K / 5000K
- ≥ 80 / ≥ 90
- 15° / 38° / 60°
- In-built electronic power supply
- PHASE / 1-10V as options



MODEL:81242 LED



- 15W / 23W
- 15W: 1284lm / 23W: 2015lm
- 220-240VAC 50/60Hz
- Citizen / Cree / Bridgelux COB
- 2700K / 3000K / 4000K / 5000K
- ≥ 80 / ≥ 90
- 15° / 38° / 60°
- In-built electronic power supply
- PHASE / 1-10V as options



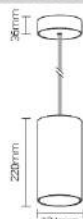
Remark: Suspension version is available for maximum flexibility.



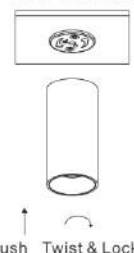
MODEL:5901 LED



MODEL:51241 LED



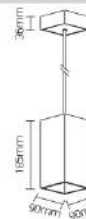
How to install



Remark: Suspension version is available for maximum flexibility.



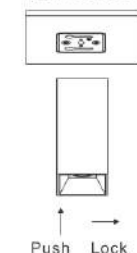
MODEL:5902 LED



MODEL:51242 LED



How to install



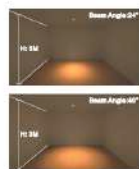


Magic shade surface-mounted COB downlight for general lighting
Two shapes: Round & Square
Optics: Reflector & lens
Material: Aluminum housing & gear box
Applications:
Hotels, Bars, Restaurants, Residential buildings
Large architectural structures
Shopping centers and retail stores

MODEL:8168201 LED



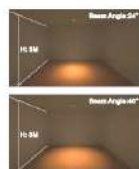
- 8W / 12W
- 8W: 740lm / 12W: 1000lm
- 220-240VAC 50/60Hz
- Citizen / Cree / Bridgelux COB
- 2700K / 3000K / 4000K / 5000K
- Ra ≥80 / ≥90
- 24° / 40°
- In-built electronic power supply
- PHASE / 1-10V as options



MODEL:8168202 LED



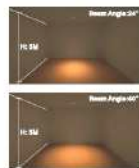
- 2×8W / 2×12W
- 2×8W: 1480lm / 2×12W: 2000lm
- 220-240VAC 50/60Hz
- Citizen / Cree / Bridgelux COB
- 2700K / 3000K / 4000K / 5000K
- Ra ≥80 / ≥90
- 24° / 40°
- In-built electronic power supply
- PHASE / 1-10V / DALI as options



MODEL:8168101 LED



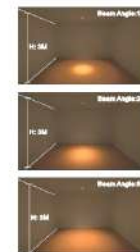
- 8W / 12W
- 8W: 740lm / 12W: 1000lm
- 220-240VAC 50/60Hz
- Citizen / Cree / Bridgelux COB
- 2700K / 3000K / 4000K / 5000K
- Ra ≥80 / ≥90
- 24° / 40°
- In-built electronic power supply
- PHASE / 1-10V as options



MODEL:8368201 LED



- 17W / 24W / 30W
- 17W: 1700lm / 24W: 2200lm / 30W: 2400lm
- 220-240VAC 50/60Hz
- Citizen / Cree / Bridgelux COB
- 2700K / 3000K / 4000K / 5000K
- Ra ≥80 / ≥90
- 12° / 24° / 50°
- In-built electronic power supply
- PHASE / 1-10V as options



MODEL:8368202 LED



- 2×17W / 2×24W / 2×30W
- 2×17W: 3400lm / 2×24W: 4400lm / 2×30W: 4800lm
- 220-240VAC 50/60Hz
- Citizen / Cree / Bridgelux COB
- 2700K / 3000K / 4000K / 5000K
- Ra ≥80 / ≥90
- 12° / 24° / 50°
- In-built electronic power supply
- PHASE / 1-10V / DALI as options



MODEL:8368101 LED



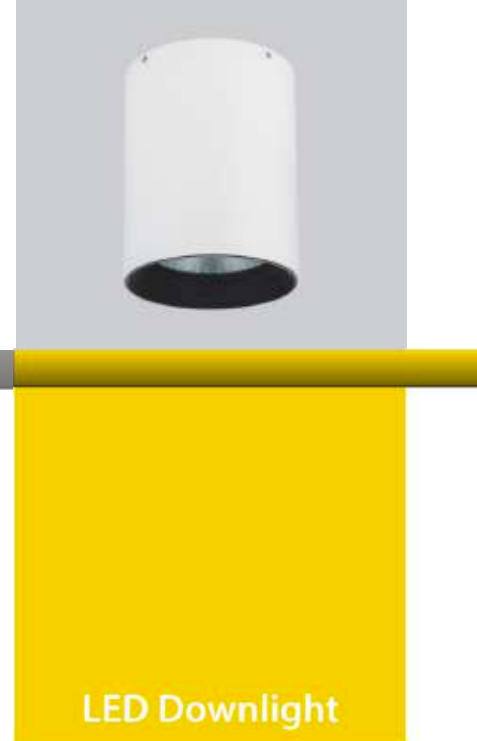
- 17W / 24W / 30W
- 17W: 1700lm / 24W: 2200lm / 30W: 2400lm
- 220-240VAC 50/60Hz
- Citizen / Cree / Bridgelux COB
- 2700K / 3000K / 4000K / 5000K
- Ra ≥80 / ≥90
- 12° / 24° / 50°
- In-built electronic power supply
- PHASE / 1-10V as options



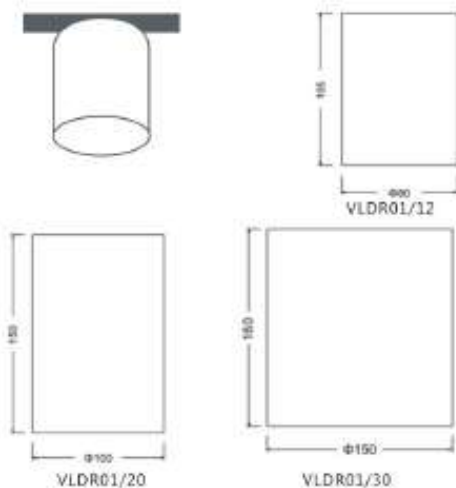
lumeplus



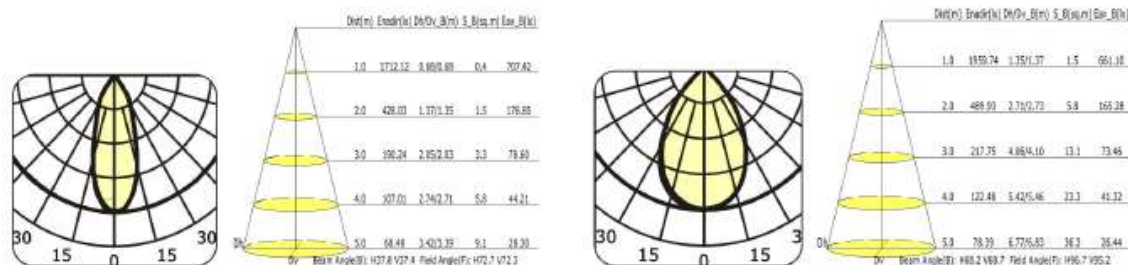
Surface / Pendant Downlight spot for Various Application
 Die-cast Aluminum body includes passive cooling
 Glare control Faceted Reflector with maximum luminous efficiency with Zhaga Lighting technology
 CRI ≥ 80 with less than 22. UGR
 Life Hours 30000
 Customized LED Chip and Driver upon request
 Finish White Stove Enamel



LED Downlight



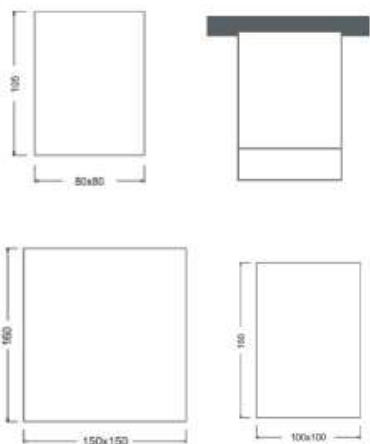
Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPDR01/12			12W			1080 Lm	
LPDR01/20	220-240VAc	COB	20W	3000K 4000K 5000K	$>82/>90$	1800 Lm	24° 36° 60°
LPDR01/30			30W			2700 Lm	



lumeplus



Surface / Pendant Downlight spot for Various Application
 Die-cast Aluminum body includes passive cooling
 Glare control Faceted Reflector with maximum luminous efficiency with Zhaga Lighting technology
 CRI ≥ 80 with less than 22. UGR
 Life Hours 30000
 Customized LED Chip and Driver upon request
 Finish White Stove Enamel



LED Downlight

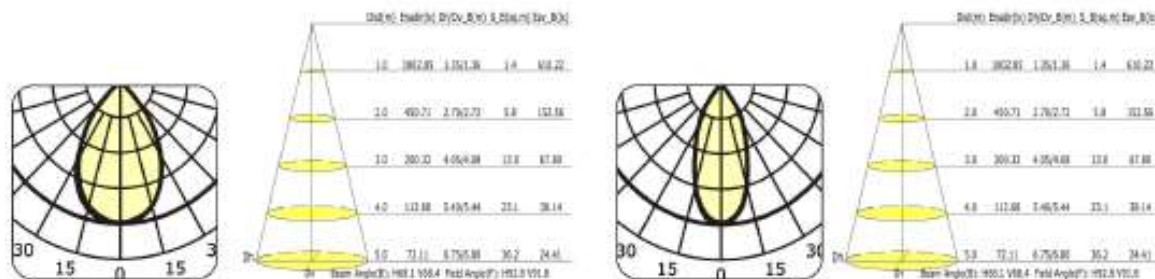
Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPDS01/12			12W			1080 Lm	24°
LPDS01/20	220-240VAc	COB	20W	3000K 4000K 5000K	$>82/>90$	1800 Lm	36°
LPDS01/30			30W			2700 Lm	60°

LED

bridgelux. CREE PHILIPS CITIZEN

Driver

PHILIPS OSRAM TRIDONIC HER



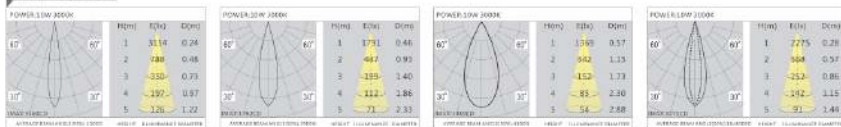
Adjustable and fixed LED downlights for various lighting tasks, providing maximum luminous efficiency and glare-free directional light. Die-cast aluminum heat sink for effective passive cooling and high-quality aluminum reflector.

LED Recessed spotlight

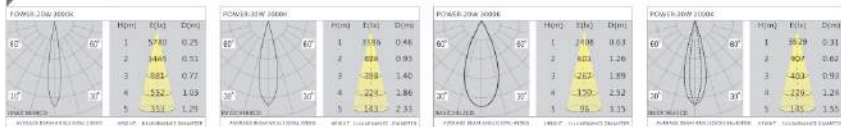


PHOTOMETRIC DATA

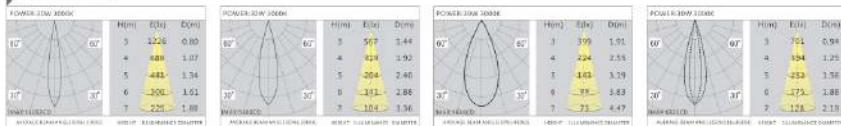
(W)11131LED



(W)12091LED



(W)13051LED



HOTEL SERIES

Hotel downlight for general lighting, accent lighting and task lighting

Two shapes: round & square

Fixed, adjustable, trimmed, trimless versions available

Optics: Reflector / lens

Material: Aluminum

Frame colour: White

Applications:

Hotels, Bars, Restaurants

Residential buildings





Hotel series traditional downlight for general lighting, accent lighting and task lighting

Two shapes: round/Square

Fixed/adjustable/trimmed/trimless performance available

Excellent glare control to ensure visual comfort

Optics: pinhole aperture

Material: Aluminum frame

Applications:

Hotels, Bars, Restaurants, Residential buildings

MODEL:001



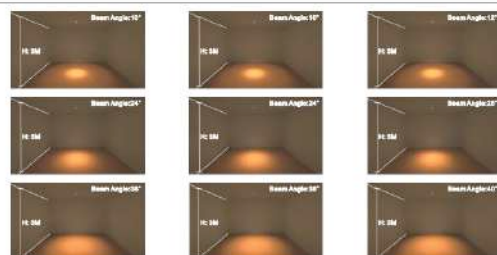
Max. 50W	Max. 50W	20W / 35W
QR-CBC51 GU5.3	QPAR16 GU10	CMHMR16 GX10
AC12V	AC220~240V	AC220~240V
10° / 24° / 38°	10° / 24° / 38°	12° / 25° / 40°



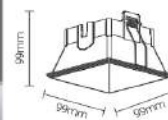
MODEL:002



Max. 50W	Max. 50W	20W / 35W
QR-CBC51 GU5.3	QPAR16 GU10	CMHMR16 GX10
AC12V	AC220~240V	AC220~240V
10° / 24° / 38°	10° / 24° / 38°	12° / 25° / 40°



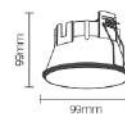
MODEL:012



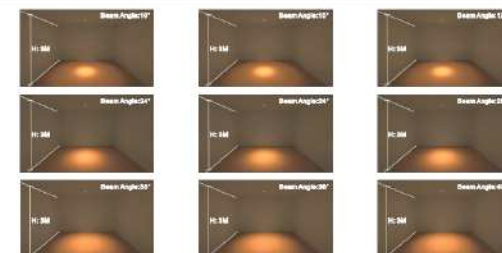
Max. 50W	Max. 50W	20W / 35W
QR-CBC51 GU5.3	QPAR16 GU10	CMHMR16 GX10
AC12V	AC220~240V	AC220~240V
10° / 24° / 38°	10° / 24° / 38°	12° / 25° / 40°



MODEL:013



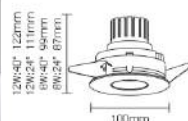
Max. 50W	Max. 50W	20W / 35W
QR-CBC51 GU5.3	QPAR16 GU10	CMHMR16 GX10
AC12V	AC220~240V	AC220~240V
10° / 24° / 38°	10° / 24° / 38°	12° / 25° / 40°





Hotel series COB downlight for general lighting, accent lighting and task lighting.
Two shapes: round & square
Fixed/adjustable/trimmed/trimless performance available
Excellent glare control to ensure visual comfort.
Optics: pinhole aperture
Material: Aluminum frame
Applications:
Hotels, Bars, Restaurants, Residential buildings

MODEL:001 LED



- ⚡ 8W / 12W
- 💡 8W: 537lm / 12W: 737lm
- 🔌 8W: 37V 200mA / 12W: 37V 300mA
- 💡 Citizen / Cree / Bridgelux COB
- 🌈 2700K / 3000K / 4000K / 5000K
- 📏 Ra ≥80 / ≥90
- 🔧 24° / 40°
- 🔌 Remote electronic power supply
- 📶 PHASE / 1-10V / DALI as options



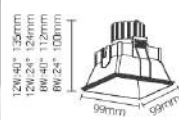
MODEL:002 LED



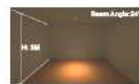
- ⚡ 8W / 12W
- 💡 8W: 537lm / 12W: 737lm
- 🔌 8W: 37V 200mA / 12W: 37V 300mA
- 💡 Citizen / Cree / Bridgelux COB
- 🌈 2700K / 3000K / 4000K / 5000K
- 📏 Ra ≥80 / ≥90
- 🔧 24° / 40°
- 🔌 Remote electronic power supply
- 📶 PHASE / 1-10V / DALI as options



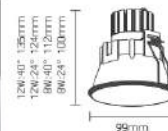
MODEL:012 LED



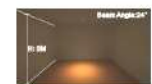
- ⚡ 8W / 12W
- 💡 8W: 811lm / 12W: 1100lm
- 🔌 8W: 37V 200mA / 12W: 37V 300mA
- 💡 Citizen / Cree / Bridgelux COB
- 🌈 2700K / 3000K / 4000K / 5000K
- 📏 Ra ≥80 / ≥90
- 🔧 24° / 40°
- 🔌 Remote electronic power supply
- 📶 PHASE / 1-10V / DALI as options



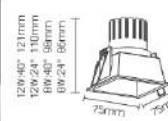
MODEL:013 LED



- ⚡ 8W / 12W
- 💡 8W: 811lm / 12W: 1100lm
- 🔌 8W: 37V 200mA / 12W: 37V 300mA
- 💡 Citizen / Cree / Bridgelux COB
- 🌈 2700K / 3000K / 4000K / 5000K
- 📏 Ra ≥80 / ≥90
- 🔧 24° / 40°
- 🔌 Remote electronic power supply
- 📶 PHASE / 1-10V / DALI as options



MODEL:014 LED



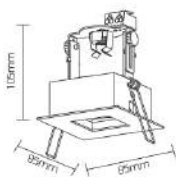
- ⚡ 8W / 12W
- 💡 8W: 811lm / 12W: 1100lm
- 🔌 8W: 37V 200mA / 12W: 37V 300mA
- 💡 Citizen / Cree / Bridgelux COB
- 🌈 2700K / 3000K / 4000K / 5000K
- 📏 Ra ≥80 / ≥90
- 🔧 24° / 40°
- 🔌 Remote electronic power supply
- 📶 PHASE / 1-10V / DALI as options





Hotel series traditional downlight for general lighting, accent lighting and task lighting
Two shapes: round & square
Fixed/adjustable/trimmed performance available
Excellent glare control to ensure visual comfort
Optics: Square aperture
Material: Aluminum frame
Applications:
Hotels, Bars, Restaurants, Residential buildings
Package:
015LED: 460x490x260mm/40pcs

MODEL:015

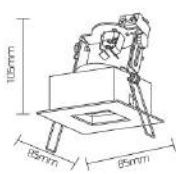


Max. 50W	Max. 50W	20W / 35W
QR-CBC51 GU5.3	QPAR16 GU10	CMH-MR16 GX10
AC12V	AC220~240V	AC220~240V
10° / 24° / 38°	10° / 24° / 38°	12° / 25° / 40°



Hotel series traditional downlight for general lighting, accent lighting and task lighting
Two shapes: round & square
Fixed/adjustable/trimmed performance available
Excellent glare control to ensure visual comfort
Optics: pinhole aperture
Material: Aluminum frame
Applications:
Hotels, Bars, Restaurants, Residential buildings
Package:
016: 460x490x260mm/40pcs

MODEL:016

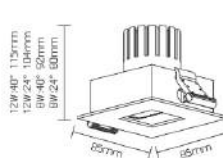


Max. 50W	Max. 50W	20W / 35W
QR-CBC51 GU5.3	QPAR16 GU10	CMH-MR16 GX10
AC12V	AC220~240V	AC220~240V
10° / 24° / 38°	10° / 24° / 38°	12° / 25° / 40°



Hotel series COB downlight for general lighting, accent lighting and task lighting
Fixed/adjustable/ performance of multiple modules available
Excellent glare control to ensure visual comfort
Optics: Square aperture
Material: Steel frame & die-casting aluminium
Applications:
Hotels, Bars, Restaurants, Residential buildings
Package:
015LED: 460x490x260mm/40pcs

MODEL:015 LED

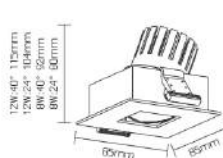


8W / 12W	8W: 550lm / 12W: 750lm
8W: 37V 200mA / 12W: 37V 300mA	
Citizen / Cree / Bridgelux COB	
2700K / 3000K / 4000K / 5000K	
Ra ≥80 / ≥90	
15° / 24° / 40°	
Remote electronic power supply	
PHASE / 1-10V / DALI as options	



Hotel series COB downlight for general lighting, accent lighting and task lighting
Fixed/adjustable/ performance of multiple modules available
Excellent glare control to ensure visual comfort
Optics: Square aperture
Material: Steel frame & die-casting aluminium
Applications:
Hotels, Bars, Restaurants, Residential buildings
Package:
016LED: 460x490x260mm/40pcs

MODEL:016 LED



8W / 12W	8W: 550lm / 12W: 750lm
8W: 37V 200mA / 12W: 37V 300mA	
Citizen / Cree / Bridgelux COB	
2700K / 3000K / 4000K / 5000K	
Ra ≥80 / ≥90	
15° / 24° / 40°	
Remote electronic power supply	
PHASE / 1-10V / DALI as options	



NORDIC SERIES

Nordic COB down light series is specially conceived for false ceilings with limited installation space.

A practical and versatile spotlight with an IP44 rating protection against dust and splashing water, is suitable to be used in a wealth of applications.

Vertical adjustable design performs the excellent glare control to ensure visual comfort.



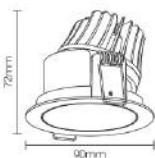
*Vertically adjustable
from Ø~14mm to get
a pleasant glare !*



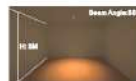


Nordic CDB down light series is specially conceived for false ceilings with limited installation space. A practical and versatile spotlight with an IP44 rating protection against dust and splashing water, is suitable to be used in a wealth of applications.
Feature: Small cut-out, low height.
Fixed / adjustable / trimmed performance available
 Vertical adjustable design perform the excellent glare control to ensure visual comfort.
Optics: Lens
Material: Aluminum frame & Heat sink
Application:
 Hotel guestroom, Residential building, fancy stores, supermarket, etc.

MODEL:1902 LED

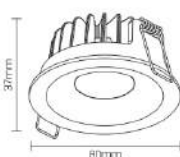


- ⚡ 8W
- 💡 8W: 557lm
- ⚙️ 37V 200mA
- ☀️ Citizen / Cree / Bridgelux COB
- 🌈 2700K / 3000K / 4000K / 5000K
- 📏 Ra ≥80 / ≥90
- 📐 25° / 38° / 60°
- 🔌 Remote electronic power supply
- 🔄 PHASE / 1-10V / DALI as options



Nordic CDB down light series is specially conceived for false ceilings with limited installation space. A practical and versatile spotlight with an IP44 rating protection against dust and splashing water, is suitable to be used in a wealth of applications.
Feature: Small cut-out, low height.
Fixed / adjustable / trimmed performance available
 Vertical adjustable design perform the excellent glare control to ensure visual comfort.
Optics: Lens
Material: Aluminum frame & Heat sink
Application:
 Hotel guestroom, Residential building, fancy stores, supermarket, etc.
 Package: 340x340x350mm / 36PCS

MODEL:1802 LED

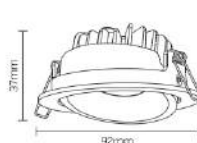


- ⚡ 8W
- 💡 8W: 655lm
- ⚙️ 37V 200mA
- ☀️ Citizen / Cree / Bridgelux COB
- 🌈 2700K / 3000K / 4000K / 5000K
- 📏 Ra ≥80 / ≥90
- 📐 25° / 38° / 60°
- 🔌 Remote electronic power supply
- 🔄 PHASE / 1-10V / DALI as options

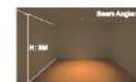


Nordic CDB down light series is specially conceived for false ceilings with limited installation space. A practical and versatile spotlight with an IP44 rating protection against dust and splashing water, is suitable to be used in a wealth of applications.
Feature: Small cut-out, low height.
Fixed / adjustable / trimmed performance available
 Vertical adjustable design perform the excellent glare control to ensure visual comfort.
Optics: Lens
Material: Aluminum frame & Heat sink
Application:
 Hotel guestroom, Residential building, fancy stores, supermarket, etc.

MODEL:1922 LED



- ⚡ 8W
- 💡 8W: 655lm
- ⚙️ 37V 200mA
- ☀️ Citizen / Cree / Bridgelux COB
- 🌈 2700K / 3000K / 4000K / 5000K
- 📏 Ra ≥80 / ≥90
- 📐 25° / 38° / 60°
- 🔌 Remote electronic power supply
- 🔄 PHASE / 1-10V / DALI as options



Nordic CDB down light series is specially conceived for false ceilings with limited installation space. A practical and versatile spotlight with an IP44 rating protection against dust and splashing water, is suitable to be used in a wealth of applications.
Feature: Small cut-out, low height.
Fixed / adjustable / trimmed performance available
 Vertical adjustable design perform the excellent glare control to ensure visual comfort.
Optics: Lens
Material: Aluminum frame & Heat sink
Application:
 Hotel guestroom, Residential building, fancy stores, supermarket, etc.
 Package: 340x340x350mm / 36PCS

MODEL:1941 LED



- ⚡ 8W
- 💡 8W: 655lm
- ⚙️ 37V 200mA
- ☀️ Citizen / Cree / Bridgelux COB
- 🌈 2700K / 3000K / 4000K / 5000K
- 📏 Ra ≥80 / ≥90
- 📐 25° / 38° / 60°
- 🔌 Remote electronic power supply
- 🔄 PHASE / 1-10V / DALI as options

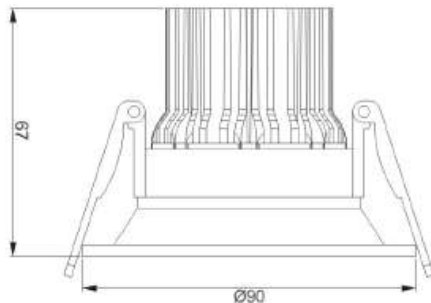


lumeplus



Recessed Spot & Downlight spot for Various Application
 Die-cast Aluminum body includes passive cooling
 Glare control Faceted Reflector with maximum luminous efficiency with Zhaga Lighting technology
 CRI ≥ 80 with less than 22. UGR
 Life Hours 30000
 Customized LED Chip and Driver upon request
 Finish White Stove Enamel

LED Recessed Spotlight



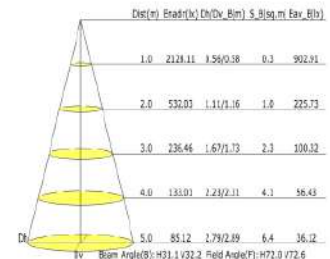
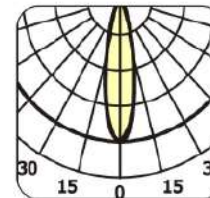
Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPC314/10	220-240VAc	COB	10W	3000K 4000K 5000K	>82/>90	850Lm	24°

LED

bridgelux CREE PHILIPS CITIZEN

Driver

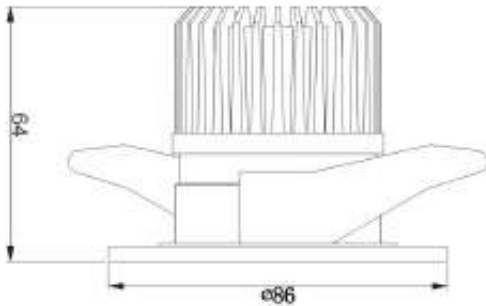
PHILIPS OSRAM TRIDONIC HEP



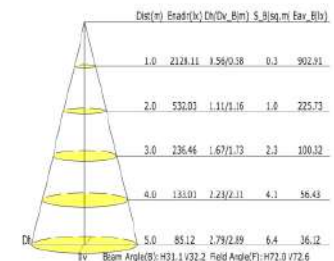
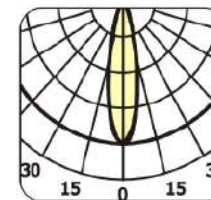


Recessed Spot & Downlight spot for Various Application
 Die-cast Aluminum body includes passive cooling
 Glare control Faceted Reflector with maximum luminous efficiency with Zhaga Lighting technology
 CRI ≥ 80 with less than 22. UGR
 Life Hours 30000
 Customized LED Chip and Driver upon request
 Finish White Stove Enamel

LED Recessed Spotlight



Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPC316/10	220-240VAc	COB	8W	3000K 4000K 5000K	>82/>90	650Lm	24°

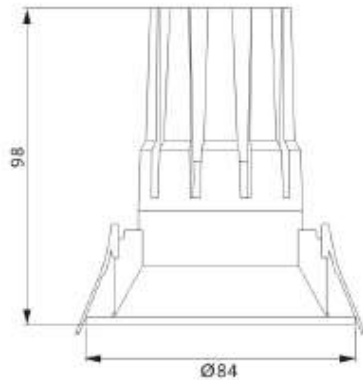


lumeplus



Recessed Spot & Downlight spot for Various Application
 Die-cast Aluminum body includes passive cooling
 Glare control Faceted Reflector with maximum luminous efficiency with Zhaga Lighting technology
 CRI ≥ 80 with less than 22. UGR
 Life Hours 30000
 Customized LED Chip and Driver upon request
 Finish White Stove Enamel

LED Recessed Spotlight

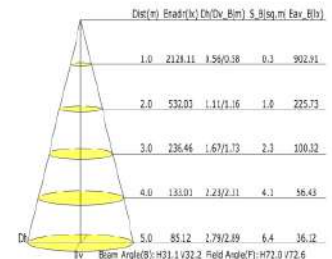
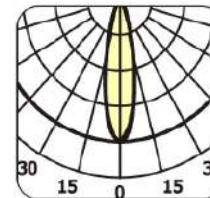


Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPC320/10	220-240VAc	COB	10W	3000K 4000K 5000K	>82/>90	850Lm	24°

LED



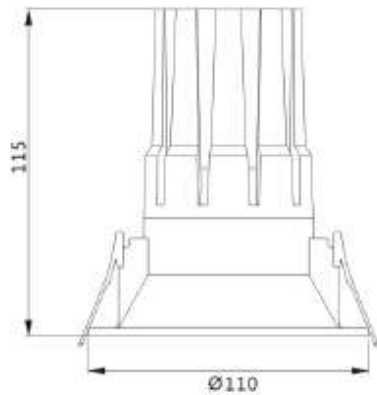
Driver





Recessed Spot & Downlight spot for Various Application
 Die-cast Aluminum body includes passive cooling
 Glare control Faceted Reflector with maximum luminous efficiency with Zhaga Lighting technology
 CRI ≥ 80 with less than 22. UGR
 Life Hours 30000
 Customized LED Chip and Driver upon request
 Finish White Stove Enamel

LED Recessed Spotlight



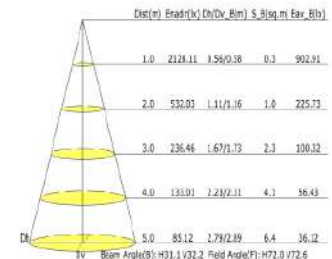
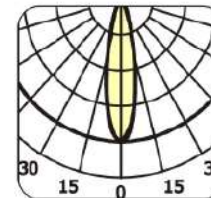
Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPC420/15	220-240VAc	COB	15W	3000K 4000K 5000K	>82/>90	1200Lm	24°

LED

bridgelux. CREE PHILIPS CITIZEN

Driver

PHILIPS OSRAM TRIDONIC HEP



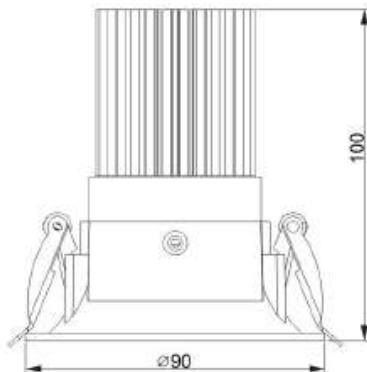
lumeplus



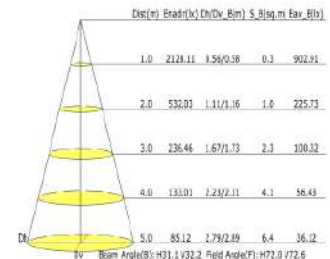
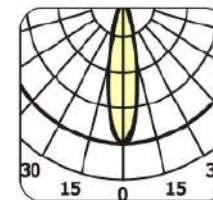
Recessed Spot & Downlight spot for Various Application
 Die-cast Aluminum body includes passive cooling
 Glare control Faceted Reflector with maximum luminous efficiency with Zhaga Lighting technology
 CRI ≥ 80 with less than 22. UGR
 Life Hours 30000
 Customized LED Chip and Driver upon request
 Finish White Stove Enamel



LED Recessed Spotlight

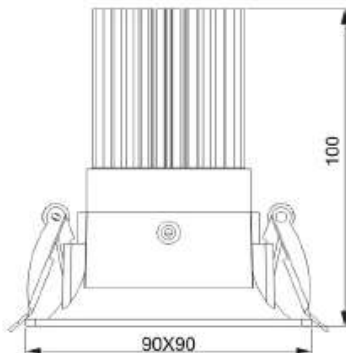
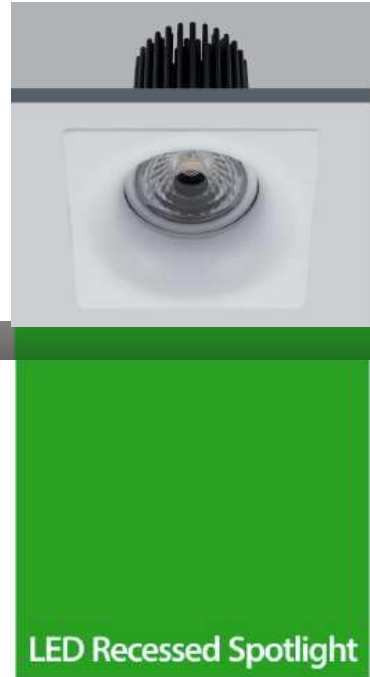


Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPC307/12	220-240VAc	COB	12W	3000K 4000K 5000K	>82/>90	1080Lm	24°

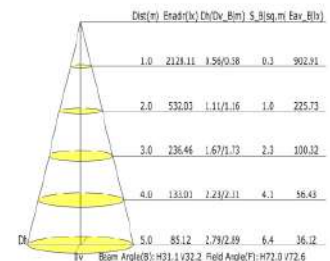
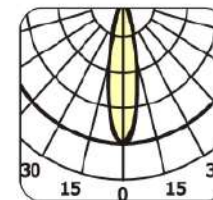




Recessed Spot & Downlight spot for Various Application
 Die-cast Aluminum body includes passive cooling
 Glare control Faceted Reflector with maximum luminous efficiency with Zhaga Lighting technology
 CRI ≥ 80 with less than 22. UGR
 Life Hours 30000
 Customized LED Chip and Driver upon request
 Finish White Stove Enamel



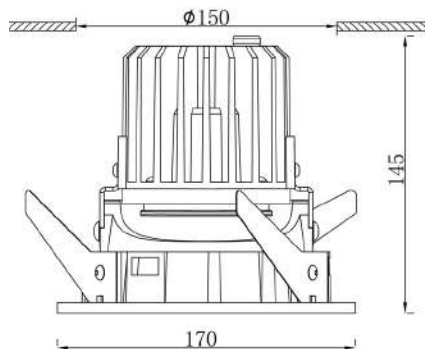
Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPC306/12	220-240VAc	COB	12W	3000K 4000K 5000K	>82/>90	1080Lm	24°





Recessed Spot Downlight for Various Application
 Die-cast Aluminum body includes passive cooling
 Glare control Reflector with maximum luminous
 Deep Recess Lighting technology
 CRI ≥ 80 with less than 22. UGR
 Life Hours 50000
 Customized Driver upon request Dimmable Optional
 Finish Powder Coat White /black

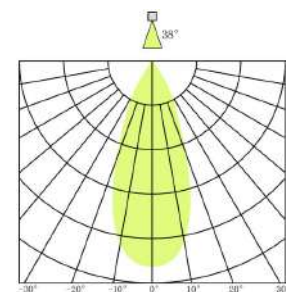
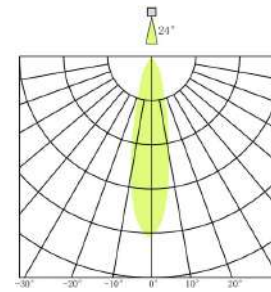
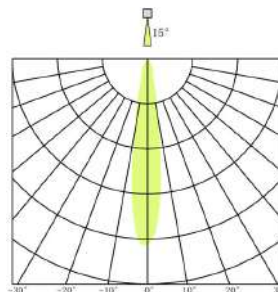
LED Recessed Spotlight



Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPDA2111AS	220-240VAc	COB Luminus	25W	3000K 4000K 5000K	>82/>90	2750Lm	15° 24° 38°

Driver

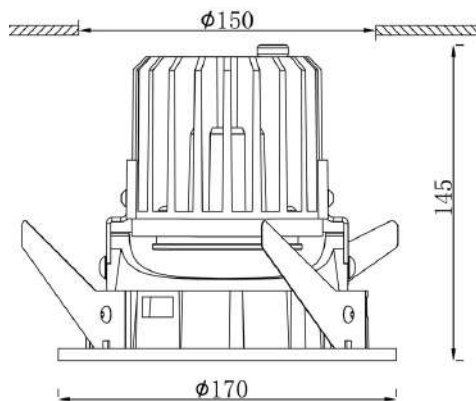
PHILIPS OSRAM TRIDONIC HEP





Recessed Spot Downlight for Various Application
 Die-cast Aluminum body includes passive cooling
 Glare control Reflector with maximum luminous
 Deep Recess Lighting technology
 CRI ≥ 80 with less than 22. UGR
 Life Hours 50000
 Customized Driver upon request Dimmable Optional
 Finish Powder Coat White /black

LED Recessed Spotlight

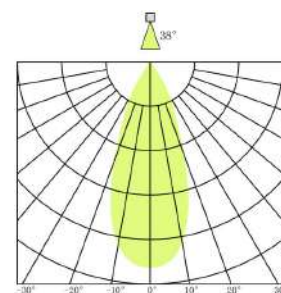
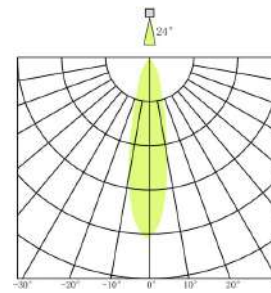
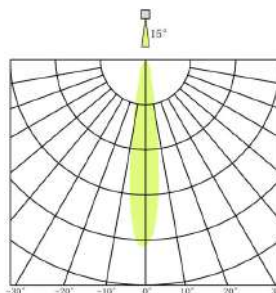


Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPDA2111AR	220-240VAc	COB Luminus	25W	3000K 4000K 5000K	>82/>90	2750Lm	15° 24° 38°

Driver

PHILIPS OSRAM TRIDONIC

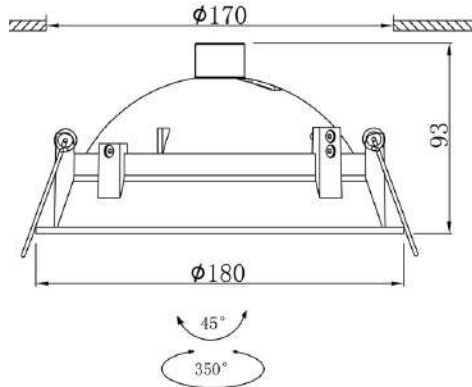
HEP





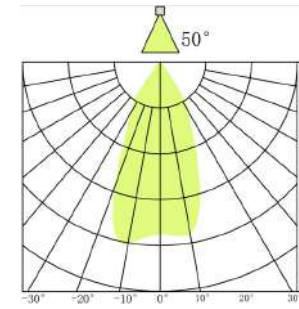
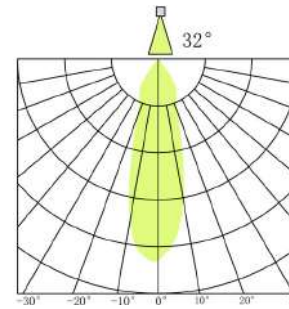
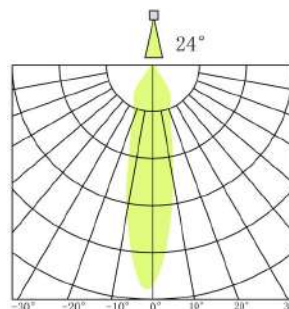
Recessed Spot Downlight for Various Application
 Die-cast Aluminum body includes passive cooling
 Glare control Reflector with maximum luminous
 Deep Recess Lighting technology
 CRI ≥ 80 with less than 22. UGR
 Life Hours 50000
 Customized Driver upon request Dimmable Optional
 Finish Powder Coat White /black

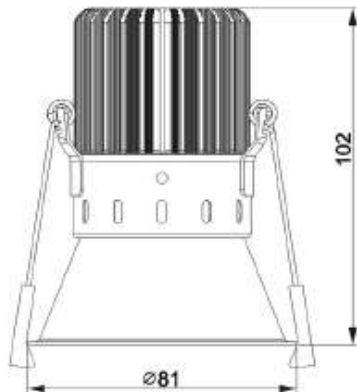
LED Recessed Spotlight



Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPDA1910BR	220-240VAc	COB BRIDGELUX	15W	3000K 4000K 5000K	>82/>90	1553Lm	24° 32° 50°

Driver

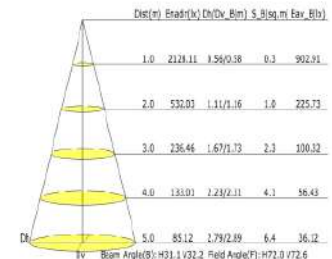
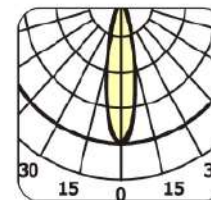


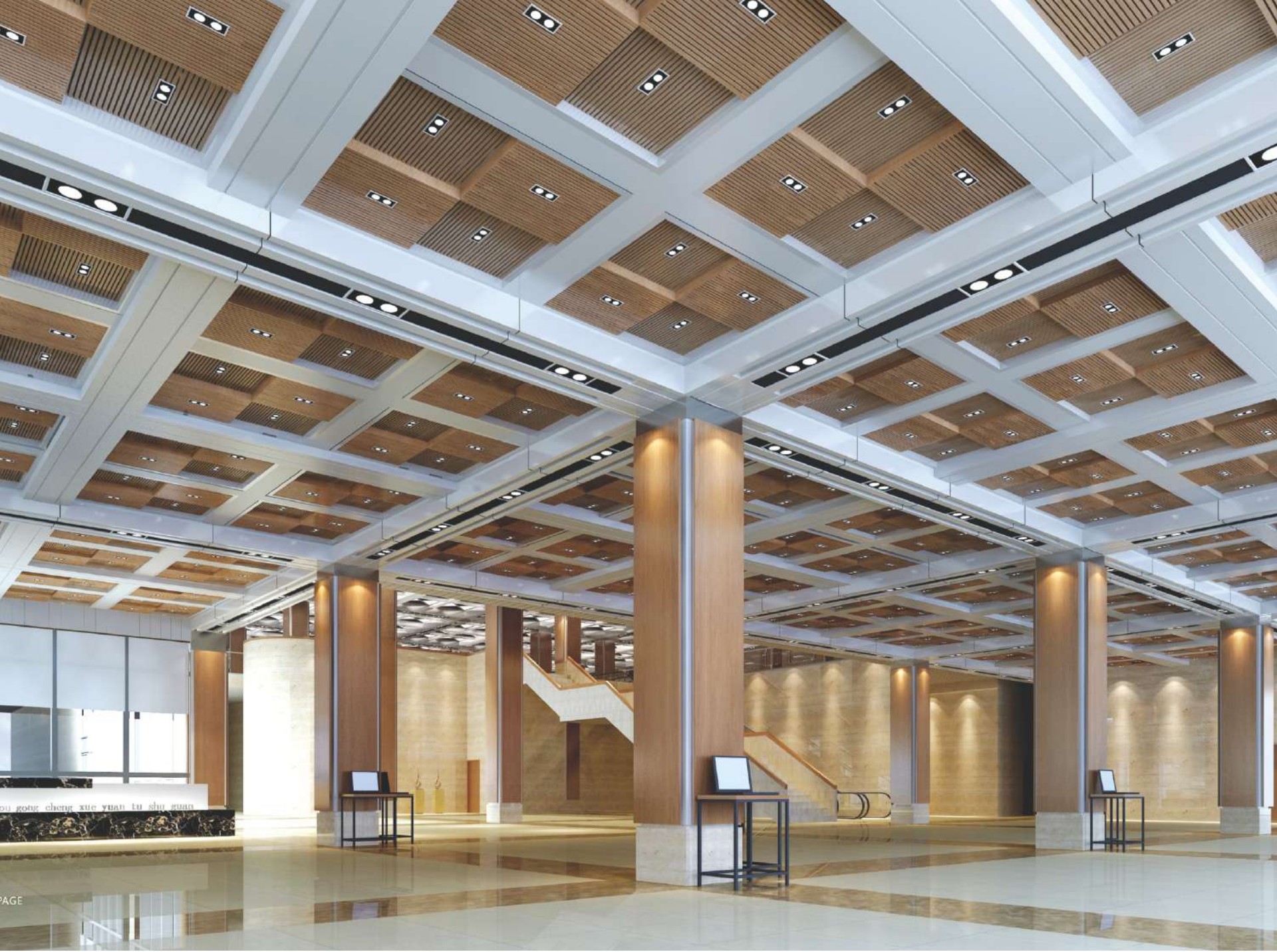


Recessed Spot & Downlight spot for Various Application
 Die-cast Aluminum body includes passive cooling
 Glare control Faceted Reflector with maximum luminous efficiency with Zhaga Lighting technology
 CRI ≥ 80 with less than 22. UGR
 Life Hours 30000
 Customized LED Chip and Driver upon request
 Finish White Stove Enamel

LED Recessed Spotlight

Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPC310/12	220-240VAc	COB	12W	3000K 4000K 5000K	>82/>90	1080Lm	24°







GRID SERIES

The cardan recessed downlights are in a contemporary design which is made of high-quality die-cast aluminum and stable sheet steel, with two versions of traditional and LED available, customers are able to choose the right one to fit project needs, the traditional version ring can manage to swivel continuously though up to $\pm 30^\circ$, which is compatible with MR16 LED engines and varied halogen bulbs, the LED version head is able to rotate up to 350° , tilt up to $\pm 30^\circ$ to enable a flexible lighting usage.

lumeplus

GRID SERIES <<<

GRID SERIES

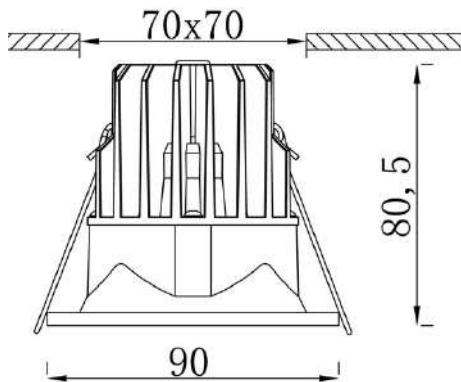
The cardan recessed downlights are in a contemporary design which is made of high-quality die-cast aluminum and stable sheet steel, with two versions of traditional and LED available, customers are able to choose the right one to fit project needs, the traditional version ring can manage to swivel continuously though up to $\pm 30^\circ$, which is compatible with MR16 LED engines and varied halogen bulbs, the LED version head is able to rotate up to 350° , tilt up to $\pm 30^\circ$ to enable a flexible lighting usage.



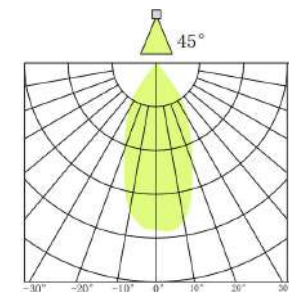
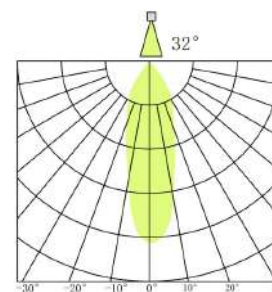
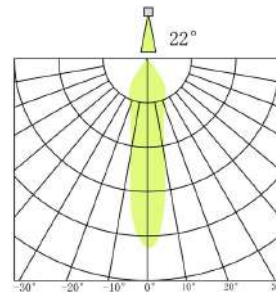


Recessed Spot Downlight for Various Application
 Die-cast Aluminum body includes passive cooling
 Glare control Reflector with maximum luminous
 Deep Recess Lighting technology
 CRI ≥ 80 with less than 22. UGR
 Life Hours 50000
 Customized Driver upon request Dimmable Optional
 Finish Powder Coat White /black

LED Grille Spotlight



Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPDA2010CS	220-240VAc	COB BRIDGELUX	10W	3000K 4000K 5000K	>80	903Lm	22° 32° 45°



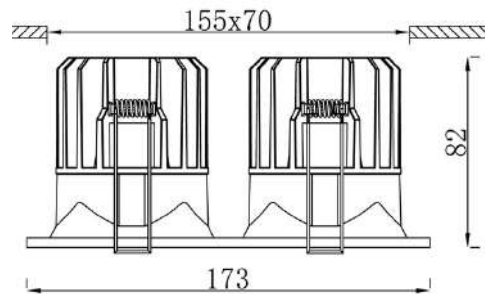
Driver _____

PHILIPS
 OSRAM
 TRIDONIC
 HEP

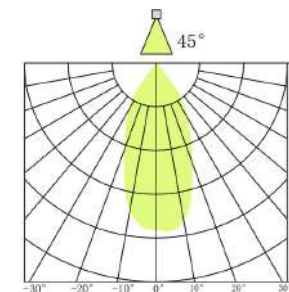
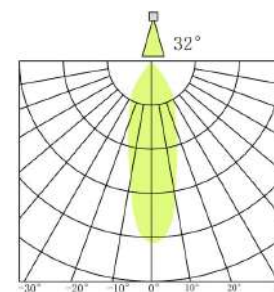
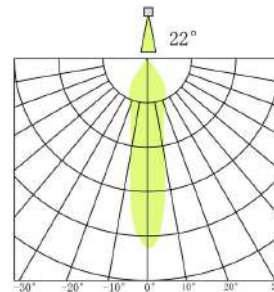


Recessed Twin Spot Downlight for Various Application
 Die-cast Aluminum body includes passive cooling
 Glare control Reflector with maximum luminous
 Deep Recess Lighting technology
 CRI ≥ 80 with less than 22. UGR
 Life Hours 50000
 Customized Driver upon request Dimmable Optional
 Finish Powder Coat White /black

LED Grille Spotlight



Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPDA2020CS	220-240VAc	COB BRIDGELUX	2*10W	3000K 4000K 5000K	>80	1806Lm	22° 32° 45°



Driver

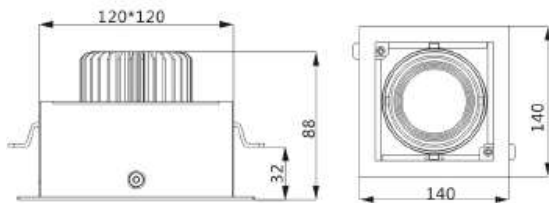
PHILIPS
 OSRAM
 TRIDONIC
 HEP



Recessed Spot & Downlight spot for Various Application
 Die-cast Aluminum body includes passive cooling
 Glare control Faceted Reflector with maximum luminous efficiency with Zhaga Lighting technology
 CRI ≥ 80 with less than 22. UGR
 Life Hours 30000
 Customized LED Chip and Driver upon request
 Finish White Stove Enamel

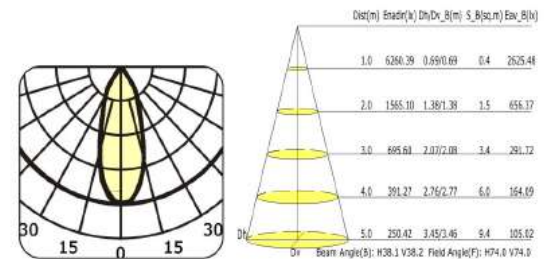
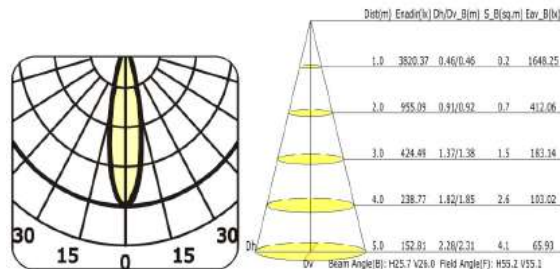


LED Grille Spotlight



Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPG251/18	220-240VAc	COB	18W	3000K	>82/>90	1620Lm	24°
LPG251/25			25W	4000K 5000K		2250Lm	36°

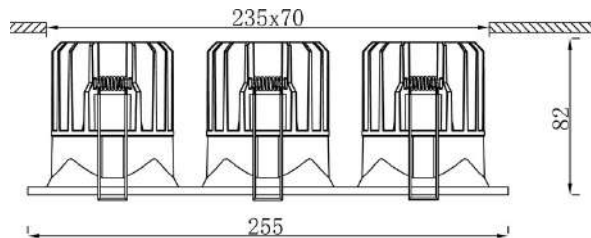
LED _____
 bridgelux. CREE PHILIPS CITIZEN
Driver _____
 PHILIPS OSRAM TRIDONIC HER





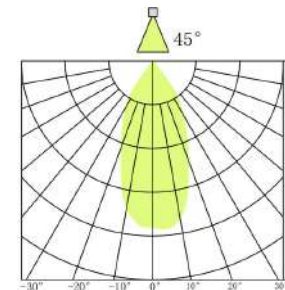
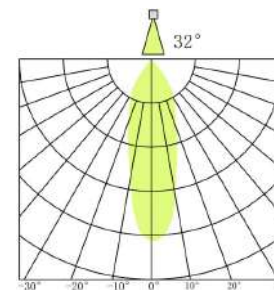
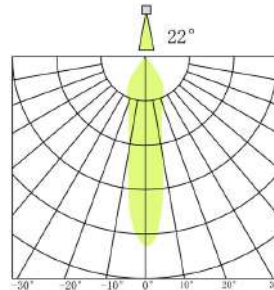
Recessed Triple Spot Downlight for Various Application
 Die-cast Aluminum body includes passive cooling
 Glare control Reflector with maximum luminous
 Deep Recess Lighting technology
 CRI ≥ 80 with less than 22. UGR
 Life Hours 50000
 Customized Driver upon request Dimmable Optional
 Finish Powder Coat White /black

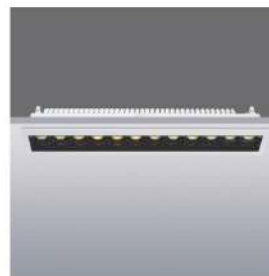
LED Grille Spotlight



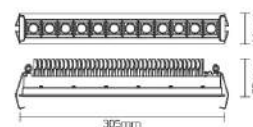
Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPDA2030CS	220-240VAc	COB BRIDGELUX	3*10W	3000K 4000K 5000K	>80	2709Lm	22° 32° 45°

Driver _____

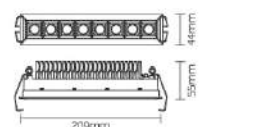




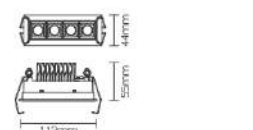
MODEL: 13051 LED



MODEL: 12091 LED



MODEL: 11131 LED

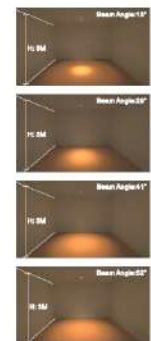


The new series are with miniaturised optic, providing high visual comfort, uses the physical principle of pinpoint lamps, generating CIRCULAR light emission. Excellent glare control(UGR<19)
Multiple sizes, trimmed/trimless performance available
Optics: Reflector & Len
Material: Aluminum Frame & heatsink
Applications:
Showroom, Gallery, Museum
Hotels, Bars, Restaurants, Shopping centers and retail stores
Office and administration buildings, Large architectural structures

- 30W
- 30W: 1420lm
- 30W: 35V 700mA
- Cree
- 2700K / 3000K / 4000K / 5000K
- Ra ≥80 / ≥90
- 13° / 29° / 41° / 52° / 16°×36°
- Remote electronic power supply
- PHASE / 1-10V / DALI as options

- 20W
- 20W: 950lm
- 20W: 24V 700mA
- Cree
- 2700K / 3000K / 4000K / 5000K
- Ra ≥80 / ≥90
- 13° / 29° / 41° / 52° / 16°×36°
- Remote electronic power supply
- PHASE / 1-10V / DALI as options

- 10W
- 10W: 490lm
- 10W: 12V 700mA
- Cree
- 2700K / 3000K / 4000K / 5000K
- Ra ≥80 / ≥90
- 13° / 29° / 41° / 52° / 16°×36°
- Remote electronic power supply
- PHASE / 1-10V / DALI as options



- Visual comfort: cutoff angle up to 40degrees, advanced optic system enable the less glare.
- Aesthetic shape: compact rectangular designs never fail to impressing professionals, frames made of die-cast aluminum with high heat dissipation ability to ensure the stunning lifespan of LEDs, three different sizes for different applications
- Optics: five different beam angle options(narrow, flood, wide flood, sculpture flood)
- Flexibility of Installation: two kinds of installation methods, trimmed and trimless, trimless version allows the lighting project to blend in perfectly with the surrounding architecture. With the ultra shallow depth of only 60mm, LC is suitable for the most difficult void situations such as air conditioning ducts, sprinkler pipes, beams.



The new series is with miniaturised optic, providing high visual comfort, uses the physical principle of pinpoint lamps, generating CIRCULAR light emission. Excellent glare control(UGR<19)

Multiple size, trimmed/trimless performance available

Optics: Reflector & Len

Material: Aluminum Frame & heatsink

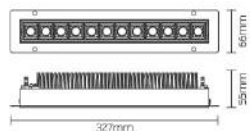
Applications:

Showroom, Gallery, Museum

Hotels, Bars, Restaurants, Shopping centers and retail stores

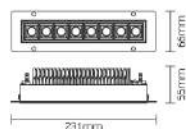
Office and administration buildings, Large architectural structures

MODEL:W13051 LED



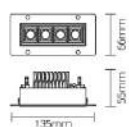
- ⚡ 30W
- 💡 30W: 1420lm
- 🔌 30W: 36V 700mA
- ☀️ Cree
- 🌈 2700K / 3000K / 4000K / 5000K
- 📏 Ra ≥80 / ≥90
- 📐 13° / 29° / 41° / 52° / 16°×36°
- 🔌 Remote electronic power supply
- 🕒 PHASE / 1-10V / DALI as options

MODEL:W12091 LED

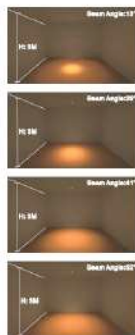


- ⚡ 20W
- 💡 20W: 950lm
- 🔌 20W: 24V 700mA
- ☀️ Cree
- 🌈 2700K / 3000K / 4000K / 5000K
- 📏 Ra ≥80 / ≥90
- 📐 13° / 29° / 41° / 52° / 16°×36°
- 🔌 Remote electronic power supply
- 🕒 PHASE / 1-10V / DALI as options

MODEL:W11131 LED



- ⚡ 10W
- 💡 10W: 490lm
- 🔌 10W: 12V 700mA
- ☀️ Cree
- 🌈 2700K / 3000K / 4000K / 5000K
- 📏 Ra ≥80 / ≥90
- 📐 13° / 29° / 41° / 52° / 16°×36°
- 🔌 Remote electronic power supply
- 🕒 PHASE / 1-10V / DALI as options



LC SERIES <<<

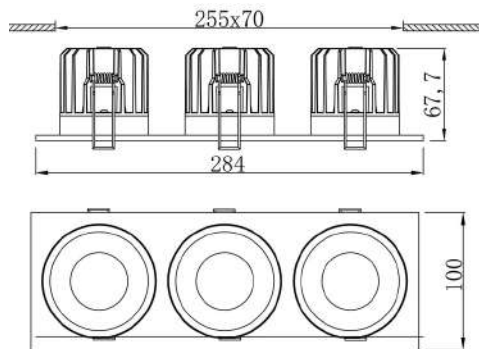
Installation Steps

1. Make a cutout in the ceiling suitable for the fitting.
2. Insert the pre-mounted kit to the ceiling, and fasten it by 4 screws.
3. Plaster ceiling to hide screws and pre-mounted kit.
4. Turn off the power switch.
5. Connect the power wire with the LED power supply, and insert the fitting into the mounted kit, until it locked.
6. Removal or replacement: Use the dismounted device to insert the mini hold on the side, and then pull down carefully.

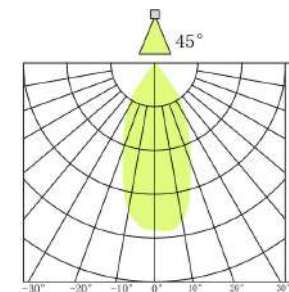
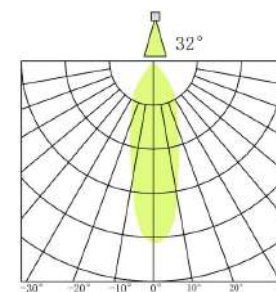
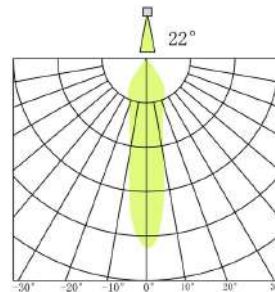


Recessed Triple Spot Downlight for Various Application
 Die-cast Aluminum body includes passive cooling
 Glare control Reflector with maximum luminous
 Deep Recess Lighting technology
 CRI ≥ 80 with less than 22. UGR
 Life Hours 50000
 Customized Driver upon request Dimmable Optional
 Finish Powder Coat White /black

LED Grille Spotlight



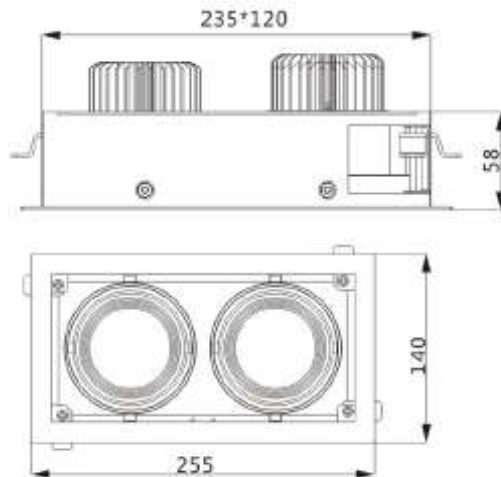
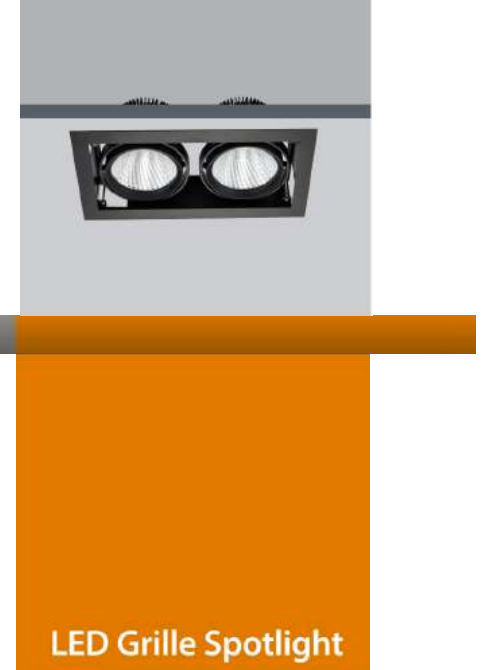
Model	Input	LED Source COB	Power	Kelvin	CRI	Lumens	Optics
LPDA1430CS	Power	BRIDGELUX	2*10W	3000K	>80	1806Lm	22°
LPDA1430CS	220-240VAc		3*10W	4000K 5000K		2709Lm	32° 45°



Driver _____



Recessed Spot & Downlight spot for Various Application
 Die-cast Aluminum body includes passive cooling
 Glare control Faceted Reflector with maximum luminous efficiency with Zhaga Lighting technology
 CRI ≥ 80 with less than 22. UGR
 Life Hours 30000
 Customized LED Chip and Driver upon request
 Finish White Stove Enamel



Model	Input Power	LED Source	Power	Kelvin	CRI	Lumens	Optics
LPG451/2*18	220-240VAc	COB	2*18W	3000K	>82/>90	32400Lm	24°
LPG451/2*25			2*25W	4000K 5000K		4500Lm	36°

