
ARCHITECTURAL LIGHTING COLLECTION



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Prolight series



R e s e a r c h

Research does not only apply to technology. At Clarity is the combination of the commitment, skills, investments as well as the creative nature that come together to develop fixtures that find the right balance between function and design.

T E C H N O L O G Y

Designing a light fixture requires integrated knowledge of optics, thermodynamics, mechanics and electronics, as well as the necessary creativity and good taste to develop design solutions where every aesthetic detail helps to optimize the function.

P r e m i u m Q u a l i t y



clarity
Lighting

Prolight

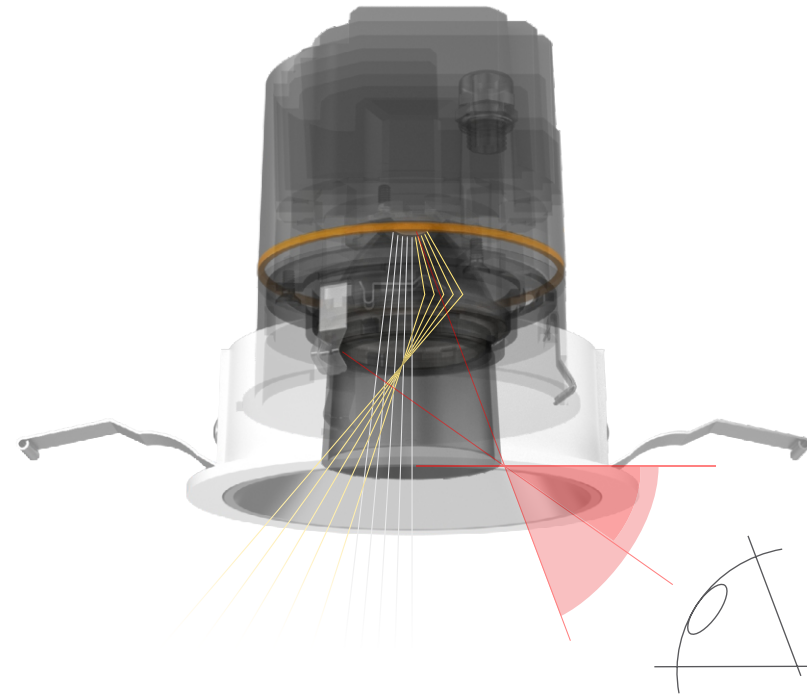
Precise light distribution in three types: general lighting, wallshing and accentuation.

Modular design spot light system.

Varied color for secondary reflector

Anti glare accessories for excellent visual comfort.

Deep anti-glare



Prolight Spot Light Concept:

1. Various Light distributions

- General lighting, wallshing, accentuation suit for specific lighting tasks.
- Precise speckle with four kinds of beam angle: 15°/24°/36°/60°.
- Three kinds of optical assembly: optical glass film/ honeycomb and baffle achieves different kinds of speckle.

2. Multi colors

- 7 colors of reflector and 4 colors of heat sink meet all kinds of decorative style.

3. Eccentric Design

- Eccentric design makes precise speckle via reducing stray light.

4. Heat Dispersion System

- Straight heat sink design achieves high performance of heat dispersion and keeps LED chip working in high lumen and in a long lifetime.

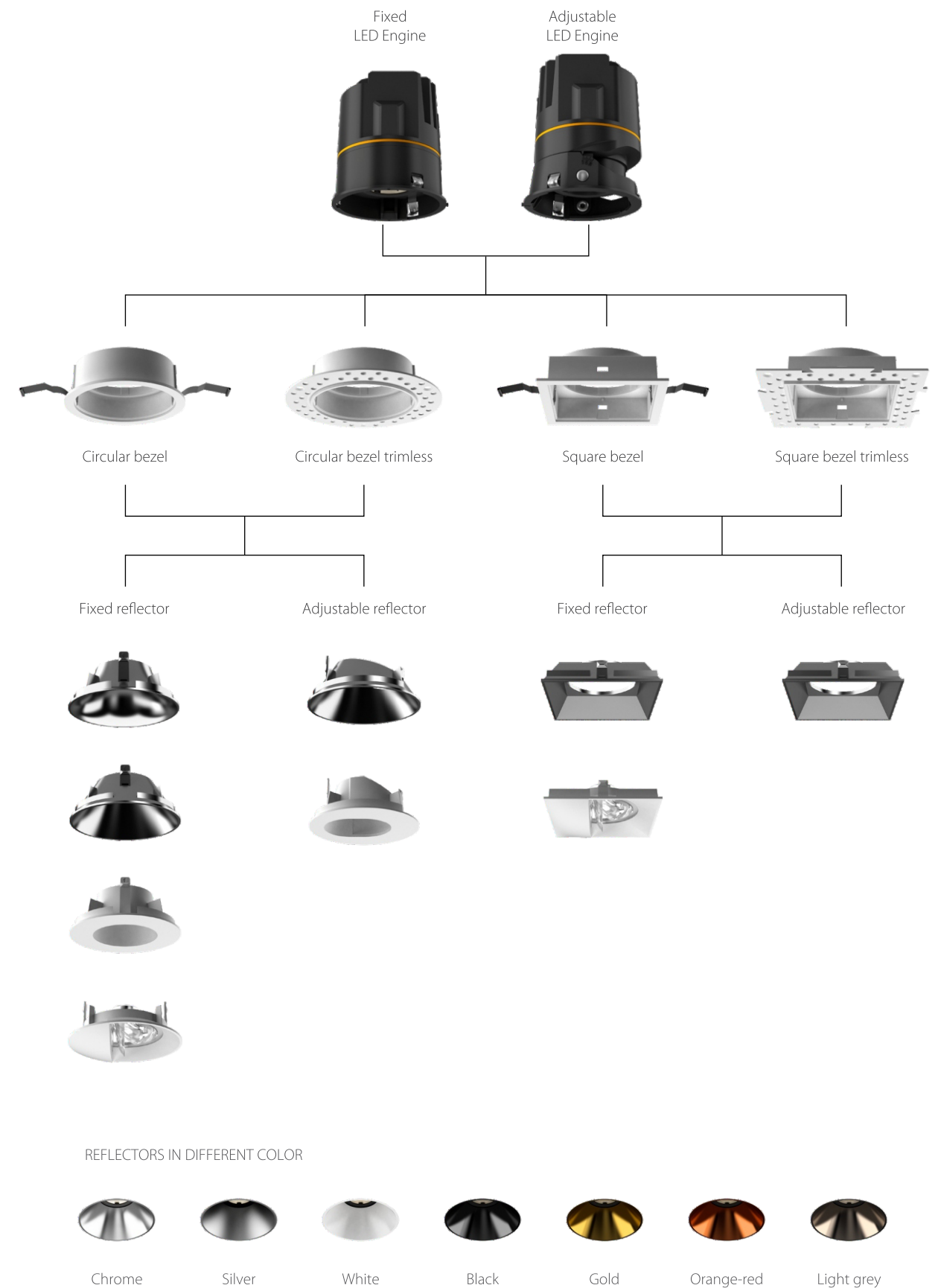
5. Anti Glare

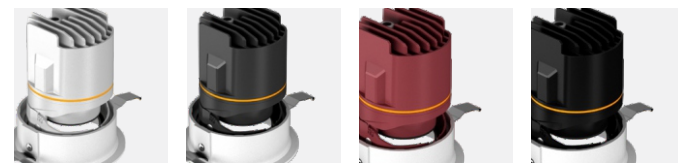
- Led chip is fixed deep inside to create a perfect cutoff angle in 40°.
- Dark light effect achieves UGR<9, reduces discomfort glare and provides better visual effect.

Special characteristics:

High Efficiency	HIGH CRI RA>90	IP20 / IP65	High quality Aluminum
No Radiation	Anti Glare	High Performance heat sink	Long Life time
Suitable for Low Distance	Material in anodization	Precise Speckle	Different Sizes
No Flicker	Perfect Match with ceiling	DIM	Voltage Surge Protection
Easy Installation		High Lux	

Modular Organization





White Grey Wine Black

Self-contained LED engine in four colours with industrial design



- Striped Glass
- Clear Glass
- Frosted Softness
- Honey Comb
- Fixed Ring
- Sleeve

Fliter

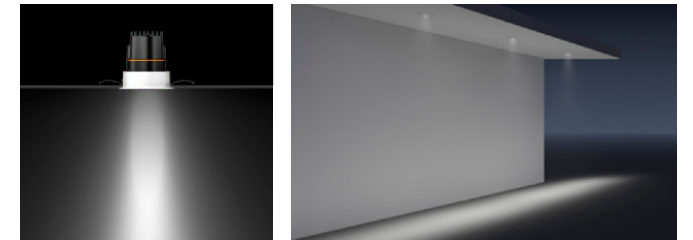
Optional accessories give the design flexibility in combination of different luminaires. Anti-glare sleeve achieves cut-off angle >40°, UGR <6. The lighting tool for perfectly glare-free light from ceiling.

Differentiated light distributions offer freedom of scope in planning individual lighting concepts. Be it for very narrow accentuation, wide beam floodlighting or even wallwashing, XHDG lighting tools have the same light distributions across the range. Downlights and wallwashers are suitable for vertical and horizontal visual tasks, directional luminaires add accents that direct the view. Using a consistent system of distributions gives the designer flexibility in the combination of different luminaires. Light projection enables a targeted control of light, laying the foundation for excellent visual comfort and efficient illumination.

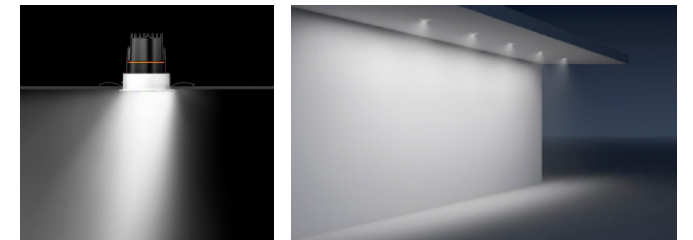
Downlights with extra wide flood light distribution.



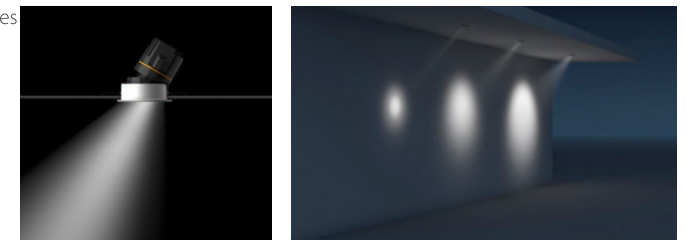
Downlights with oval flood light distribution



Lens wallwashers



Directional luminaires



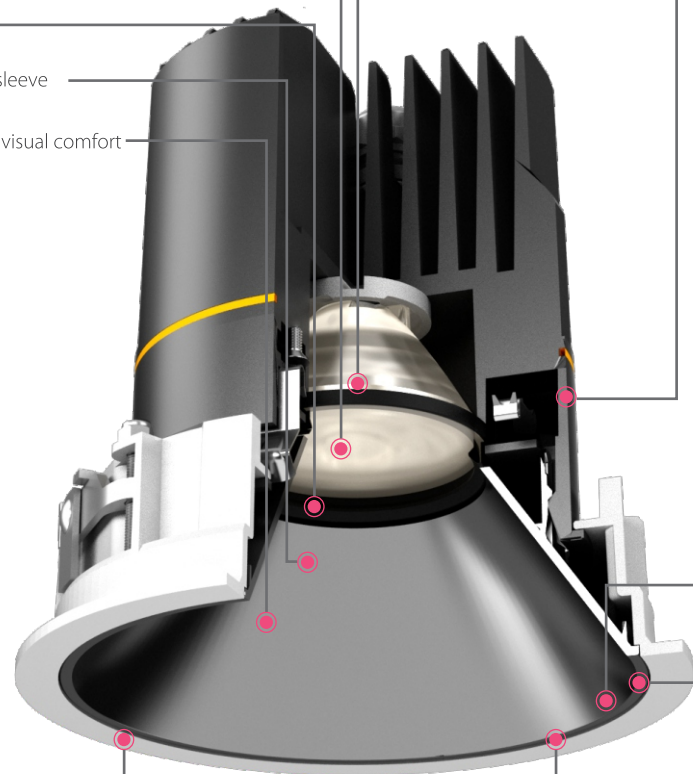
High quality LED: CREE COB CRI>90

Perfect Optical control: 12°/24°/36°/60°

IP20/IP65 protection for LED

Optional accessories: honeycomb/glass/sleeve

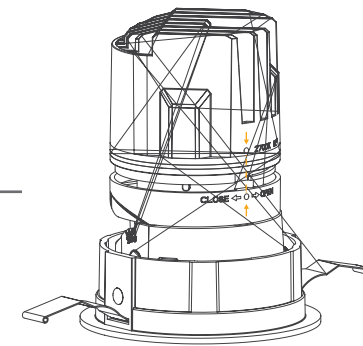
UGR<9, cutoff angle>35° offers excellent visual comfort



Ultra-narrow trim design leaves no flange between the secondary reflector and trim

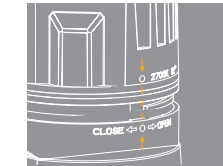


Normal IP rating: IP20
Maximum IP rating: IP65

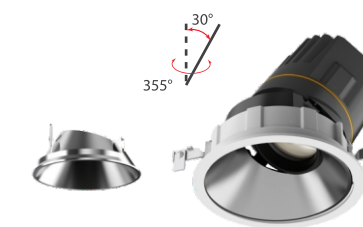


Precise angle alignment

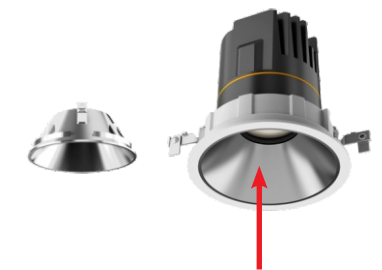
Self-contained led engine will be opened/closed via twist&lock system



One design for fixed or adjustable performance



Standard adjustable reflector with 30° tilt and 355° rotation

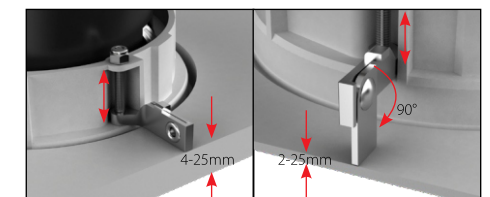


Optional fixed reflector avoids visible ceiling aperture

Advanced ceiling installation



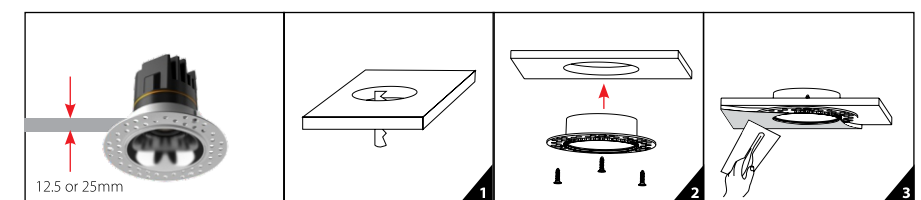
Standard trim



ceiling thickness
4mm to 25mm

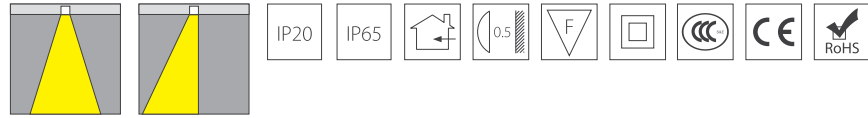
ceiling thickness
2mm to 25mm

Trimless Installation



	Circular Fixed			Circular Adjustable			
Picture							
Secondary reflector	Direct Arc Circular	Direct	Direct Arc	Direct			
Wattage and Luminous lux	7W- 420lm 9W- 540lm 12W- 720lm	15W- 900lm 20W- 1200lm 25W- 1500lm	30W- 1800lm 35W- 2100lm 40W- 2400lm	7W- 420lm 9W- 540lm 12W- 720lm	15W-900lm 20W- 1200lm 25W- 1500lm	30W-1800lm 35W- 2100lm 40W- 2400lm	
Cutout(mm)	Ø75	Ø105	Ø150	Ø75	Ø105	Ø150	
LED Driver	Standard ON-OFF			Option PHASE DIM 1-10V DIM DALI DIM			
Beam angle	15° / 24° / 36° / 60°						
CCT&CRI	2700K / 3000K / 3500K / 4000K RA>90						
Reflector color							
Accessory							

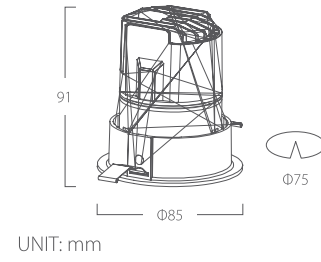
	Square Fixed	Square Adjustable	WallWasher				
Picture							
Secondary reflector	SQUARE		SQUARE				
Wattage and Luminous lux	7W- 420lm 9W- 540lm 12W- 720lm	7W- 420lm 9W- 540lm 12W- 720lm	7W- 420lm 9W- 540lm 12W- 720lm				
Cutout(mm)	75x75	75x75	Ø75	75x75			
LED Driver	Standard ON-OFF		Option PHASE DIM 1-10V DIM DALI DIM				
Beam angle	15° / 24° / 36° / 60°		Wallwasher				
CCT&CRI	2700K / 3000K / 3500K / 4000K RA>90		2700K / 3000K / 3500K / 4000K RA>90				
Reflector color							
Accessory							



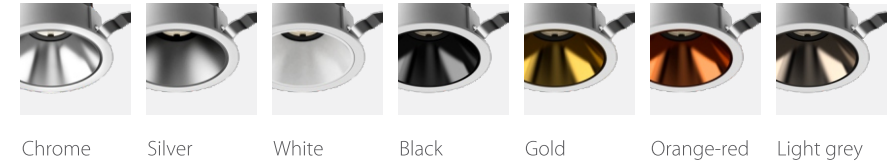
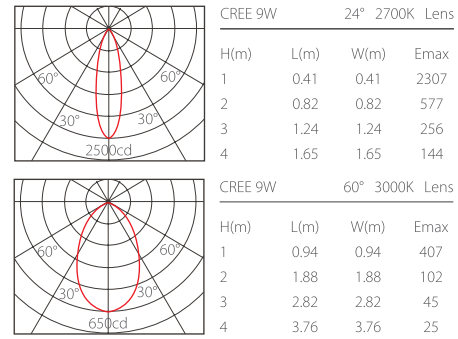
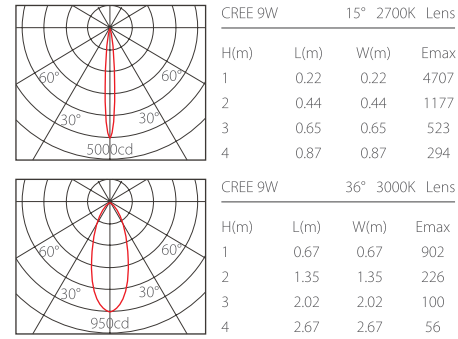
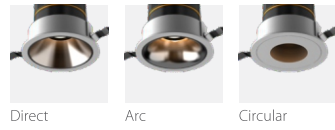
SPECIFICATION

Code: CLPRO-FR09
 Power: 1x9W
 Light Source: LED CREE COB
 CRI: 90+
 CCT: 2700K / 3000K / 3500K / 4000K
 Beam angle: 15° / 24° / 36° / 60°
 Luminous flux: 540 lm
 Cut-out: Ø75mm
 Housing: Aluminum. with painting finishing
 Heat sink: Die-cast aluminum
 Power supply: 36-40V, 200mA

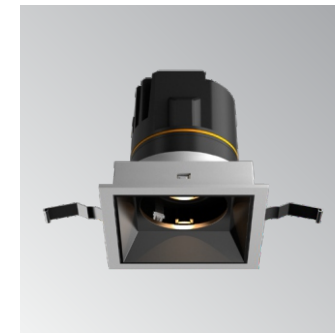
DIMENSIONS



PHOTOMETRIC



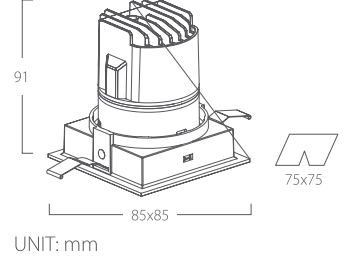
REFLECTORS IN DIFFERENT COLOR



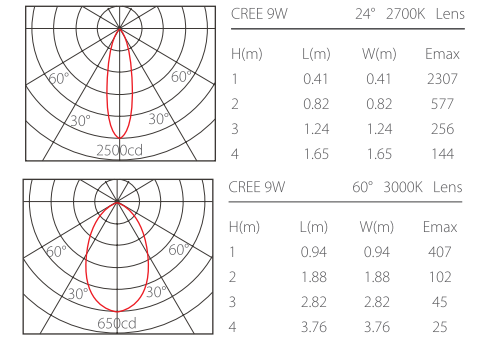
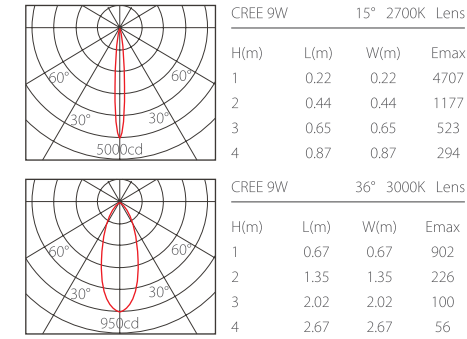
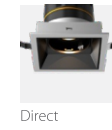
SPECIFICATION

Code: CLPRO-FS09
 Power: 1x9W
 Light Source: LED CREE COB
 CRI: 90+
 CCT: 2700K / 3000K / 3500K / 4000K
 Beam angle: 15° / 24° / 36° / 60°
 Luminous flux: 540 lm
 Cut-out: 75x75mm
 Housing: Aluminum. with painting finishing
 Heat sink: Die-cast aluminum
 Power supply: 36-40V, 200mA

DIMENSIONS



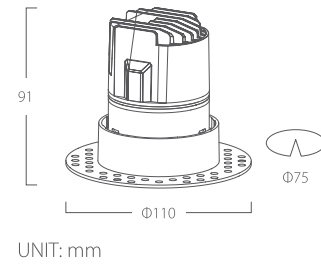
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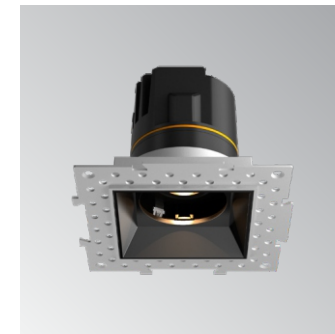
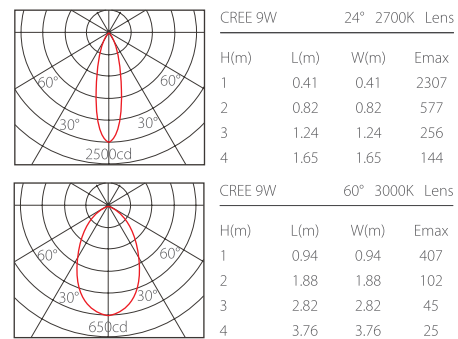
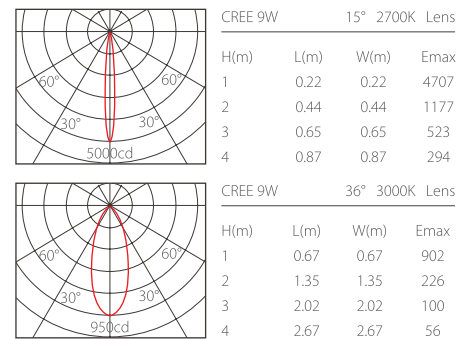
SPECIFICATION

Code: CLPRO-TR09
 Power: 1x9W
 Light Source: LED CREE COB
 CRI: 90+
 CCT: 2700K / 3000K / 3500K / 4000K
 Beam angle: 15° / 24° / 36° / 60°
 Luminous flux: 540 lm
 Cut-out: Ø75mm
 Housing: Aluminum. with painting finishing
 Heat sink: Die-cast aluminum
 Power supply: 36-40V, 200mA

DIMENSIONS



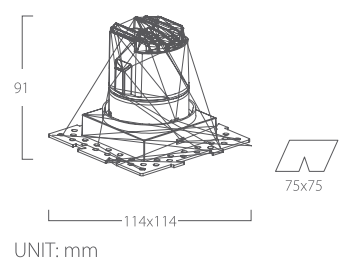
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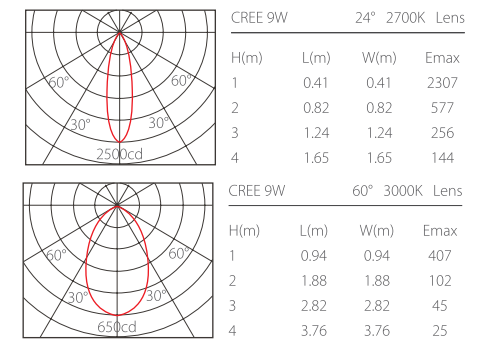
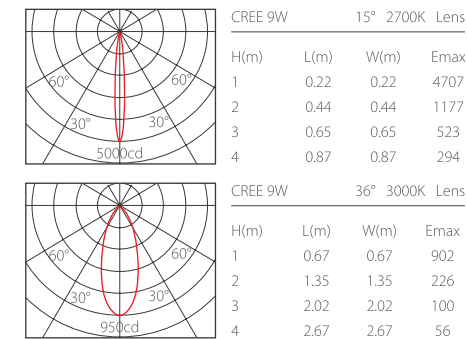
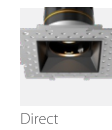
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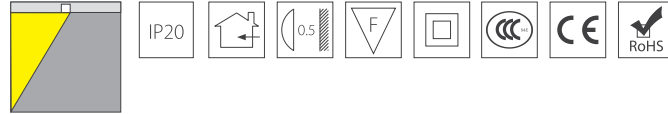
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 Power: 1x9W
 Light Source: LED CREE COB
 CRI: 90+
 CCT: 2700K / 3000K / 3500K / 4000K
 Beam angle: 15° / 24° / 36° / 60°
 Luminous flux: 540 lm
 Cut-out: 75x75mm
 Housing: Aluminum. with painting finishing
 Heat sink: Die-cast aluminum
 Power supply: 36-40V, 200mA

DIMENSIONS



PHOTOMETRIC

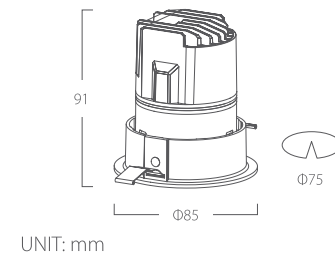




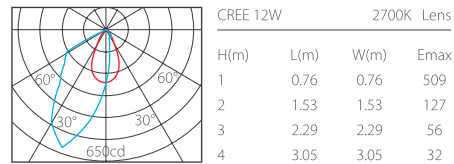
SPECIFICATION

Code: CLPRO-WWR12
 Power: 1x12W
 Light Source: **LED** CREE COB
 CRI: 90+
 CCT: 2700K / 3000K / 3500K / 4000K
 Beam angle: wallwasher
 Luminous flux: 720 lm
 Cut-out: Ø75mm
 Housing: Aluminum. with painting finishing
 Heat sink: Die-cast aluminum
 Power supply: 36-40V, 300mA

DIMENSIONS



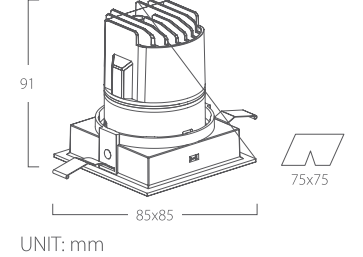
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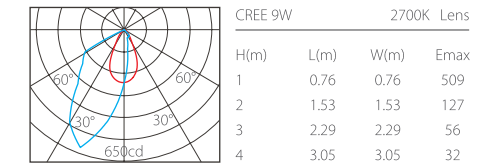
SPECIFICATION

Code: CLPRO-WWS12
 Power: 1x12W
 Light Source: **LED** CREE COB
 CRI: 90+
 CCT: 2700K / 3000K / 3500K / 4000K
 Beam angle: wallwasher
 Luminous flux: 720 lm
 Cut-out: 75x75mm
 Housing: Aluminum. with painting finishing
 Heat sink: Die-cast aluminum
 Power supply: 36-40V, 300mA

DIMENSIONS



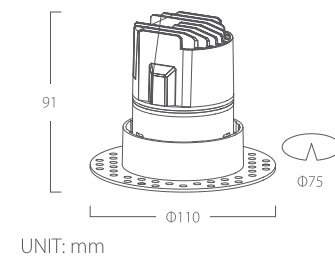
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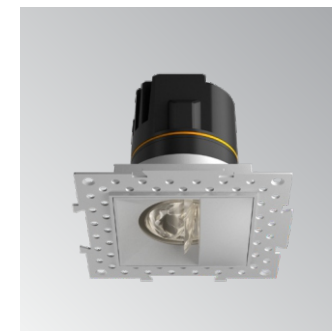
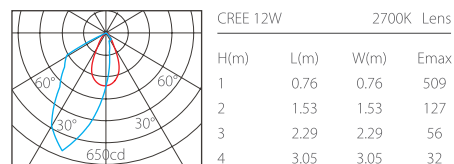
SPECIFICATION

Code: CLPRO-WWTR12
 Power: 1x12W
 Light Source: **LED** CREE COB
 CRI: 90+
 CCT: 2700K / 3000K / 3500K / 4000K
 Beam angle: wallwasher
 Luminous flux: 720 lm
 Cut-out: Ø75mm
 Housing: Aluminum. with painting finishing
 Heat sink: Die-cast aluminum
 Power supply: 36-40V, 300mA

DIMENSIONS



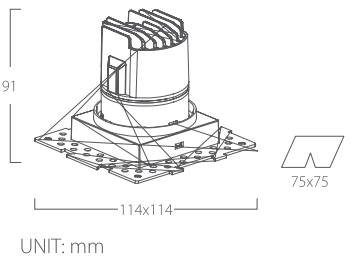
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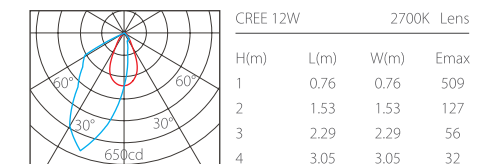
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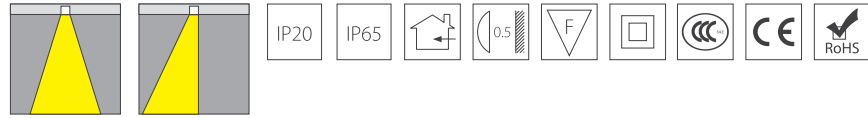
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 Power: 1x12W
 Light Source: **LED** CREE COB
 CRI: 90+
 CCT: 2700K / 3000K / 3500K / 4000K
 Beam angle: wallwasher
 Luminous flux: 720 lm
 Cut-out: 75x75mm
 Housing: Aluminum. with painting finishing
 Heat sink: Die-cast aluminum
 Power supply: 36-40V, 300mA

DIMENSIONS



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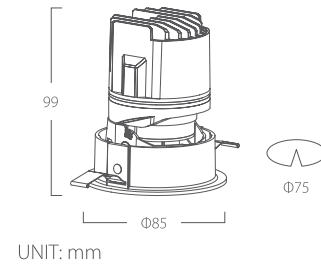




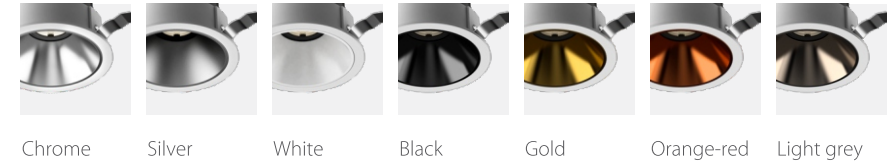
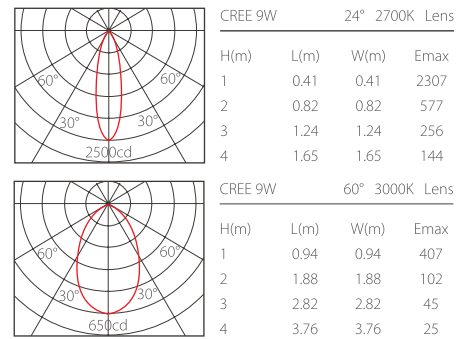
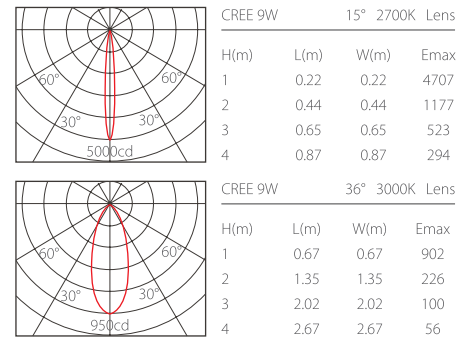
SPECIFICATION

Code: CLPRO-AR09
 Power: 1x9W
 Light Source: **LED** CREE COB
 CRI: 90+
 CCT: 2700K / 3000K / 3500K / 4000K
 Beam angle: 15° / 24° / 36° / 60°
 Luminous flux: 540 lm
 Cut-out: Ø75mm
 Housing: Aluminum. with painting finishing
 Heat sink: Die-cast aluminum
 Power supply: 36-40V, 200mA

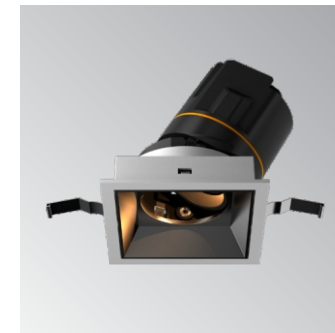
DIMENSIONS



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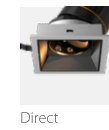
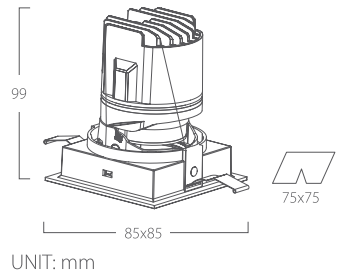
REFLECTORS IN DIFFERENT COLOR



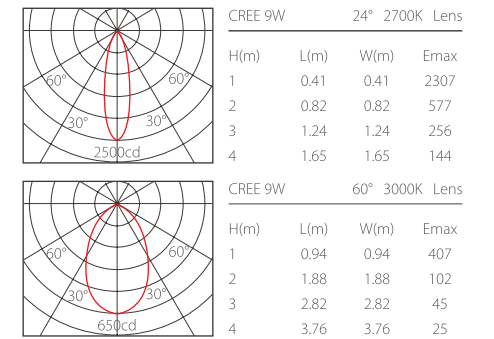
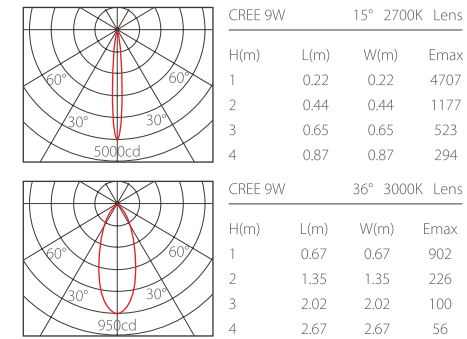
SPECIFICATION

Code: CLPRO-AS09
 Power: 1x9W
 Light Source: **LED** CREE COB
 CRI: 90+
 CCT: 2700K / 3000K / 3500K / 4000K
 Beam angle: 15° / 24° / 36° / 60°
 Luminous flux: 540 lm
 Cut-out: 75x75mm
 Housing: Aluminum. with painting finishing
 Heat sink: Die-cast aluminum
 Power supply: 36-40V, 200mA

DIMENSIONS



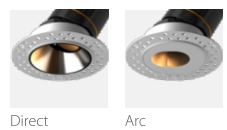
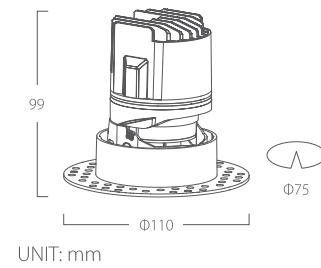
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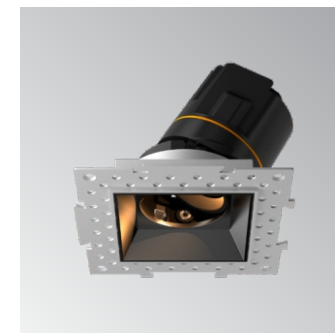
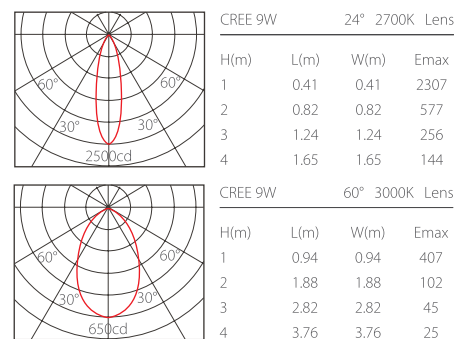
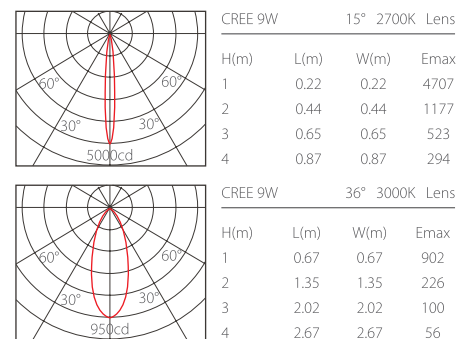
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Code: CLPRO-TAR09
 Power: 1x9W
 Light Source: **LED** CREE COB
 CRI: 90+
 CCT: 2700K / 3000K / 3500K / 4000K
 Beam angle: 15° / 24° / 36° / 60°
 Luminous flux: 540 lm
 Cut-out: Ø75mm
 Housing: Aluminum. with painting finishing
 Heat sink: Die-cast aluminum
 Power supply: 36-40V, 200mA

DIMENSIONS



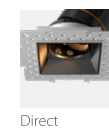
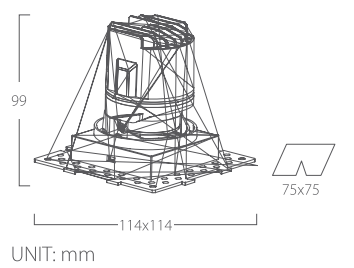
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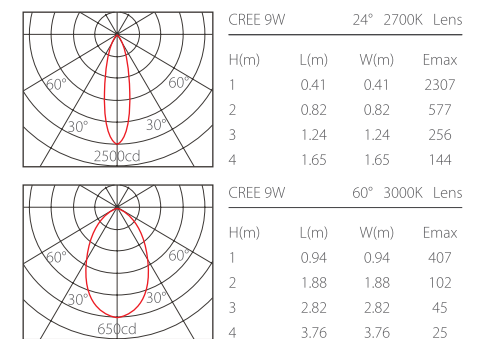
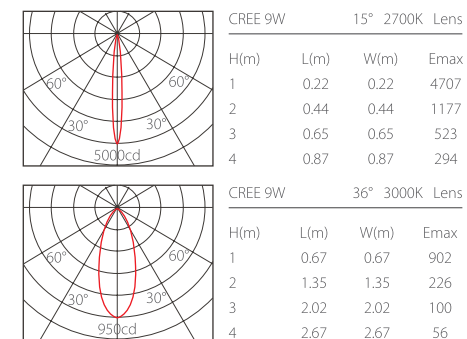
SPECIFICATION

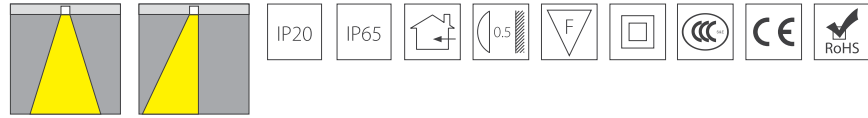
Code: CLPRO-TAS09
 Power: 1x9W
 Light Source: **LED** CREE COB
 CRI: 90+
 CCT: 2700K / 3000K / 3500K / 4000K
 Beam angle: 15° / 24° / 36° / 60°
 Luminous flux: 540 lm
 Cut-out: 75x75mm
 Housing: Aluminum. with painting finishing
 Heat sink: Die-cast aluminum
 Power supply: 36-40V, 200mA

DIMENSIONS



PHOTOMETRIC

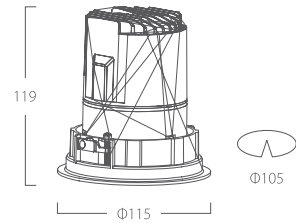




SPECIFICATION

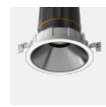
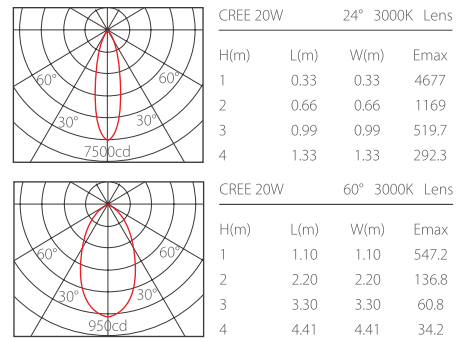
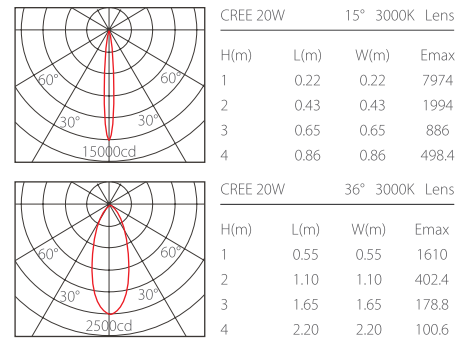
Code: CLPRO-FR20
 Power: 1x20W
 Light Source: **LED** CREE COB
 CRI: 90+
 CCT: 2700K / 3000K / 3500K / 4000K
 Beam angle: 15° / 24° / 36° / 60°
 Luminous flux: 1200 lm
 Cut-out: Ø105mm
 Housing: Aluminum. with painting finishing
 Heat sink: Die-cast aluminum
 Power supply: 36-40V, 500mA

DIMENSIONS



UNIT: mm

PHOTOMETRIC



Direct



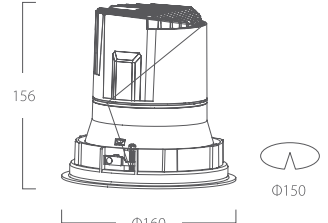
REFLECTORS IN DIFFERENT COLOR



SPECIFICATION

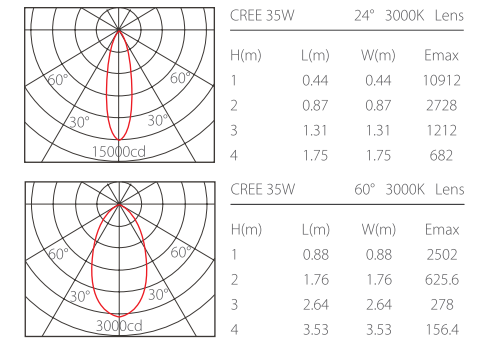
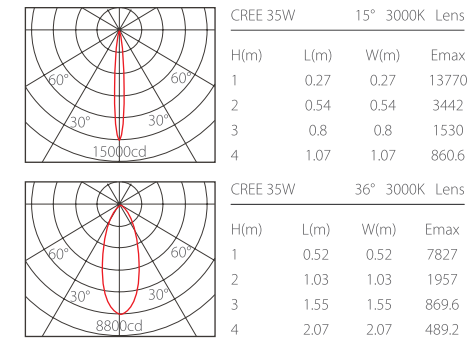
Code: CLPRO-FR35
 Power: 1x35W
 Light Source: **LED** CREE COB
 CRI: 90+
 CCT: 2700K / 3000K / 3500K / 4000K
 Beam angle: 15° / 24° / 36° / 60°
 Luminous flux: 2100 lm
 Cut-out: Ø150mm
 Housing: Aluminum. with painting finishing
 Heat sink: Die-cast aluminum
 Power supply: 36-40V, 800mA

DIMENSIONS



UNIT: mm

PHOTOMETRIC



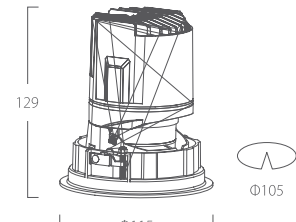
Direct



SPECIFICATION

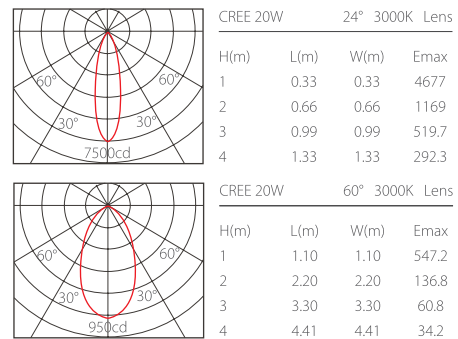
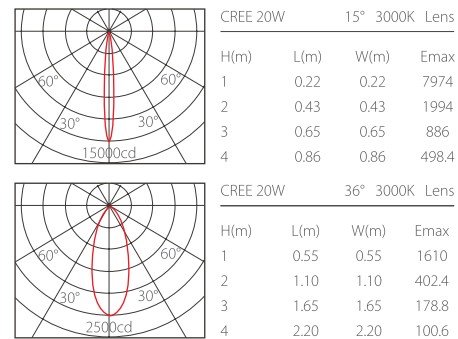
Code: CLPRO-AR20
 Power: 1x20W
 Light Source: **LED** CREE COB
 CRI: 90+
 CCT: 2700K / 3000K / 3500K / 4000K
 Beam angle: 15° / 24° / 36° / 60°
 Luminous flux: 1200 lm
 Cut-out: Ø105mm
 Housing: Aluminum. with painting finishing
 Heat sink: Die-cast aluminum
 Power supply: 36-40V, 500mA

DIMENSIONS



UNIT: mm

PHOTOMETRIC



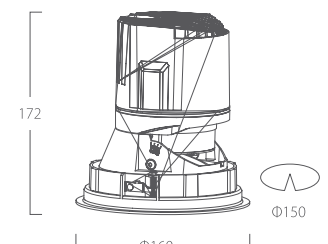
Direct



SPECIFICATION

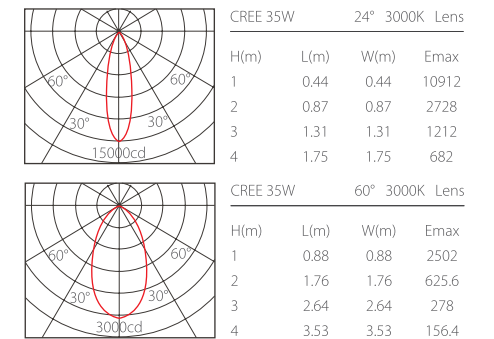
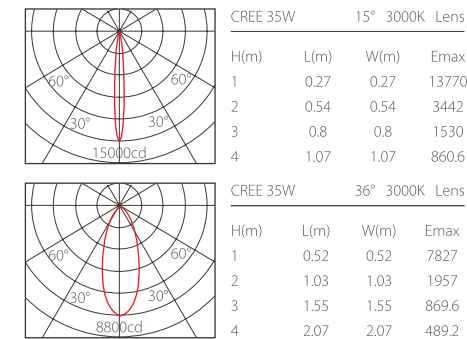
Code: CLPRO-AR35
 Power: 1x35W
 Light Source: **LED** CREE COB
 CRI: 90+
 CCT: 2700K / 3000K / 3500K / 4000K
 Beam angle: 15° / 24° / 36° / 60°
 Luminous flux: 2100 lm
 Cut-out: Ø150mm
 Housing: Aluminum. with painting finishing
 Heat sink: Die-cast aluminum
 Power supply: 36-40V, 800mA

DIMENSIONS



UNIT: mm

PHOTOMETRIC



Direct



your ideas, our craft

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