

ALENA

Modular downlight family

LUXTRON
SYSTEMS

*2 LED engines for all
use cases!*



modularity at its peak!



Electronic control
gear from

Helvar

Salient features

- Modular design allows >41 different configurations in a single wattage option.
Eg: 41 configurations in 12W model.
- Starts from 6W upto 30W Single and 60W Double (2x30)
- UGR<16 reflector along with Honeycomb provides great anti-glare performance.
- Die cast aluminium heatsink with highly efficient heat dissipation ensures long life of the LED engine.
- No compromises on quality as ALENA Family is equipped with Zhaga compliant LED components from **Helvar & 8th Generation Citizen COBs**
- Various dimming options i.e. DALI-2 / Wireless / 1-10V. **Electronic control gear from Helvar, Finland.**
- Color temperature options: **2700, 3000, 4000K**. Others available on request.
- Optic options: Frosted, Prismatic, Stripe & Honeycomb lens
- 6 different reflector colors to meet needs of different occasions

Reflector Colors



Matt Black



Sand Gold



Chrome



Matt White



Gun black



Silver

Lens Options



Honeycomb



Soft lens



Square Lens



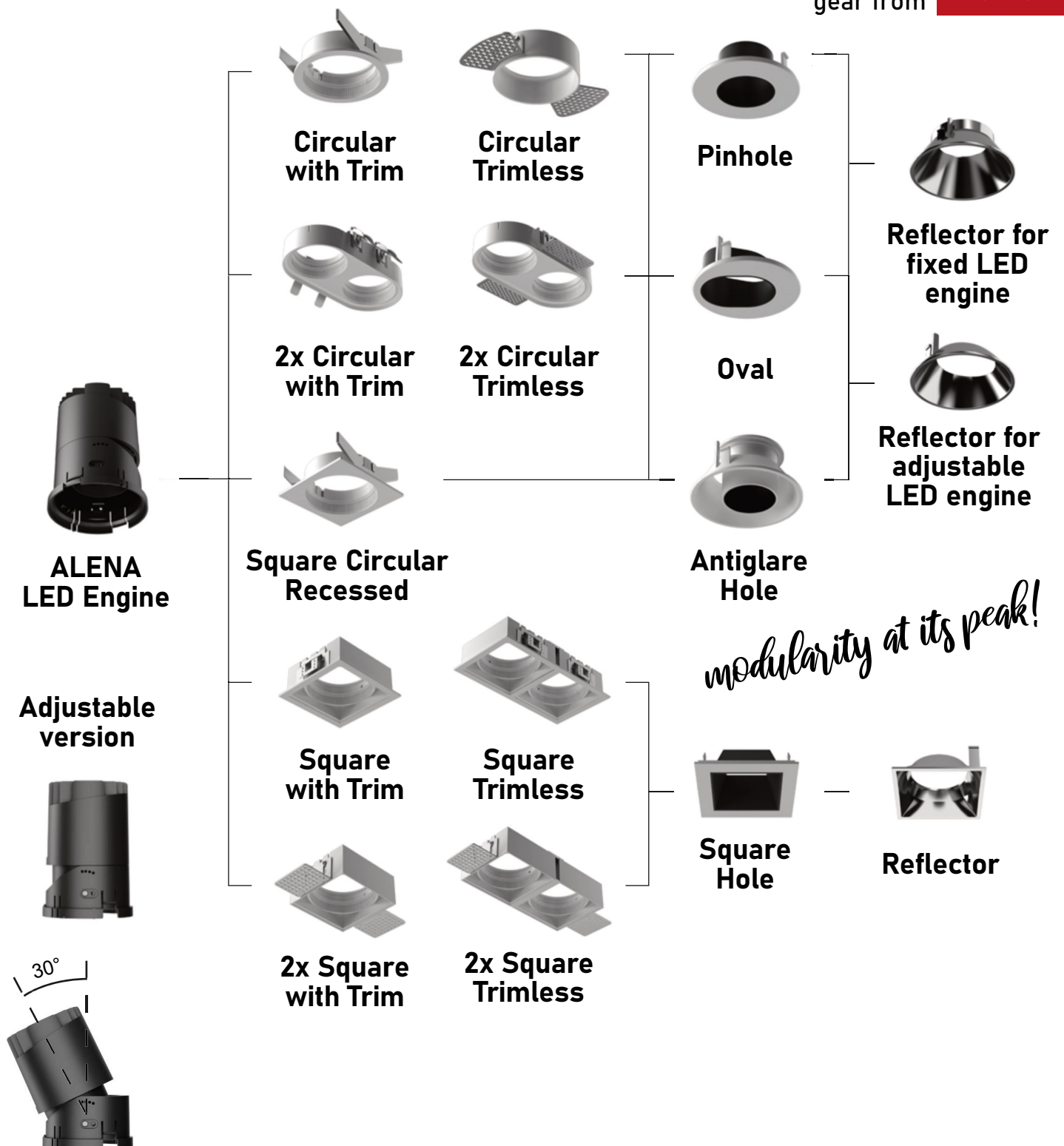
Stripe Lens

ALENA's modularity

ALENA's snap n' click structure allows for easy installation and maintenance without any need for tools.

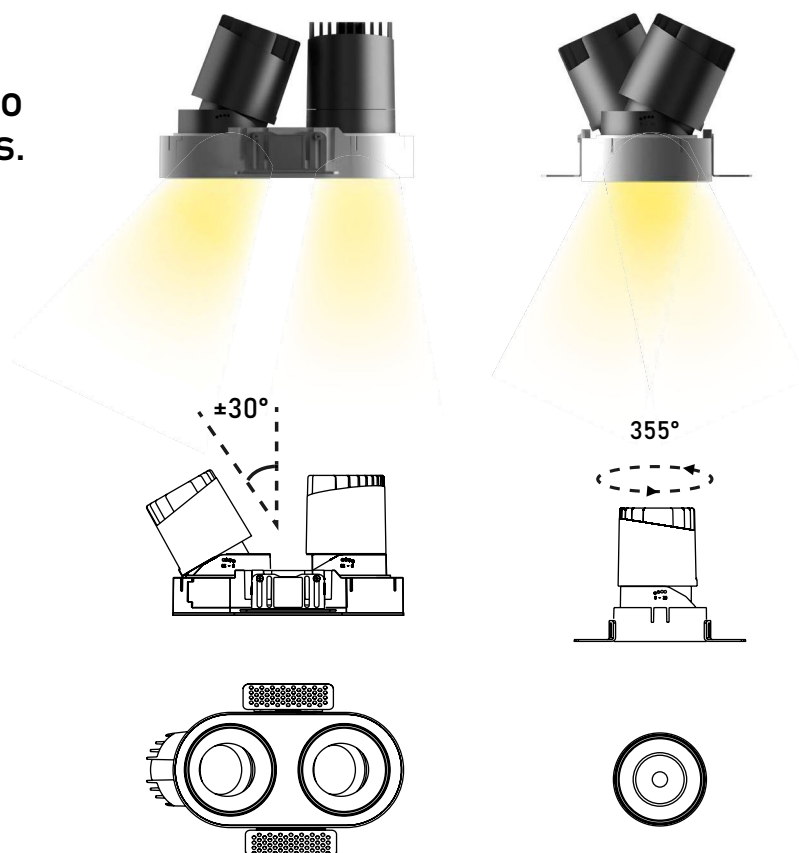
Electronic control gear from

Helvar



Movement

Lamp head has the ability to move freely in all directions.



Easy addition in Square frames

Flexibility to stack fixtures to achieve desired luminance in high rise areas.



Stack as many as you want!





Comply MR16 Matching

Frames compatible with MR16 modules
& light sources

Ability to choose any frame and directly
install for your usecase.



**10W
Module**



**15W
Module**



**MR16
Module**



**Circular
Recessed**



**Circular
Trimless**



**2x Circular
Recessed**



**2x Circular
Trimless**



**Square
Recessed**



**Square
Trimless**



**2x Square
Recessed**



**2x Square
Trimless**

ALENA 6W

All possible options

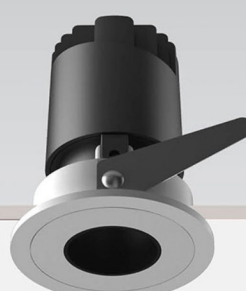
LUXTRON
SYSTEMS



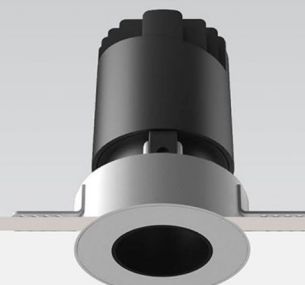
Recessed
Ø60 x H75 mm



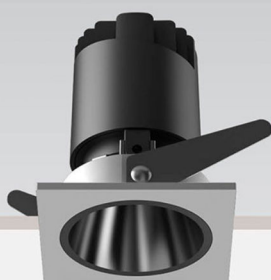
Trimless
Ø107 x H75 mm



Recessed
with Pin Hole
Ø60 x H75 mm



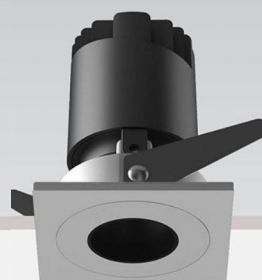
Trimless
with Pin Hole
Ø107 x H75 mm



Recessed
60 x 60 x H75 mm



Recessed w Trim
Ø80 x H81 mm



Recessed
60 x 60 x H75 mm



Recessed w Trim
Ø80 x H81 mm



Recessed
Ø60 x H78 mm



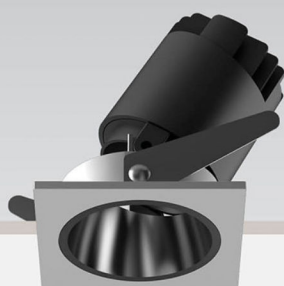
Trimless
L107 x Ø50 x H78 mm



Recessed
with Pin Hole
Ø60 x H78 mm



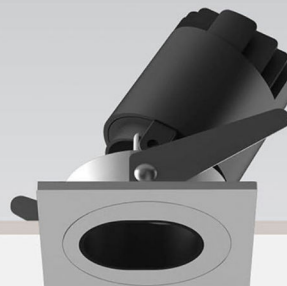
Trimless
with Pin Hole
L107 x Ø50 x H78 mm



Recessed
60 x 60 x H78 mm



Recessed w Trim
Ø80 x H84 mm



Recessed
60 x 60 x H78 mm



Recessed w Trim
Ø80 x H84 mm

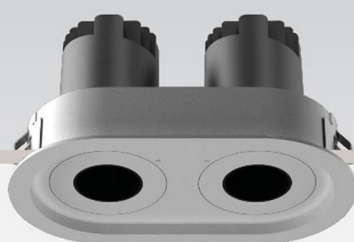
ALENA x6W

All possible options

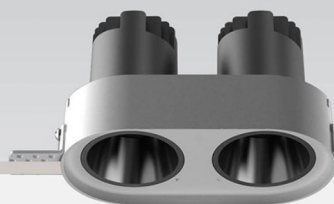
LUXTRON
SYSTEMS



2x Recessed
L140 x Ø80 x H81
mm



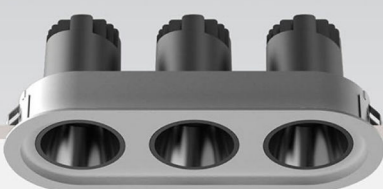
2x Recessed
L140 x Ø80 x H81
mm



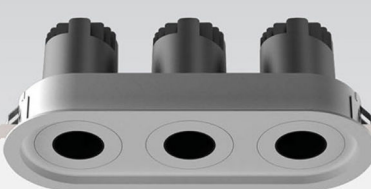
2x Trimless
L186 x W66 x H81
mm



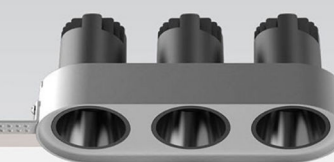
2x Trimless
L186 x W66 x H81
mm



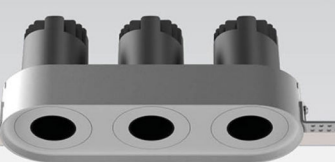
3x Recessed
L200 x Ø80 x H81
mm



3x Recessed
L200 x Ø80 x H81
mm



3x Trimless
L246 x 66 x H81 mm



3x Trimless
L246 x 66 x H81
mm



4x Recessed
L140 x Ø80 x H81
mm



4x Recessed
L140 x Ø80 x H81
mm



4x Trimless
L186 x W126 x H81
mm



4x Trimless
L186 x W126 x H81
mm

ALENA x6W

All possible options

LUXTRON
SYSTEMS



2x Recessed
L140 x Ø80 x H84
mm



2x Recessed
L140 x Ø80 x H84
mm



2x Trimless
L186 x W66 x H84
mm



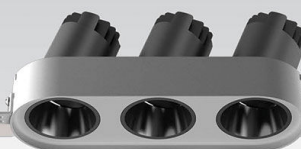
2x Trimless
L186 x W66 x H84
mm



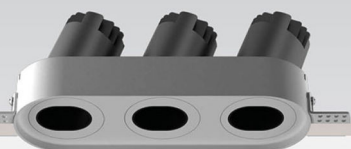
3x Recessed
L200 x Ø80 x H84
mm



3x Recessed
L200 x Ø80 x H84
mm



3x Trimless
L246 x W66 x H84
mm



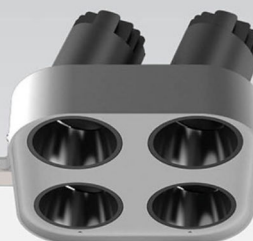
3x Trimless
L246 x W66 x H84
mm



4x Recessed
L140 x Ø80 x H84
mm



4x Recessed
L140 x Ø80 x H84
mm



4x Trimless
L186 x W126 x H84
mm



4x Trimless
L186 x W126 x H84
mm

ALENA 6W module

Technical specifications



Wattage Options	6W (can be made higher based on requirements / lumen outputs)
Input Voltage	220 - 240V AC (50-60 Hz) electronic controlgear from Helvar
Plastic Reflector Colors	Matt Black / Chrome / Gun Black / Silver / Matt White / Sand Gold
Lens Options	Honeycomb / Stripe Lens (depends on model chosen)
Beam Angle	10° / 15° / 24° / 38° (depends on model chosen)
Engine Options	Fixed / Adjustable
Color Temperature	2700 / 3000 / 4000 / 5000K others available on request
Color Rendering Index	80 / 90
Luminous Flux	389 lm @ 3000K, CRI80 335 lm @ 3000K, CRI90 412 lm @ 4000K, CRI80 365 lm @ 4000K, CRI90
IP Rating	IP 20 / IP 40
Dimming Protocols	DALI-2 / Wireless / 1-10V CASAMBI



Matt Black



Chrome



Gun black



Silver



Matt White



Sand Gold



Honeycomb

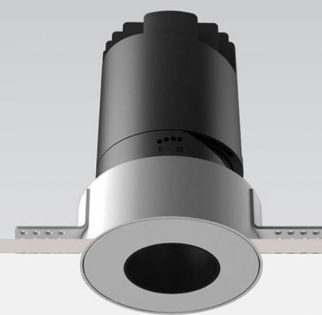


Stripe Lens

ALENA 14W

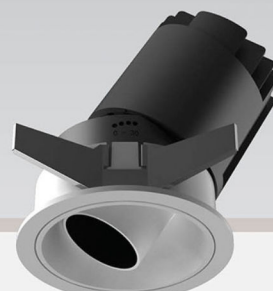
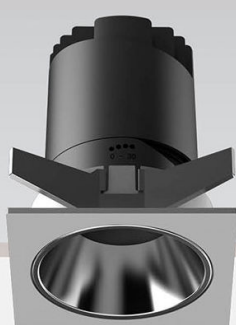
All possible options

LUXTRON
SYSTEMS



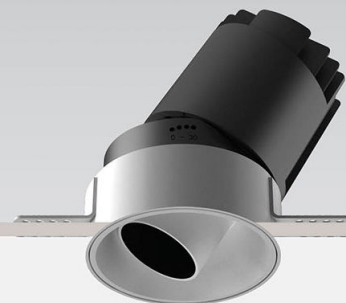
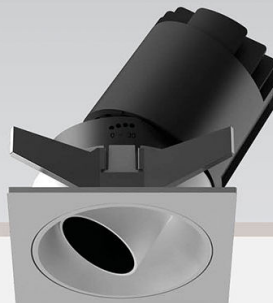
Recessed Fixed
Ø86 x H104 mm

Trimless Fixed
134 x Ø86 x H109 mm



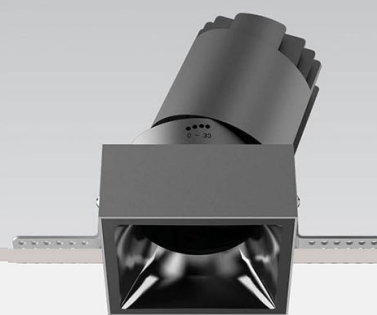
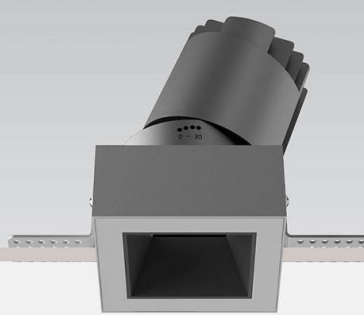
Square Ring Recessed Fixed
86 x 86 x H104 mm

Recessed Adjustable
Ø86 x H109 mm



Square Ring Recessed Adjustable
86 x 86 x H109 mm

Trimless Adjustable
L134 x Ø86 x H109 mm



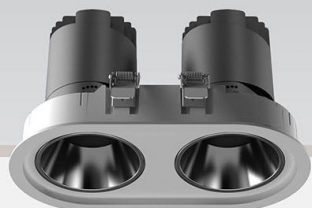
Square Recessed
89 x 89 x 120 mm

Square Trimless
89 x 89 x 120 mm

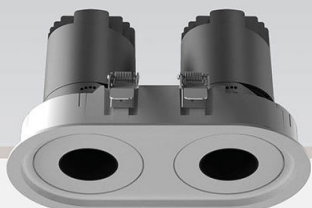
ALENA x14W

All possible options

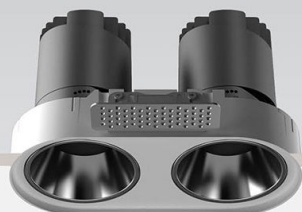
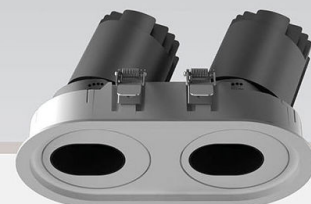
LUXTRON
SYSTEMS



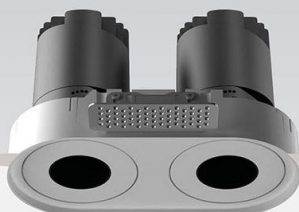
2x Recessed Fixed
194 x Ø104 x H109 mm



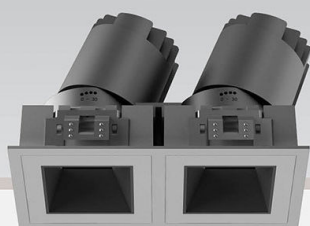
2x Recessed Adjustable
194 x Ø104 x H113 mm



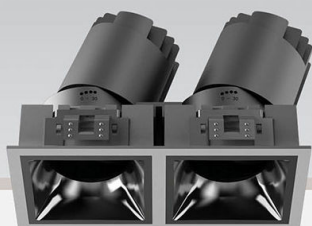
2x Trimless Fixed
180 x Ø145 x 109 mm



2x Trimless Adjustable
180 x Ø145 x 113 mm



2x Square Recessed
173 x 89 x 120 mm



2x Trimless
215 x 77 x 115 mm



2x Recessed Antiglare
L194 x Ø104 x H113 mm



2x Trimless Antiglare
180 x 145 x 113 mm

ALENA 14W module

Technical specifications



Wattage Options	14W (can be made higher based on requirements / lumen outputs)
Input Voltage	220 - 240V AC (50-60 Hz) electronic controlgear from Helvar
Plastic Reflector Colors	Matt Black / Chrome / Gun Black / Silver / Matt White / Sand Gold
Lens Options	Honeycomb / Stripe Lens / Square Lens / Soft Lens (depends on model chosen)
Beam Angle	10° / 15° / 24° / 38° / 50° (depends on model chosen)
Engine Options	Fixed / Adjustable
Color Temperature	2700 / 3000 / 4000 / 5000K others available on request
Color Rendering Index	80 / 90
Luminous Flux	1279 lm @ 3000K, CRI80, 14W
IP Rating	IP 20 / IP 40
Dimming Protocols	DALI-2 / Wireless / 1-10V CASAMBI



Matt Black



Chrome



Gun black



Silver



Matt White



Sand Gold



Square Lens



Honeycomb



Soft lens

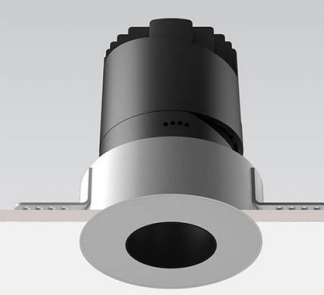
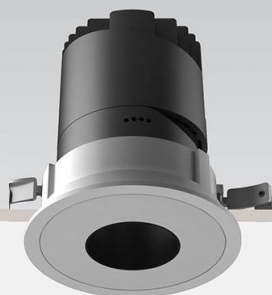


Stripe Lens

ALENA 20W

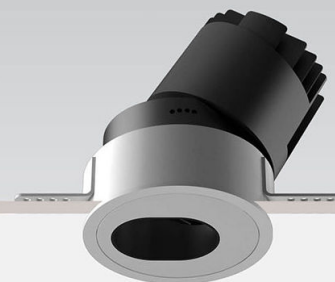
All possible options

LUXTRON
SYSTEMS



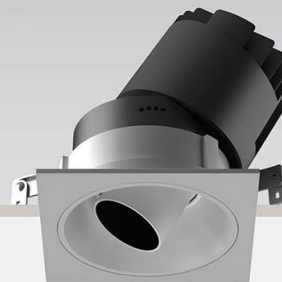
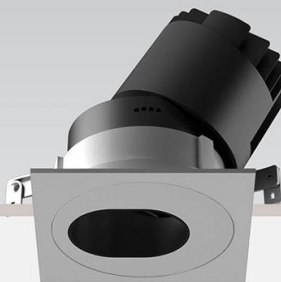
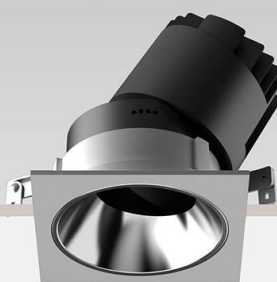
Recessed Fixed
Ø106 x H119 mm

Trimless Fixed
162 x Ø95 x H119 mm

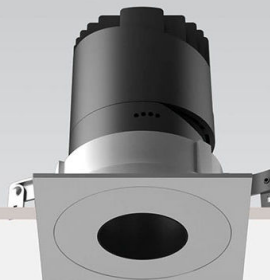
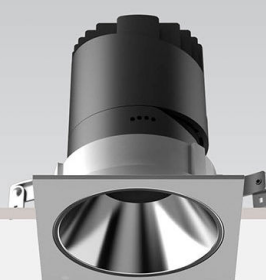


Recessed Adjustable
Ø106 x H126 mm

Trimless Adjustable
162 x Ø95 x H126 mm



Square Ring Recessed Adjustable
106 x 106 x H126 mm

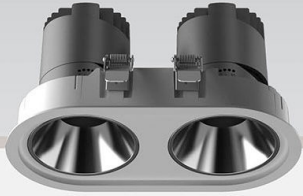


Square Ring Recessed Fixed
106 x 106 x H119 mm

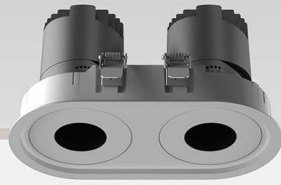
ALENA x20W

All possible options

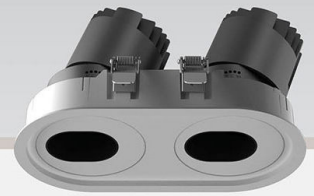
LUXTRON
SYSTEMS



2x Recessed Fixed
L240 x Ø128 x H126 mm



2x Recessed Adjustable
L240 x Ø128 x H131 mm



2x Trimless Adjustable
224 x 165 x H131 mm

ALENA 20W module

Technical specifications



Wattage Options	20W / 24W (can be made higher based on requirements / lumen outputs)
Input Voltage	220 - 240V AC (50-60 Hz) electronic controlgear from Helvar
Plastic Reflector Colors	Matt Black / Chrome / Gun Black / Silver / Matt White / Sand Gold
Lens Options	Honeycomb / Stripe Lens / Square Lens / Soft Lens (depends on model chosen)
Beam Angle	10° / 15° / 24° / 38° / 55° (depends on model chosen)
Engine Options	Fixed / Adjustable
Color Temperature	2700 / 3000 / 4000 / 5000K others available on request
Color Rendering Index	80 / 90
Luminous Flux	1491 lm @ 3000K, CRI80, 20W 1274 lm @ 3000K, CRI90, 20W 1576 lm @ 4000K, CRI80, 20W 1340 lm @ 4000K, CRI90, 20W 1900 lm @ 3000K, CRI80, 24W
IP Rating	IP 20 / IP 40
Dimming Protocols	DALI-2 / Wireless / 1-10V CASAMBI



Matt Black



Chrome



Gun black



Silver



Matt White



Sand Gold



Square Lens



Honeycomb



Soft lens



Stripe Lens

ALENA 30W

All possible options

LUXTRON
SYSTEMS



Recessed Fixed
Ø132 x H145 mm



Trimless Fixed
185 x Ø120 x H145 mm



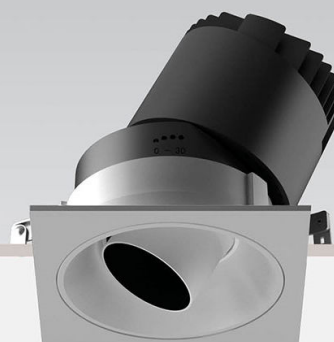
Recessed Adjustable
Ø132 x H155 mm



Trimless Adjustable
185 x Ø120 x H150 mm



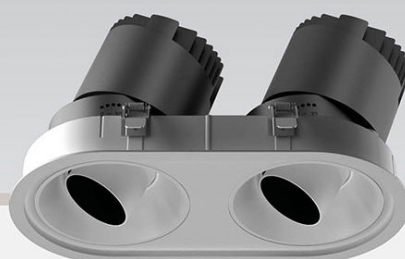
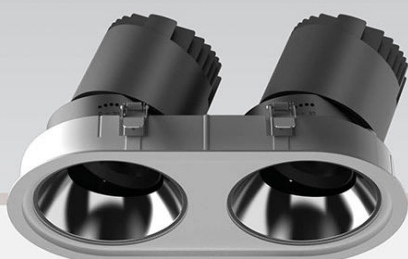
Square Ring Recessed Fixed
133 x 133 x 145 mm



Square Ring Recessed Adjustable
133 x 133 x 155 mm



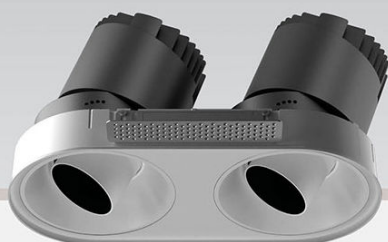
Recessed Fixed
295 x Ø167 x H150 mm



Recessed Adjustable
295 x Ø167 x H150 mm



Trimless Fixed
278 x 195 x H150 mm



Trimless Adjustable
278 x 195 x H161 mm

ALENA 30W module

Technical specifications



Wattage Options	30W (can be made higher based on requirements / lumen outputs)
Input Voltage	220 - 240V AC (50-60 Hz) electronic controlgear from Helvar
Plastic Reflector Colors	Matt Black / Chrome / Gun Black / Silver / Matt White / Sand Gold
Lens Options	Honeycomb / Stripe Lens / Square Lens / Soft Lens (depends on model chosen)
Beam Angle	10° / 15° / 24° / 38° / 55° (depends on model chosen)
Engine Options	Fixed or Adjustable
Color Temperature	2700 / 3000 / 4000 / 5000K others available on request
Color Rendering Index	80 / 90
Luminous Flux	2473 lm @ 3000K, CRI80 2080 lm @ 3000K, CRI90 2615 lm @ 4000K, CRI80 2186 lm @ 4000K, CRI90
IP Rating	IP 20 / IP 40
Dimming Protocols	DALI-2 / Wireless / 1-10V CASAMBI



Matt Black



Chrome



Gun black



Silver



Matt White



Sand Gold



Square Lens



Soft lens



Honeycomb



Stripe Lens

ALENA MR16 frames

Modular downlight family

LUXTRON
SYSTEMS

NEW!

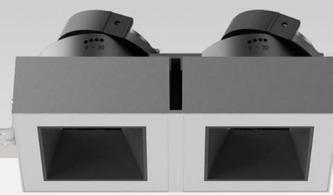
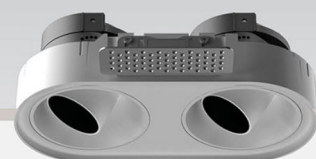
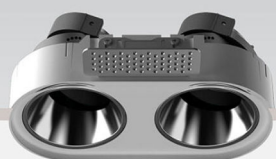
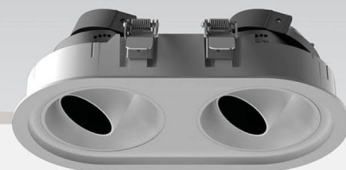
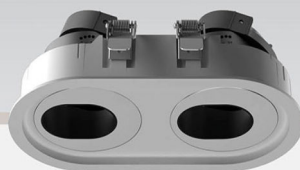
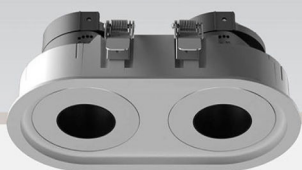
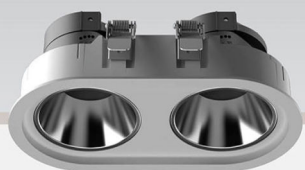


ALENA MR16 frames

Modular downlight family

LUXTRON
SYSTEMS

NEW!



ALENA MR16 modules

Modular downlight family



Model No	ALENA MR16 71
Load Wattage	10 W
Input Voltage	220 - 240V AC (50-60 Hz) Electronic Controlgear from Helvar
Beam Angle	20° / 40°
Color Temperature	2700 / 3000 / 4000 / 5000K others available on request
Color Rendering Index	80 / 90
Dimming Protocols	DALI-2 / Wireless / 1-10V CASAMBI
Dimensions	Ø 50 x H71 mm

Electronic control
gear from

Helvar

Model No	ALENA MR16 80
Load Wattage	15 W
Input Voltage	220 - 240V AC (50-60 Hz) Electronic Controlgear from Helvar
Beam Angle	20° / 40°
Color Temperature	2700 / 3000 / 4000 / 5000K others available on request
Color Rendering Index	80 / 90
Dimming Protocols	DALI-2 / Wireless / 1-10V CASAMBI
Dimensions	Ø 50 x H80 mm

