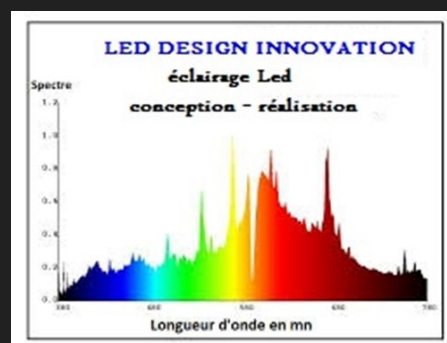


PROFESSIONAL LED LIGHTING SOLUTIONS PROVIDER FOR
COMMERCIAL SITES, HOSPITALITY & RESIDENTIAL SPACES,
MUSEUMS & GALLERIES, AND OFFICES.

www.led-design-innovation.com



DOWNLIGHT SYSTEM
2023-2024 EDITION

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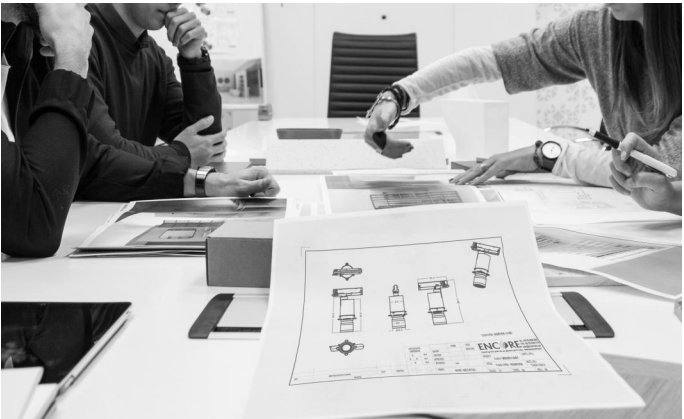
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Design And Technology



R&D Lab

Warehouse



Work Shop



FEATURES



SAFE-DATA TRANSMISSION

Cellphone or dimmer connect directly with luminaire without gateway.



DMX512 Control

DMX512 protocol supported to control numerous luminaires in a group.



WIDE CCT RANGE

Precise CCT adjustable from a wide selection of 1000K to 10000K.



CUSTOM COLOR

Over 16 million color options to create custom colors for special events and accents as needed.



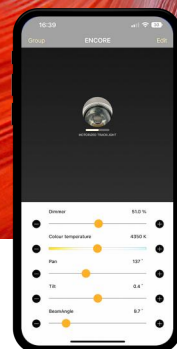
DYNAMIC LIGHT SCENES

It has preset dynamic light modes that rotate through color combinations that create an immersive experience.



CUSTOM CONTROL

Feel and sleep better with the circadian rhythm option, which slowly transitions lighting from morning to night.



COMPLETE PRODUCT LINE AND LIGHTING SOLUTIONS

Our strength in R&D has enabled us to develop complete range of product line that ideally fit into interior space everywhere from retail, commercial, hotel, gallery to high ceilings, supported by superb luminaires features modular, family and tiny design with complete lighting solutions of narrow beam, wall wash and custom lighting for any need.

WIDE RANGE APPLICATIONS



High Ceiling Applications



Mid-low Altitude Ceiling Applications



DESIGN DOWNLIGHT IN A SYSTEM



Super Modular Design

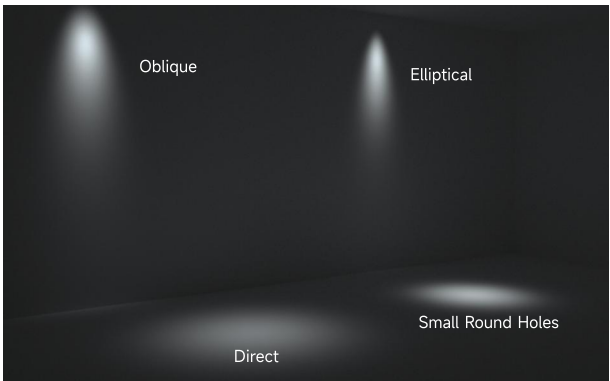


Mini Size

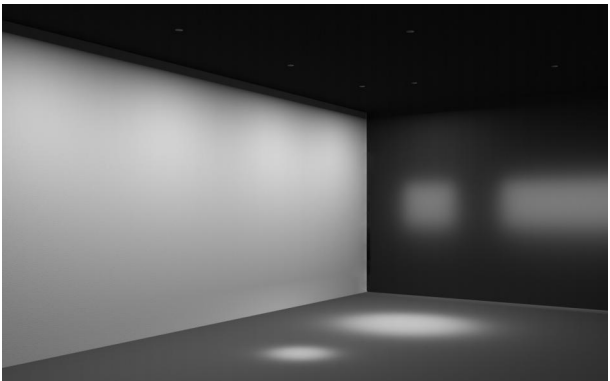


MR16(GU10) Replacement

COMPLETE LIGHTING SOLUTIONS



Precise Light Control

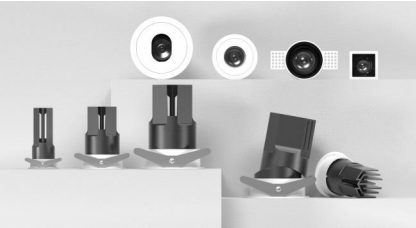
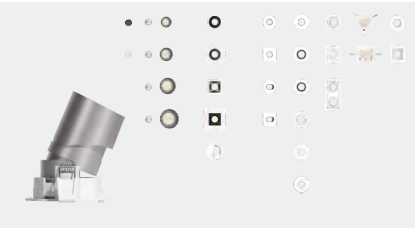


























































Various Lighting Solutions



MODULAR DESIGN

OVERVIEW

	<div>DELLA</div> <div>MINI DOWNLIGHT SYSTEM</div> <div>NEW</div> <div></div>	<div>ELLA</div> <div>DOWNLIGHT SYSTEM</div> <div></div>	<div>AVA MR16(GU10)</div> <div>MODULAR DOWNLIGHT SYSTEM</div> <div></div>	<div>GALAXY</div> <div>DOWNLIGHT</div> <div></div>
Product Category	<div>Standard</div> <div></div> <div>Round</div> <div>Square</div> <div>Wall Washer</div> <div>Premium</div> <div>Comming soon...</div> <div>Designer</div> <div>Comming soon...</div>	<div>Hotel</div> <div></div> <div>Round</div> <div>Square</div> <div>Wall Washer</div> <div>NEW</div> <div>Residential</div> <div></div> <div>Round</div> <div>Square</div> <div>Commercial</div> <div></div> <div>Round</div> <div>Square</div> <div>Deep Anti-glare</div> <div></div> <div>Round</div> <div>Square</div>	<div>Hotel</div> <div></div> <div>Round</div> <div>Residential</div> <div></div> <div>Spot</div> <div>Standard</div> <div>Deep Frame</div> <div>Narrow Trim</div> <div>Commercial</div> <div></div> <div>Round</div> <div>Square</div>	<div></div> <div>4" Aperture</div> <div>5" Aperture</div> <div>6" Aperture</div> <div>NEW</div>
Lighting Solution	<div>Narrow Beam: 10°</div> <div>Standard: 15°, 24°, 36°, 50°</div> <div>Wall Washing</div>	<div>Standard: 15°, 24°, 38°, 55°</div> <div>Wall Washing</div>	<div>Narrow Beam: 8°, 10°</div> <div>Standard: 15°, 24°, 38, 50°</div>	<div>Standard: 24°, 38°, 60°</div>
Wattage & Luminous Flux	<div>1.25": 5W-8W 352-562lm</div> <div>2": 8W-10W 561-701lm</div> <div>3": 10W-18W 852-1530lm</div>	<div>2": 5W-8W 326-519lm</div> <div>3": 10W-15W 920-1248lm</div> <div>4": 20W-25W 1860-2182lm</div> <div>5": 25W-35W 2279-3146lm</div>	<div>AM504 : 5W-8W 444-727lm</div> <div>AM506 : 10W-15W 889-1348lm</div> <div>AM507 : 5W-8W 395-632lm</div>	<div>4" : 20W-25W 1694-2190lm</div> <div>5" : 30W-35W 1694-2190lm</div> <div>6" : 40W-45W 3828-4363lm</div>
Light Color	<div>Static White: 2700K, 3000K, 3500K, 4000K</div> <div>Tunable White: 2700K-4000K</div> <div>Dim-to Warm: 1800K-3000K</div> <div>Full Spectrum: RGBCW</div>	<div>Static White: 2700K, 3000K, 3500K, 4000K</div> <div>Tunable White: 2700K-6000K</div> <div>Dim-to Warm: 2000K-3000K</div> <div>Full Spectrum: RGBCW</div>	<div>Static White: 2700K, 3000K, 4000K</div> <div>Dim-to Warm: 1800K-3000K</div> <div>Full Spectrum: RGBCW</div>	<div>Static White: 2700K, 3000K, 4000K, 5000K</div> <div>Tunable White: 2700K-5000K</div> <div>Full Spectrum: RGBCW</div>
Dimming Control	<div>On-off, 0/1-10V, DALI, TRIAC, CASAMBI</div>	<div>On-off, 0/1-10V, DALI, TRIAC, CASAMBI</div>	<div>On-off, 0/1-10V, DALI, TRIAC, CASAMBI</div>	<div>On-off, 0/1-10V, DALI, TRIAC, CCT Switch, CASAMBI</div>
Optical Accessories	<div></div> <div>Honeycomb</div> <div>Square lens</div> <div>Polarized lens</div> <div>Soft lens</div> <div>Transparent lens</div>	<div></div> <div>Honeycomb</div> <div>Soft lens</div>	<div></div> <div>Honeycomb</div> <div>Soft lens</div>	<div>/</div>
Certification	<div></div>	<div></div>	<div></div>	<div></div>

DELLA

Mini Downlight System

DELLA Downlight Series: a fusion of sleek design and advanced technology. Categorized into 3 version of Designer, Premium, and Standard. With sizes from 1.25" to 4", its versatility is matched by optical ranges from a sharp 8° to a wide 50°, supplemented by wall-washing and zoom functions. DELLA offers a selection of bezels, including trim or trimless, squares, and minimalist small openings, it can be fixed or adjustable with clear measurement.

With its modular structure for flexibility, superior light quality and lower UGR for visual comfort, DELLA exemplifies modern downlight excellence.



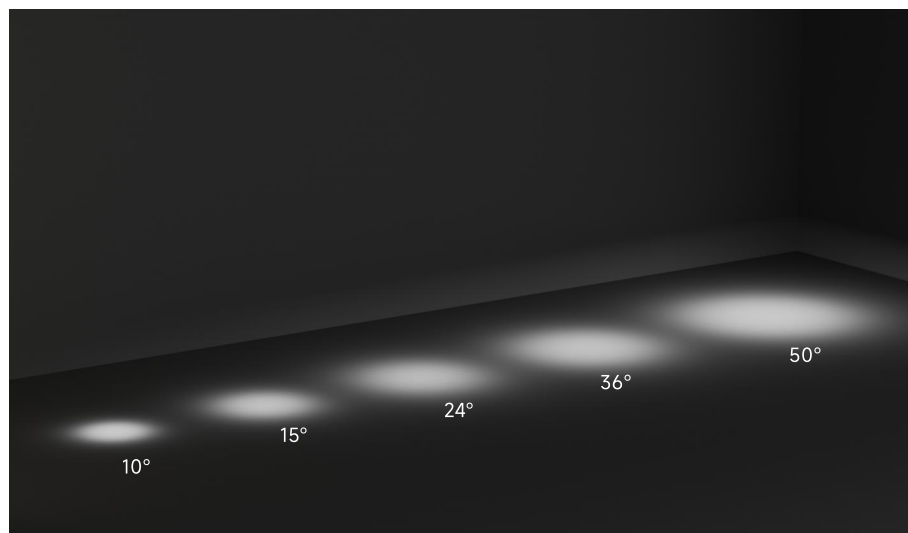
REMODEL



NEW CONSTRUCTION

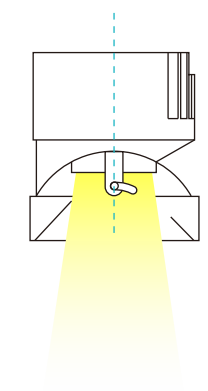
• 5 Beam Angle

Available in 10°, 15°, 24°, 36° and 50° beam angles, DELLA downlight allows enough flexibility for you to choose from accent lighting, flood lighting or general lighting no matter for small objects or big walls.

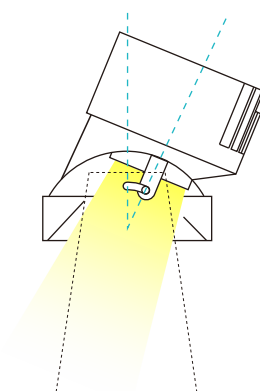


• Full Light Distribution

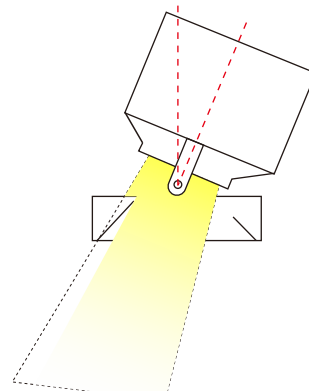
The adjustment is always at pivot of light center to avoid being blocked for full distribution.



DELLA Direct Lighting
(100% efficiency)



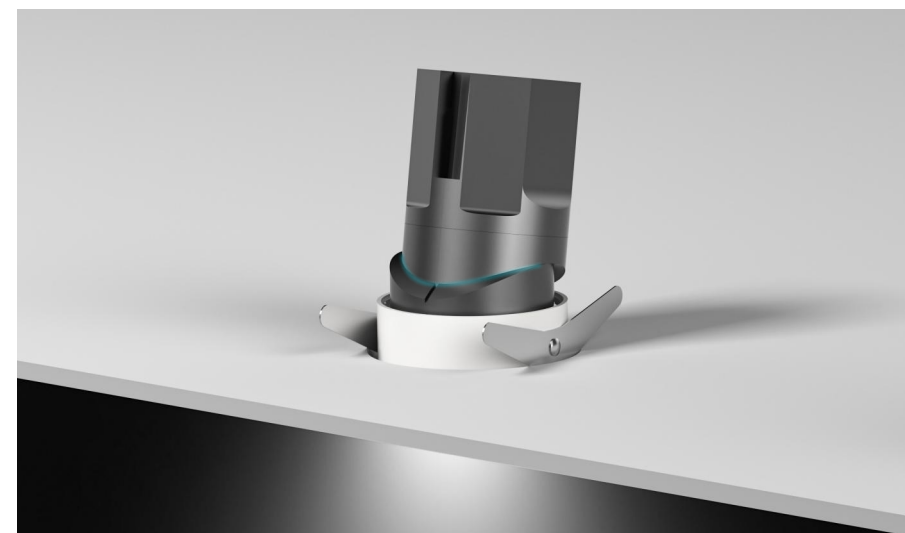
DELLA Adjustment
(100% efficiency)



Other Luminaires
(70-80% efficiency)

• Fully Enclosed Design

To ensure highest efficiency of distribution without light leakage even at tilt.



• Precise Adjustment With Scale

The light is precisely adjustable with scale to every 1°.





LED Module



Optical Accessories



Honeycomb



Square lens



Polarized lens



Soft lens



Transparent lens

Middle Ring



Fixed & Adjustable



Trim



Round Trim



Round Trimless



Square Trim



Square Trimless

Interchangeable Secondary Reflector



Secondary Reflector Round



Secondary Reflector Square



Round Pinhole



Oval Pinhole

Modular Design

DELLA's LED engine is designed with modular concept, everything is interchangeable except COB, support free DIY on optical lens and accessories. You can easily get a brand new luminaire by a quick and simple snap on of the LED module + mounting ring without any tools.

Humanized modular design ensures fast delivery and low stock management cost.

Mini Size Big Power

Mini in size but powerful in wattage thanks to its high efficient convective heat dissipation design.



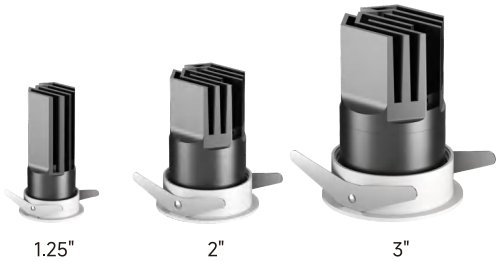
Pull Ring Design (Foldable)

No more hard work, pull out led engine in second.





DELLA



MAIN FEATURES

- Excellent ventilation design enable smaller size and bigger power.
- Newest tiny 1.25" for max 8W.
- Locking point and marker for precise adjustment.
- Ultra low glare UGR<6 for visual comfort.
- Seamless configuration without light leak.
- Complete lighting solutions include wall washer, pinhole, narrow to flood beam.

Input Wattage 5W-8W (1.25"), 8-10W (2"), 10W-18W(3")	Delivered Lumens 352-562lm (5W-8W), 561-701lm (8W-10W), 852-1530lm (10W-18W)
Input Voltage 220-240V / 120V / 277V input, 50-60Hz	Light Color Static White: 2700K, 3000K, 3500K, 4000K Tunable White: 2700K-4000K Dim-to Warm: 1800K-3000K Full Spectrum: RGBCW
Power Factor Greater than 0.9	Color Quality CRI ≥ 90, 2 SDCM
Dimming Control On-off, 0/1-10V, DALI, TRIAC, CASAMBI	Beam Optics <div><div><div>10° Narrow Spot</div><div>15°, 24° Spot</div><div>36° Flood</div></div><div><div>50° Wide Flood</div></div></div>
Ambient Operating Temperature -20°C to 40°C	Optical Accessories <div><div>Honeycomb</div><div>Square lens</div><div>Polarized lens</div><div>Soft lens</div><div>Transparent lens</div></div>
Ceiling Thickness <div><div><div>5mm-20mm</div><div>Butterfly Clip</div></div></div>	Secondary Reflector <div><div>Black</div><div>Bright silver</div><div>Matt silver</div><div>Gold</div></div>
Warranty 5 year limited warranty	Lumen Maintenance 50000h@80%(L80)

- Approximate lumen output based on 3000K CRI90 performance.
Pls send email to sales@encore-tech.com to get product specification and photometric test report.

TRIM FOR DELLA 1.25" APERTURE



Round



Square

TRIM FOR DELLA 2" / 3" APERTURE



Round



Square



Round Pinhole



Oval Pinhole



Round Trimless



Square Trimless

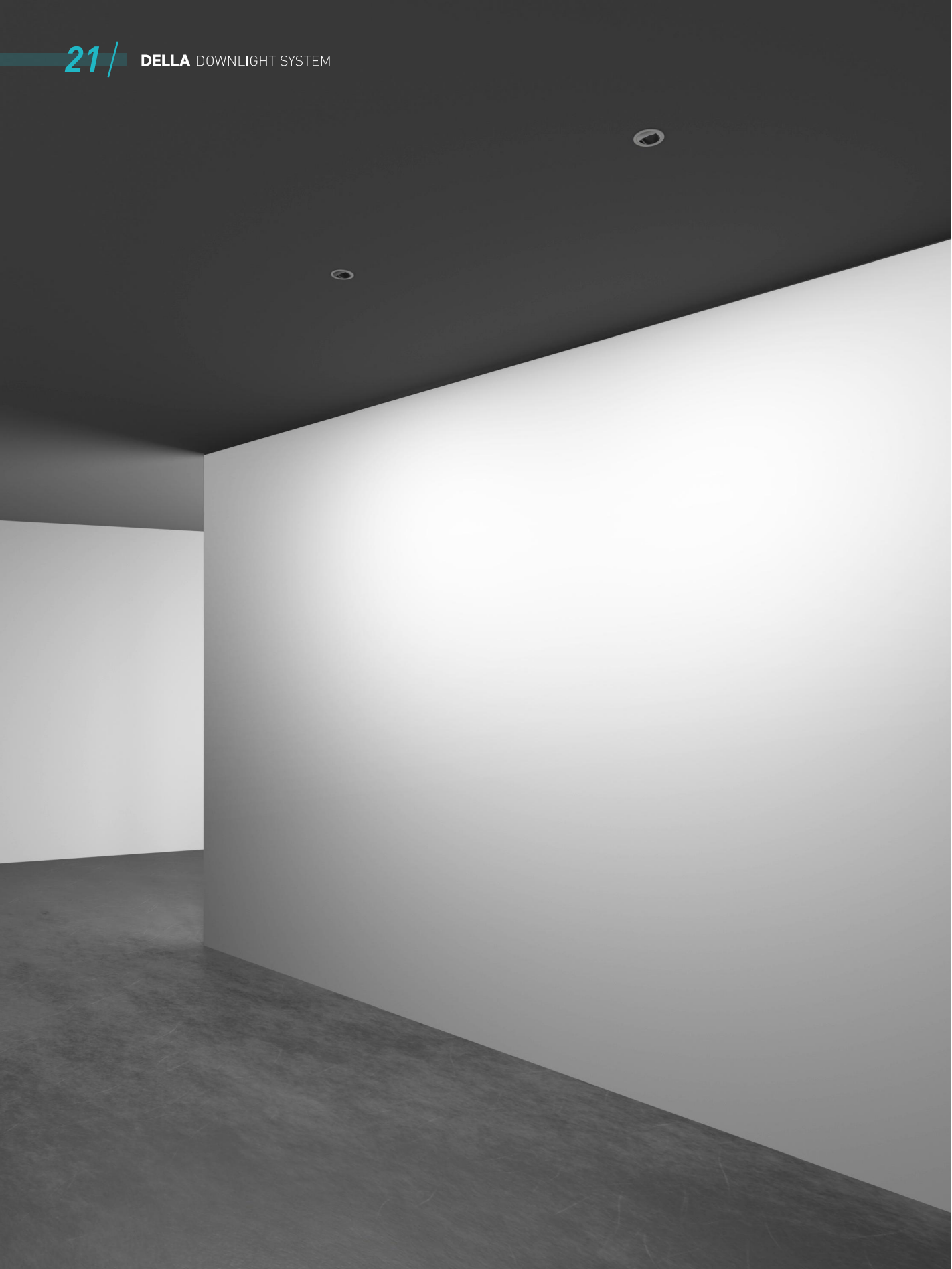


Round Pinhole Trimless

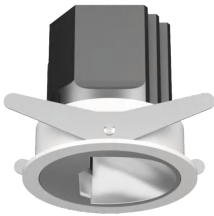


Oval Pinhole Trimless





DELLA-Wall Washer

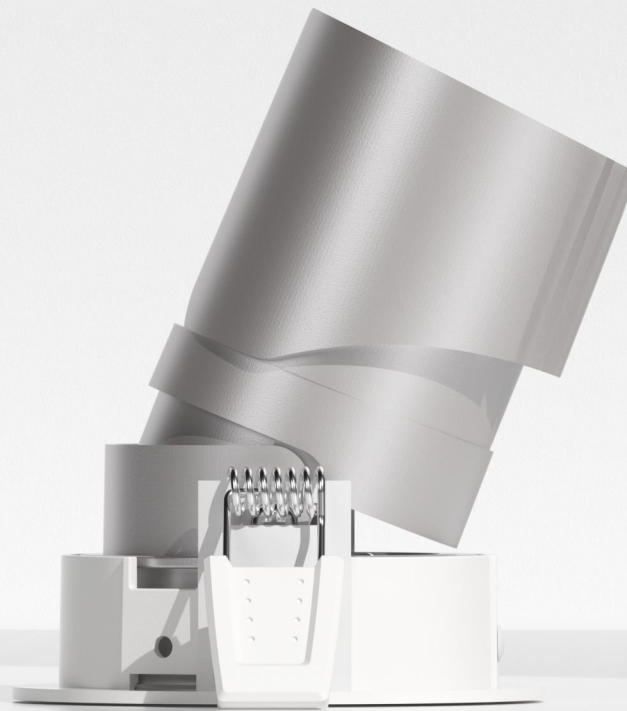


MAIN FEATURES

- Superbly engineered Optics for unparalleled uniform illumination of surfaces.
- Smooth and even light distribution without dark area.
- Distribute most light uniformly on wall instead of spreading too much on floor.
- Excellent low glare for visual comfort.

Input Wattage 10W-12W	Delivered Lumens 602-716lm
Input Voltage 220-240V / 120V / 277V input, 50-60Hz	Light Color Static White: 2700K, 3000K, 3500K, 4000K Tunable White: 2700K-4000K Full Spectrum: RGBCW
Power Factor Greater than 0.9	Color Quality CRI ≥ 90, 2 SDCM
Dimming Control On-off, 0/1-10V, DALI, TRIAC, CASAMBI	Beam Optics <div><div></div> Wall Washing</div>
Ambient Operating Temperature -20°C to 40°C	Optical Accessories None
Ceiling Thickness <div><div></div> 5mm-20mm Butterfly Clip</div>	Suggested Spacing And Wall Distance <div><div></div><div>Suggested Spacing: 1.2m(±0.1m)</div><div>Wall Distance: 1m</div></div>
Warranty 5 year limited warranty	Lumen Maintenance 50000h@80%(L80)

- Approximate lumen output based on 3000K CRI90 performance,
Pls send email to sales@encore-tech.com to get product specification and photometric test report.



**Super
Modular
Design
Brings
Infinite
Possibilities!**

ELLA Downlight System

ELLA is the latest evolution of VILLA downlight system. In addition to aesthetic design, precise light control and great UGR, the versatility of ELLA, underwritten by its compact format and super modular design, one LED Module shares numerous mounting rings, display particular strength in hotels, residential, or any indoor commercial environments. Round as well as square designs with adjustable and fixed options, in various wattages enable nuanced adaptations to different needs.



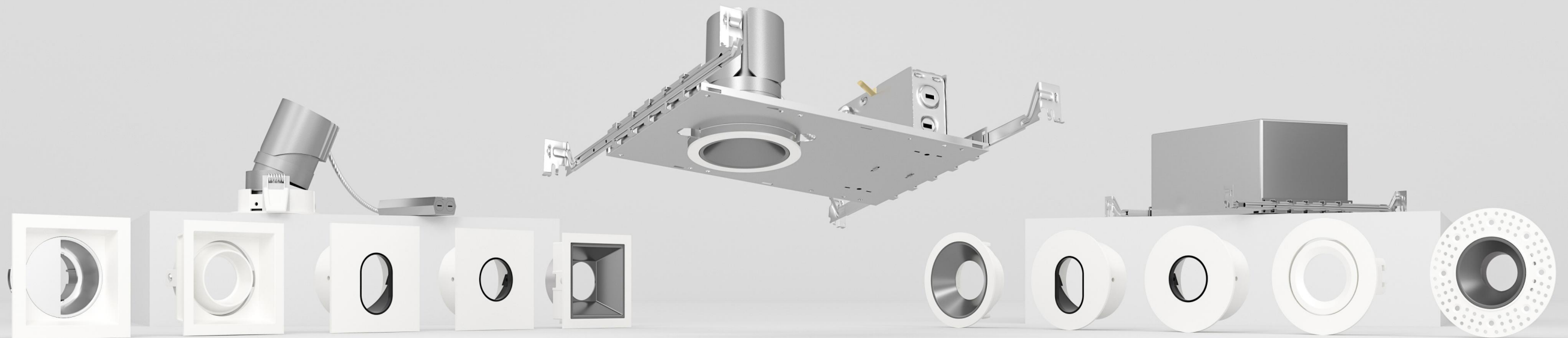
REMODEL



NEW CONSTRUCTION



IC RATED

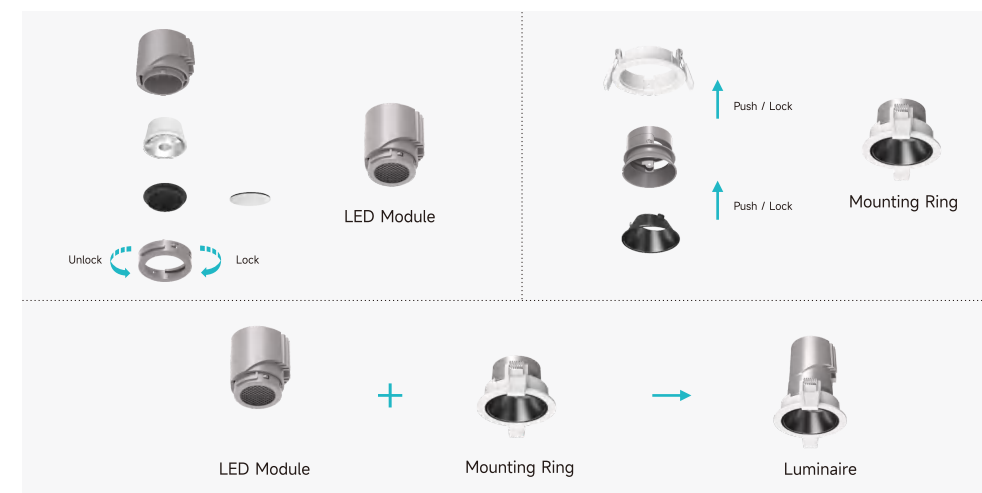


**ETL Listed Recessed Downlight,
Perfect Lighting Solutions**
for New Construction, Retrofit and Remolding



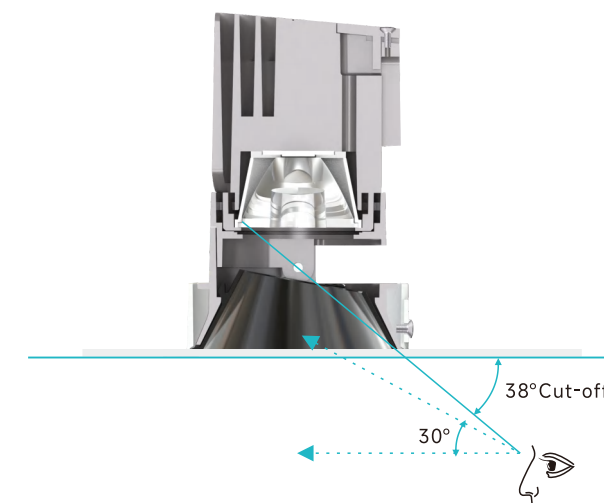
Modular Design

One LED Module can fit numerous mounting rings!
Any parts could be replaced manually without tools.



Anti-glare & Accessories

In the glare free angle, there is no direct view of the LED and the visible part of the reflector produces practically no glare at all. This zone offers very high visual comfort.



Honeycomb filter and soft lens can be added to provide maximum visual comfort.














ELLA-2" Aperture



MAIN FEATURES

- Elegant & compact in its style, versatile in its using.
- Precise light control, 15°, 24°, 38°, 55° beam lens options.
- Interchangeable different color secondary reflectors for anti-glare and decorative function.
- Super modular design, replacing LED module, mounting ring, beam lens, honeycomb filter and secondary reflectors without any needs for tools.
- 355° rotation and 30° tilt.
- Anti-glare accessories provide maximum visual comfort.
- Service the LED optics and Driver from above the ceiling.

Input Wattage 5W-8W	Delivered Lumens 326-519lm
Input Voltage 220-240V / 120V / 277V input, 50-60Hz	Light Color Static White: 2700K, 3000K, 3500K, 4000K Tunable White: 2700K-6000K Dim-to Warm: 2000K-3000K Full Spectrum: RGBCW
Power Factor Greater than 0.9	Color Quality CRI ≥ 90, 2 SDCM
Dimming Control On-off, 0/1-10V, DALI, TRIAC, CASAMBI	Beam Optics <div><div> 15°, 24° Spot</div><div> 38° Flood</div><div> 55° Wide Flood</div></div>
Ambient Operating Temperature -20°C to 40°C	Optical Accessories <div><div> Honeycomb</div><div> Soft lens</div></div>
Ceiling Thickness <div><div> 1mm-20mm Spring clip</div><div> 5mm-20mm Spring strip</div></div>	Secondary Reflector <div><div> Black</div><div> Bright silver</div><div> Matt silver</div><div> Gold</div></div> <p><i>Remarks: For hotel series only.</i></p>
Warranty 5 year limited warranty	Lumen Maintenance 50000h@80%(L80)

- Approximate lumen output based on 3000K CRI90 performance,
Pls send email to sales@encore-tech.com to get product specification and photometric test report.

TRIM FOR HOTEL SERIES



Round Adjustable
EF51RA01



Round Adjustable
Trimless
EF51RA01T



Round Fixed
EF51RF01



Round Fixed
Trimless
EF51RF01T

TRIM FOR RESIDENTIAL SERIES



Round Pinhole
Adjustable
EF52RA01



Oval Pinhole
Adjustable
EF52RA02

TRIM FOR COMMERCIAL SERIES



Round
EF53RA01



Square
EF53SA01



Dual-head
EF53SA02

ELLA-3" Aperture



MAIN FEATURES

- Elegant & compact in its style, versatile in its using.
- Precise light control, 15°, 24°, 38°, 55° beam lens options.
- Interchangeable different color secondary reflectors for anti-glare and decorative function.
- Super modular design, replacing LED module, mounting ring, beam lens, honeycomb filter and secondary reflectors without any needs for tools.
- 355° rotation and 30° tilt.
- Anti-glare accessories provide maximum visual comfort.
- Service the LED optics and Driver from above the ceiling.

Input Wattage 10W-15W	Delivered Lumens 920-1248lm
Input Voltage 220-240V / 120V / 277V input, 50-60Hz	Light Color Static White: 2700K, 3000K, 3500K, 4000K Tunable White: 2700K-6000K Dim-to Warm: 2000K-3000K Full Spectrum: RGBCW
Power Factor Greater than 0.9	Color Quality CRI ≥ 90, 2 SDCM
Dimming Control On-off, 0/1-10V, DALI, TRIAC, CASAMBI	Beam Optics <div><div><div></div>15°, 24° Spot</div><div><div></div>38° Flood</div><div><div></div>55° Wide Flood</div></div> <div><div></div>Wall Washing</div>
Ambient Operating Temperature -20°C to 40°C	Optical Accessories <div><div></div>Honeycomb</div> <div><div></div>Soft lens</div>
Ceiling Thickness <div><div><div></div>1mm-20mm</div><div><div></div>5mm-20mm</div></div> <div>Spring clipSpring strip</div>	Secondary Reflector <div><div></div>Black</div> <div><div></div>Bright silver</div> <div><div></div>Matt silver</div> <div><div></div>Gold</div> <div>Remarks: For hotel series only.</div>
Warranty 5 year limited warranty	Lumen Maintenance 50000h@80%(L80)

- Approximate lumen output based on 3000K CRI90 performance,
Pls send email to sales@encore-tech.com to get product specification and photometric test report.
- 10W Can be **IC-Rated**.

TRIM FOR HOTEL SERIES



Round Adjustable
EF61RA01



Round Adjustable
Trimless
EF61RA01T



Round Fixed
EF61RF01



Round Fixed
Trimless
EF61RF01T



Square Adjustable
EF61SA01



Square Adjustable
Trimless
EF61SA01T



Round Wall Washing
EF61RF02



Round Wall Washing
Trimless
EF61RF02T



Square Wall Washing
EF61SF02



Square Wall Washing
Trimless
EF61SF02T



Square Wall Washing
Dual-head
EF61SF03



Square Wall Washing
Dual-head Trimless
EF61SF03T



Square Wall Washing
Triple-head
EF61SF04



Square Wall Washing
Triple-head Trimless
EF61SF04T

TRIM FOR RESIDENTIAL SERIES

DEEP ANTI-GLARE SERIES



Wide Frame
Big pinhole
EF62RA01



Wide Frame
Small Pinhole
EF62RF01



Deep Frame
Adjustable
EF62RA02



Deep Frame Fixed
EF62RF02



Inner Adjustable
EF62RA03



Round
EF64RF01



Shallow Frame
Reflector
EF62RF03



Round Pinhole
Adjustable
EF62RA04



Square Round
Pinhole Adjustable
EF62SA04



Oval Pinhole
Adjustable
EF62RA05



Square Round
Pinhole Adjustable
EF62SA05



Square
EF64SF01

TRIM FOR COMMERCIAL SERIES

WALL WASHER SERIES



Round
EF63RA01



Square
EF63SA01



Dual-head
EF63SA02



Round
EF65RF01



Square
EF65SF01

ELLA-4" Aperture



MAIN FEATURES

- Elegant & compact in its style, versatile in its using.
- Precise light control, 15°, 24°, 38°, 55° beam lens options.
- Interchangeable different color secondary reflectors for anti-glare and decorative function.
- Super modular design, replacing LED module, mounting ring, beam lens, honeycomb filter and secondary reflectors without any needs for tools.
- 355° rotation and 30° tilt.
- Anti-glare accessories provide maximum visual comfort.
- Service the LED optics and Driver from above the ceiling.

Input Wattage 20W-25W	Delivered Lumens 1860-2182lm
Input Voltage 220-240V / 120V / 277V input, 50-60Hz	Light Color Static White: 2700K, 3000K, 3500K, 4000K Tunable White: 2700K-6000K Dim-to Warm: 2000K-3000K Full Spectrum: RGBCW
Power Factor Greater than 0.9	Color Quality CRI ≥ 90, 2 SDCM
Dimming Control On-off, 0/1-10V, DALI, TRIAC, CASAMBI	Beam Optics <div><div><div>15° Spot</div><div>24° Spot</div></div><div><div>38° Flood</div><div>55° Wide Flood</div></div></div>
Ambient Operating Temperature -20°C to 40°C	Optical Accessories <div><div>Honeycomb</div><div>Soft lens</div></div>
Ceiling Thickness <div><div><div>1mm-20mm</div><div>Spring clip</div></div></div>	Secondary Reflector <div><div>Black</div><div>Bright silver</div><div>Matt silver</div><div>Gold</div></div> <div>Remarks: For hotel series only.</div>
Warranty 5 year limited warranty	Lumen Maintenance 50000h@80%(L80)

- Approximate lumen output based on 3000K CRI90 performance,
Pls send email to sales@encore-tech.com to get product specification and photometric test report.
- 20W Can be **IC-Rated**.

TRIM FOR HOTEL SERIES



Round Adjustable
EF71RA01



Round Adjustable
Trimless
EF71RA01T



Round Fixed
EF71RF01



Round Fixed
Trimless
EF71RF01T



Square Adjustable
EF71SA01



Square Adjustable
Trimless
EF71SA01T

TRIM FOR RESIDENTIAL SERIES



Deep Frame Fixed
EF72RF01



Shallow Frame
Reflector
EF72RA01

TRIM FOR COMMERCIAL SERIES



Round
EF73RA01



Square
EF73SA01



Dual-head
EF73SA02

TRIM FOR DEEP ANTI-GLARE SERIES



Round
EF74RF01














Square
EF74SF01

ELLA-5" Aperture



MAIN FEATURES

- Elegant & compact in its style, versatile in its using.
- Precise light control, 15°, 24°, 38°, 55° beam lens options.
- Interchangeable different color secondary reflectors for anti-glare and decorative function.
- Super modular design, replacing LED module, mounting ring, beam lens, honeycomb filter and secondary reflectors without any needs for tools.
- 355° rotation and 30° tilt.
- Anti-glare accessories provide maximum visual comfort.
- Service the LED optics and Driver from above the ceiling.

Input Wattage 25W-35W	Delivered Lumens 2279-3146lm
Input Voltage 220-240V / 120V / 277V input, 50-60Hz	Light Color Static White: 2700K, 3000K, 3500K, 4000K Tunable White: 2700K-6000K Dim-to Warm: 2000K-3000K Full Spectrum: RGBCW
Power Factor Greater than 0.9	Color Quality CRI ≥ 90, 2 SDCM
Dimming Control On-off, 0/1-10V, DALI, TRIAC, CASAMBI	Beam Optics <div><div> 15° Spot</div><div> 24° Spot</div><div> 38° Flood</div><div> 55° Wide Flood</div></div>
Ambient Operating Temperature -20°C to 40°C	Optical Accessories <div><div> Honeycomb</div><div> Soft lens</div></div>
Ceiling Thickness <div> 1mm-20mm Spring clip</div>	Secondary Reflector <div><div> Black</div><div> Bright silver</div><div> Matt silver</div><div> Gold</div></div> <p><i>Remarks: For hotel series only.</i></p>
Warranty 5 year limited warranty	Lumen Maintenance 50000h@80%(L80)

- Approximate lumen output based on 3000K CRI90 performance,
Pls send email to sales@encore-tech.com to get product specification and photometric test report.

- 25W Can be **IC-Rated**.

TRIM FOR HOTEL SERIES



Round Adjustable
EF91RA01



Round Adjustable
Trimless
EF91RA01T



Round Fixed
EF91RF01



Round Fixed
Trimless
EF91RF01T



Square Adjustable
EF91SA01



Square Adjustable
Trimless
EF91SA01T

TRIM FOR RESIDENTIAL SERIES



Deep Frame Fixed
EF92RF02



Shallow Frame
Reflector
EF92RA01



Deep Frame Reflector
EF92RA02
EF92RF01

TRIM FOR COMMERCIAL SERIES



Round
EF93RA01



Square
EF93SA01



Dual-head
EF93SA02

TRIM FOR DEEP ANTI-GLARE SERIES



Round
EF94RF01



Square
EF94SF01

AVA MR16(GU10) Modular Downlight System

Elegant MR16(GU10) compatible design, AVA was born to be versatile. The perfect thermal management ensures the high wattage in the smaller housing. Aesthetic design is not the only advantage of AVA, it's 90lm/W efficacy with uniform light distribution also worth a mention. Except the single color 2700K to 5000K range, AVA also offers 1800K-3000K Dim-to warm create a SDCM<2 color consistency home-like atmosphere to where it is needed. It complies with the modular design, everything is interchangeable except COB, well covered the commercial and residential applications. The performance of AVA is the ice of the cake on the aesthetic appearance.



The easiest way for
halogen MR16(GU10) to modern LED!



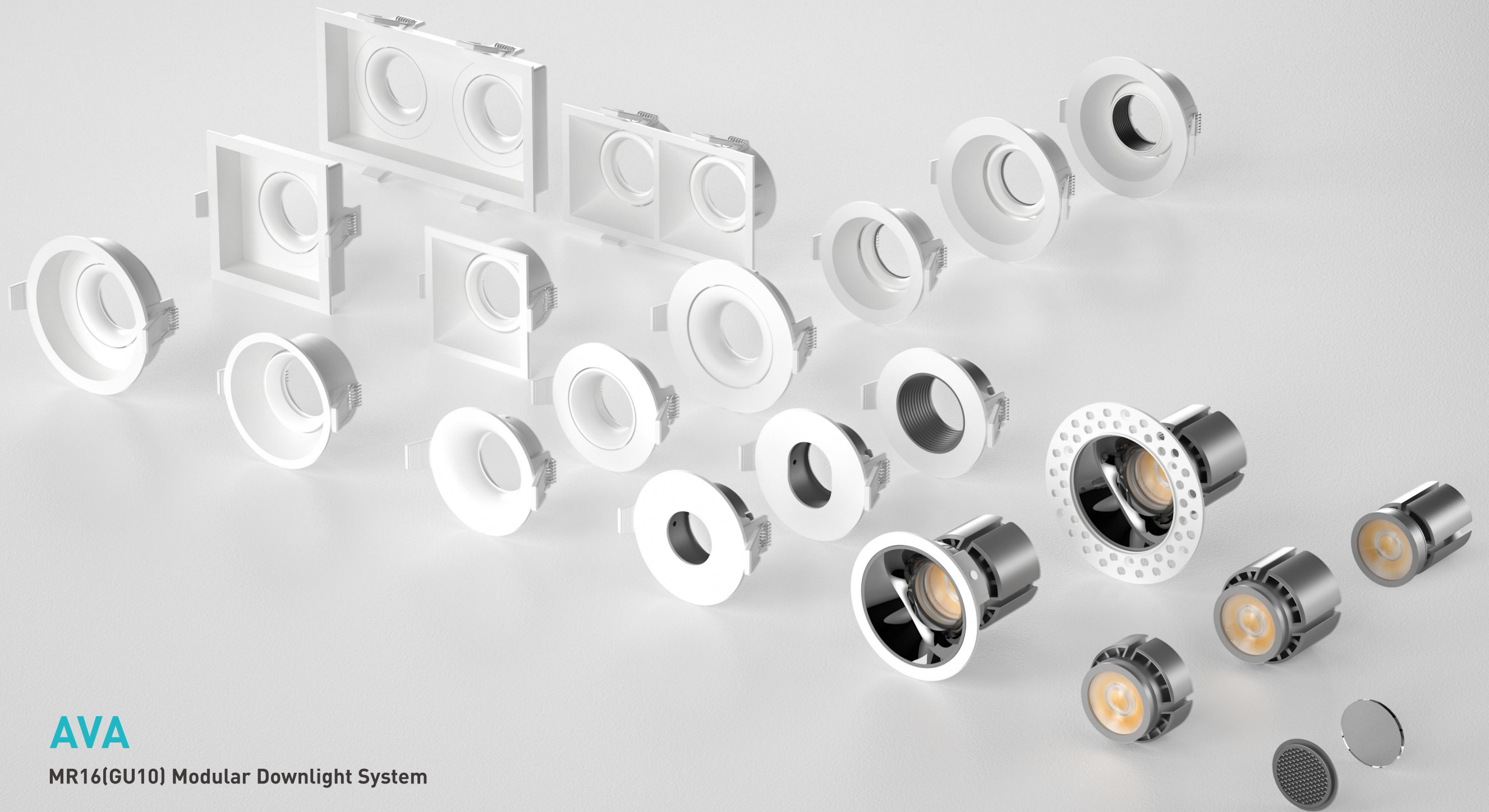
Residential



Commercial

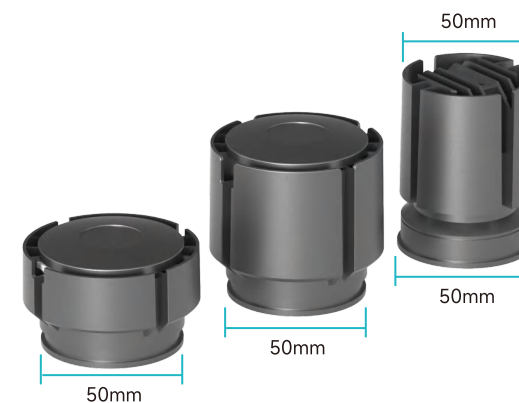
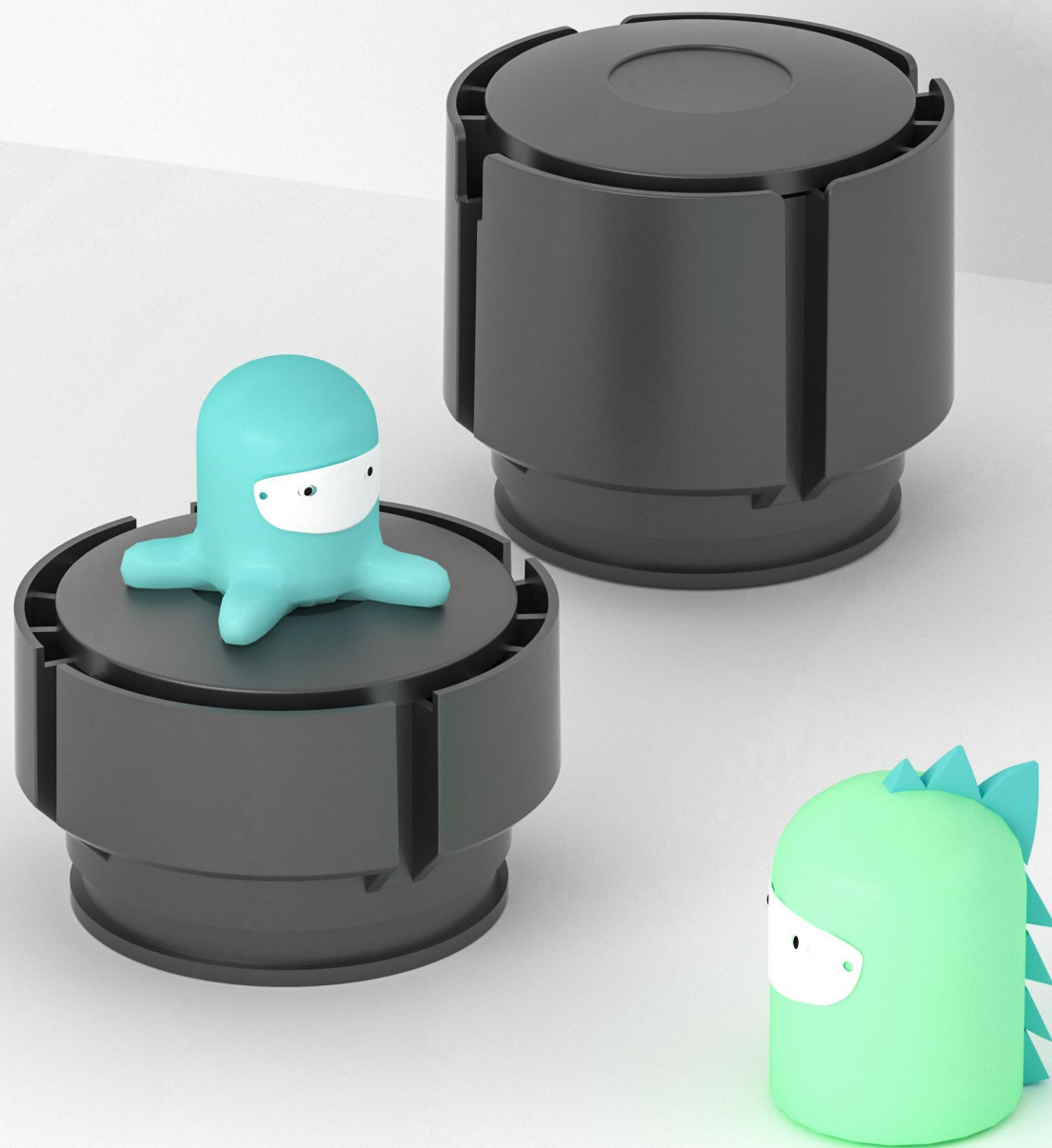


Hotel



AVA

MR16(GU10) Modular Downlight System



• Elegant and Functional Design

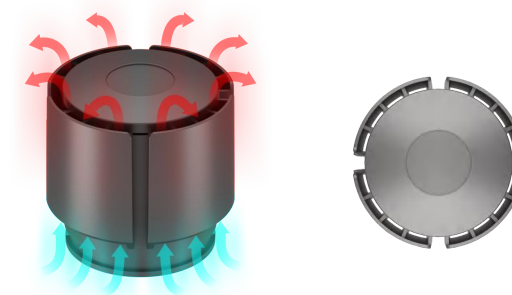
Elegant appearance with multifunction, AVA has defined itself as a strong and capable downlight.

The delicate thermal management design ensures efficient heat convection, as a result, AVA could realize high wattage in a smaller size. (39mm height heatsink support Max.8W, 60mm height heatsink support Max.15W)

The low heightness also provides more possibilities for AVA to fit into any low ceiling applications.

• Good Heat Dissipation

AVA impresses customers with its modern style line-crossed heat sink design. Take another closer look, AVA downlight adopts this design to realize the free flow of heat that guaranteed a good heat dissipation performance. So that AVA could provide both elegant and smaller size with big wattage, ensuring it not only has an aesthetic look but also a highly practical performance.

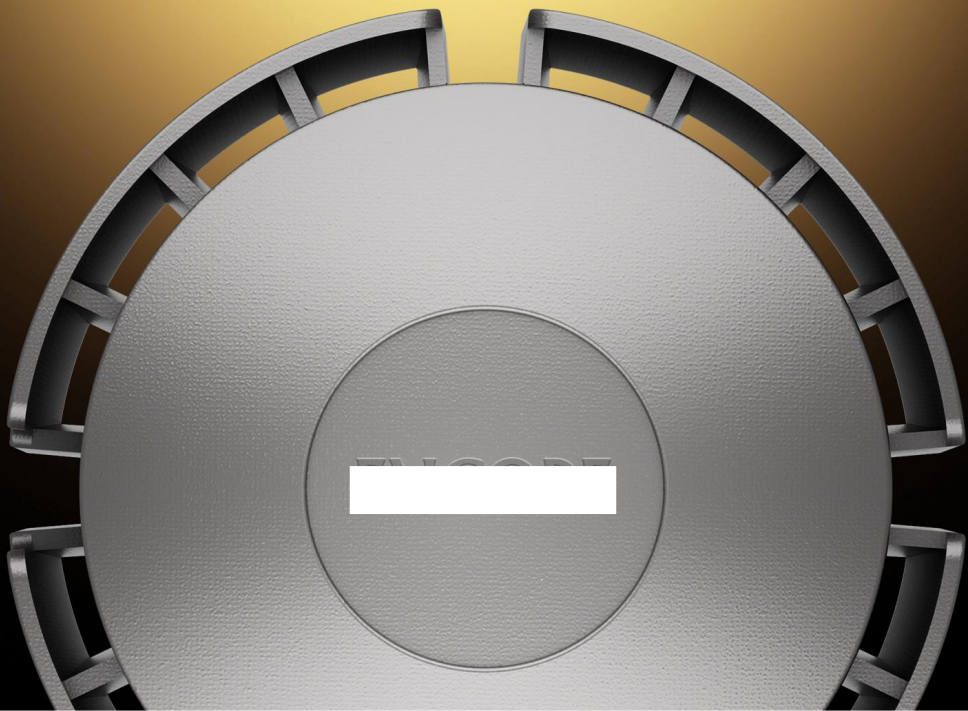


• Modular Design

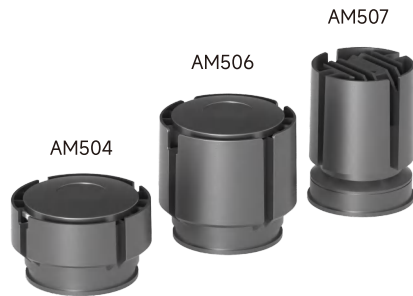
AVA's LED engine is designed with modular concept, everything is interchangeable except COB, support free DIY on optical lens and accessories. You can easily get a brand new luminaire by a quick and simple snap on of the LED module + mounting ring without any tools.

Humanized modular design ensures fast delivery and low stock management cost.

The easiest way for
halogen MR16(GU10)
to modern LED!



AVA MR16(GU10) Module



MAIN FEATURES

- AVA MR16(GU10) module fits various custom mounting rings or any MR16(GU10) fittings for wide range of applications.
- Aesthetic in design, small in size but high in wattage thanks to it's efficient convection ventilation design heatsink.
- Uniform light distribution, light efficiency up to 90lm/W, 5 beam angles selectable(10, 15, 24, 38, 50D)
- Dim-to warm 1800K-3000K and single color 2700K to 5000K range with SDCM<2 high color consistency.
- Ava Mr16(GU10) module, mounting rings, optics and accessories, all in modular design to help customer to reduce stock.
- Variable mounting rings with different cut-outs & low glare level & tiltable for choice.

Input Wattage 5W-8W (AM504), 10W-15W (AM506), 5W-8W (AM507)	Delivered Lumens 444-727lm (5W-8W), 889-1348lm (10W-15W)
Input Voltage 220-240V input, 50-60Hz	Light Color Static White: 2700K, 3000K, 4000K Dim-to Warm: 1800K-3000K Full Spectrum: RGBCW
Power Factor Greater than 0.9	Color Quality CRI ≥ 90, 2 SDCM
Dimming Control On-off, 0/1-10V, DALI, TRIAC, CASAMBI	Beam Optics <div><div><div>10° Narrow Spot</div><div>15°, 24° Spot</div><div>38° Flood</div></div><div><div>50° Wide Flood</div></div></div>
Ambient Operating Temperature -20°C to 40°C	Optical Accessories <div><div>Honeycomb</div><div>Soft lens</div></div>
Ceiling Thickness <div><div>Spring clip</div><div>1mm-20mm</div></div>	Secondary Reflector None
Warranty 5 year limited warranty	Lumen Maintenance 50000h@80%(L80)

- Approximate lumen output based on 3000K CRI90 performance,
Pls send email to sales@encore-tech.com to get product specification and photometric test report.



No tools



TRIM FOR RESIDENTIAL SERIES

Spot



AF21RA01



AF21RA02



AF21RF01

Standard



AF22RF01



AF22RA01



AF22RA02

Deep Frame



AF23RA01



AF23RA02



AF23RA03

Narrow Trim



AF24RA01



AF24SA01



AF24SA02

TRIM FOR COMMERCIAL SERIES



AF31RA01



AF31SA01



AF31SA02

AVA Hotel Series



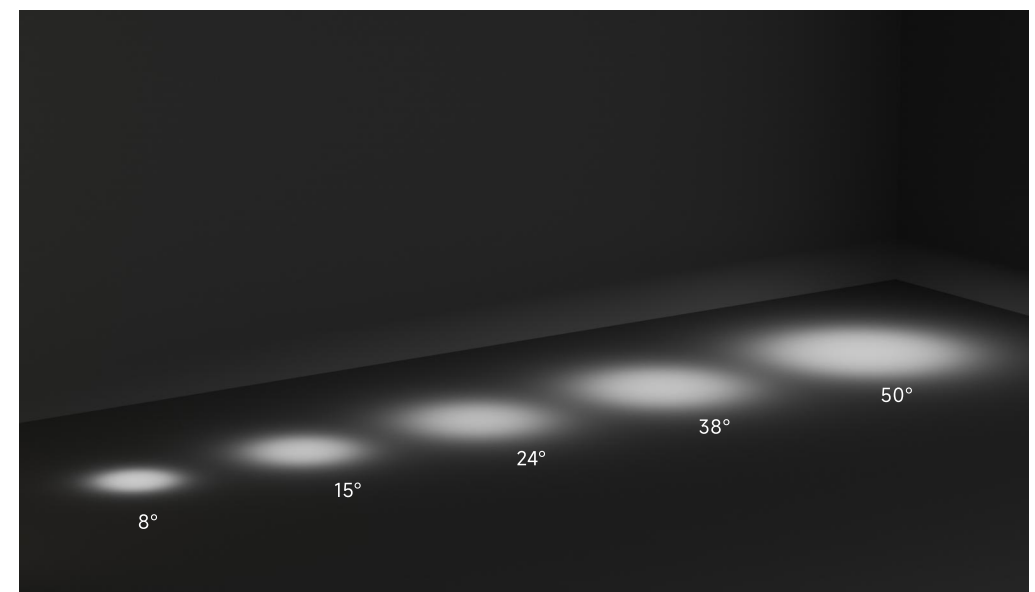
Very Narrow Beam 8°

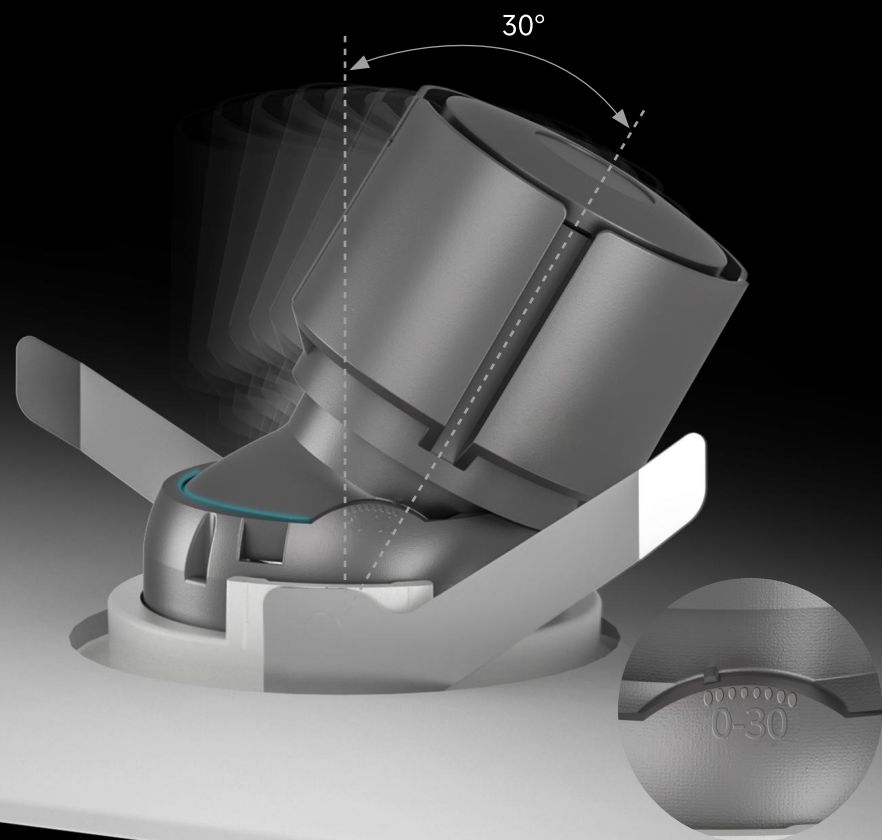
Very narrow beam 8° is not a challenge any more!
Precise 8° beam lens + filter accessory ensure a high quality light distribution.



Beam Angle

Available in 8°, 15°, 24°, 38° and 50° beam angles, AVA-hotel series allows enough flexibility to choose the right beam from very narrow beam for lighting small objects to middle & wide beam for accent or flood lighting.





0°-30° Tiltable

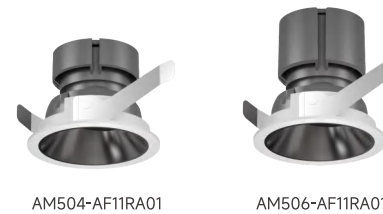
Precision engineering adjustment mechanism from 0° to 30°, every 5° has a fixed limit to achieve accurate tilt Angle.

Fully-enclosed structure ensures the light could be fully output.

AVA-Hotel

MAIN FEATURES

- Elegant & compact in its style, versatile in its using.
- Precise light control, 8°, 15°, 24°, 38°, 50° beam lens options.
- Light efficiency is up to 80 lm/W.
- Interchangeable different color secondary reflectors for decorative function.
- Anti-glare accessories provide maximum visual comfort.
- Precision engineering adjustment mechanism from 0° to 30°, Every 5° has a fixed limit to achieve accurate tilt Angle.



Input Wattage 5W-8W (AM504), 10W-15W (AM506)	Delivered Lumens 357-511lm (5W-8W), 692-923lm (10W-15W)
Input Voltage 220-240V input, 50-60Hz	Light Color Static White: 2700K, 3000K, 4000K Dim-to Warm: 1800K-3000K Full Spectrum: RGBCW
Power Factor Greater than 0.9	Color Quality CRI ≥ 90, 2 SDCM
Dimming Control On-off, 0/1-10V, DALI, TRIAC, CASAMBI	Beam Optics <div><div><div>8° Narrow Spot</div><div>15°, 24° Spot</div><div>38° Flood</div></div><div><div>50° Wide Flood</div></div></div>
Ambient Operating Temperature -20°C to 40°C	Optical Accessories <div><div>Honeycomb</div><div>Soft lens</div></div>
Ceiling Thickness <div><div>Spring Strip</div><div>10mm-20mm</div></div>	Secondary Reflector <div><div>Black</div><div>Bright silver</div><div>Matt silver</div><div>Gold</div></div>
Warranty 5 year limited warranty	Lumen Maintenance 50000h@80%(L80)

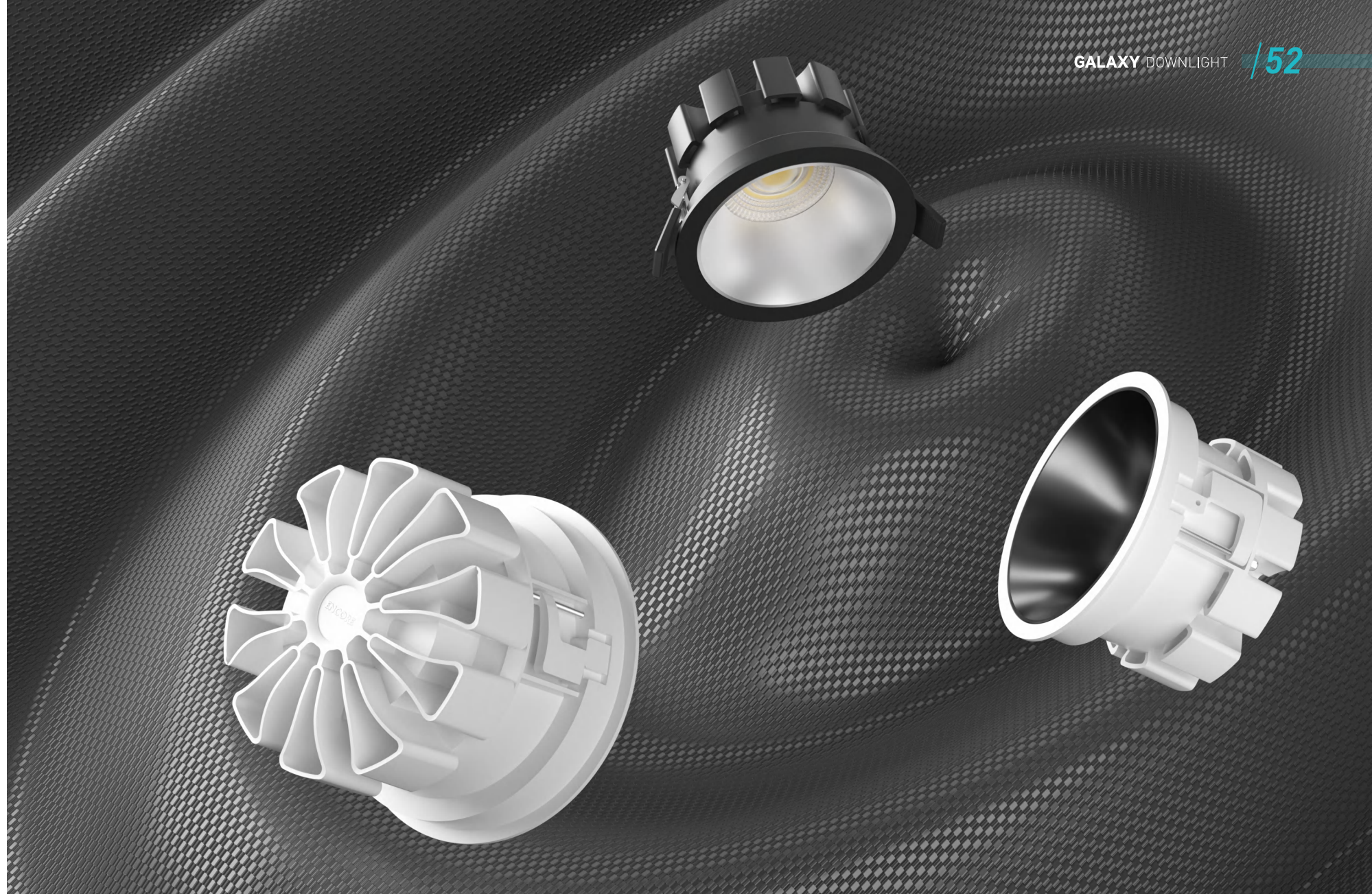
- Approximate lumen output based on 3000K CRI90 performance,
Pls send email to sales@encore-tech.com to get product specification and photometric test report.

GALAXY Downlight

GALAXY is designed to be well adapt to high ceiling applications thanks to it's super high efficient thermal management and high light efficiency 110lm/W.

Except for classic white color, GALAXY also support tunable white and CCT selectable with unparalleled quality light distribution, plus low glare UGR<16 design, GALAXY downlight delivers high-end, architectural-grade illumination precisely where you need it.

Its tool-free, field-changeable reflector allow you to easily change how your spaces feel and perform with minimal labor, and IP54 ensure high-quality lighting even in harsh conditions.



REMODEL



NEW CONSTRUCTION

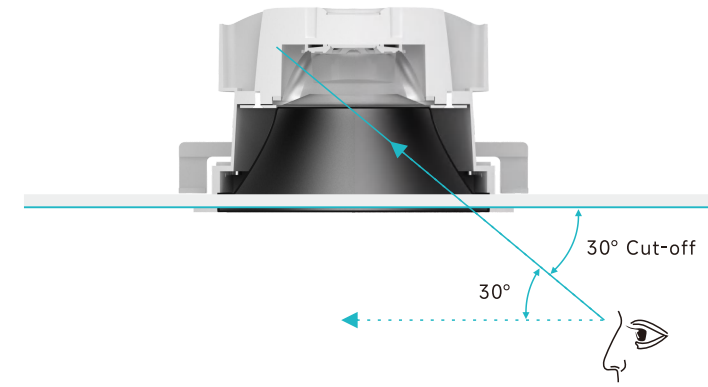


• High Ceiling Applications

With light output reaching 4,500 delivered lumens, GALAXY put long lasting, energy efficient, mercury-free high ceiling LED lighting options in play for shopping mall, airports, atriums, ballrooms, lobbies, and other spaces that require maximum lumen output.

• UGR < 16, Visual Comfort Without Compromise

GALAXY was developed with the specifications of good glare control and high visual comfort with UGR<16.



• Magnetic Reflector Installations (tool-free)

The magnetic design allow reflector to be swapped without positioning or any tool, allowing you to easily change how your spaces feel and perform with minimal labor. Multiple reflector colors to fit versatile design needs.












GALAXY

MAIN FEATURES

- 4 inch max 25W, 5 inch max 35W, 6 inch max 45W;
- High lumen efficiency of 110lm/W;
- Tunable white allow more flexible light adjustment to match the mood;
- Low glare UGR<16 for visual comfort;
- Magnetic reflector design enable tool-free replacement without trouble in positioning;
- IP54 suitable for semi outdoor and wet areas;
- Spring clip to be flexible with ceiling thickness from 1-20mm.



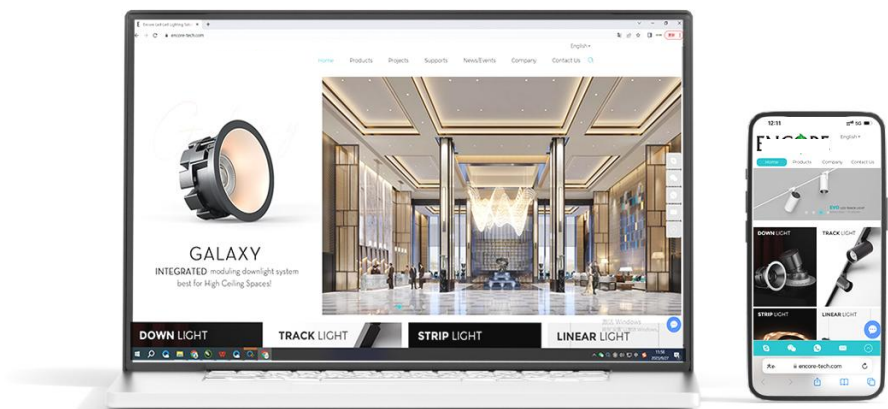
Input Wattage 20W-25W (4"), 30W-35W (5"), 40W-45W (6")	Delivered Lumens 1694-2190lm (20W-25W), 2441-3016lm (30W-35W), 3828-4363lm (40W-45W)
Input Voltage 220-240V / 120V / 277V input, 50-60Hz	Light Color Static White: 2700K, 3000K, 4000K, 5000K Tunable White: 2700K-5000K Full Spectrum: RGBCW
Power Factor Greater than 0.9	Color Quality CRI ≥ 90, 2 SDCM
Dimming Control On-off, 0/1-10V, DALI, TRIAC, CCT Switch, CASAMBI	Beam Optics <div><div> 24° Spot</div><div> 38° Flood</div><div> 60° Wide Flood</div></div>
Ambient Operating Temperature -20°C to 40°C	Optical Accessories None
Ceiling Thickness <div><div> 1mm-20mm Spring clip</div><div> 1mm-30mm Mounting rod</div></div>	Secondary Reflector <div><div> Black</div><div> Bright silver</div><div> Matt silver</div><div> Gold</div></div>
Warranty 5 year limited warranty	Lumen Maintenance 50000h@80%(L80)

- Approximate lumen output based on 3000K CRI90 performance,
Pls send email to sales@encore-tech.com to get product specification and photometric test report.



Official Website

On our website, you'll find the latest company news, product releases, technology updates, detailed product information, videos, and everything else you need.



Follow us:



YouTube

On Youtube you can get all of our product features, installation tutorials, light effect demonstrations and a series of actual demonstration videos you want to know about our products.

