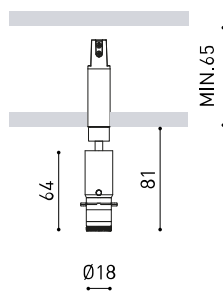




Dimensions



Accessories



MAGNETIC CONNECTOR
(MANDATORY)



DRIVER OPTIONS



TRIMLESS TOOL

PRODUCT

Name	MAGNETIC 24V MICRO SHAPER 52° 2700K N
Reference	A5450010N
Colour	Black
RAL	Anodised, bath colour, looks alike RAL 9005
Category	CEILING RECESSED

LIGHT SOURCE

Type	LED
Gross luminous flux	190 lm
Colour temperature	2700 K - Other K, please consult
Chromatic stability	MacAdam Step 3
Colour Rendering Index	CRI > 90
Power	2,2 W
Current	700 mA
Efficacy	86 lm/W
LED lifespan	L90B10 > 102.000h
Energy efficiency class	F

LIGHTING FIXTURE | PHOTOMETRIC DATA

Lighting efficiency	29%
Light beam angle	52°

LIGHTING FIXTURE | ELECTRICAL DATA

Power values of the system	3,01 W
Dimming	DIM options
Electrical insulation class	ⓘ

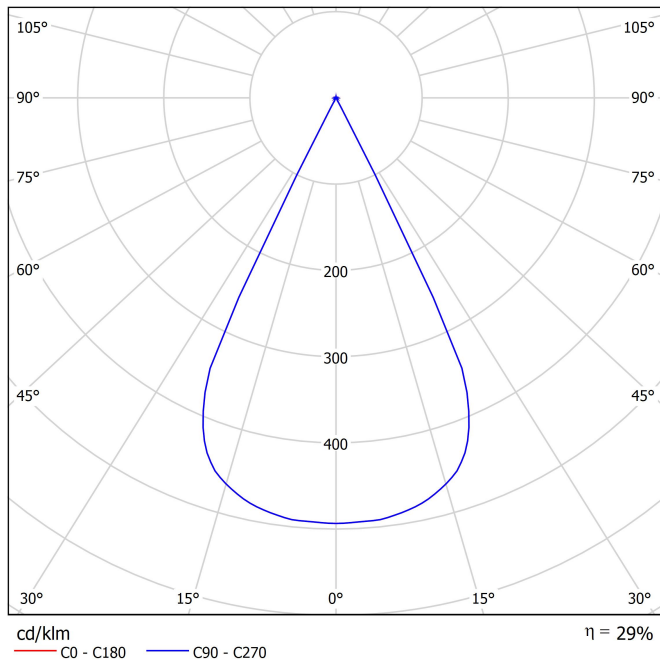
OTHER DATA

Sealing	IP20
Wireless control	Please Consult
Swivel angle	90°
Rotation angle	360°
Weight	55 g
Packaged weight	105 g
Packaging dimensions	119 x 117 x 57 mm
Units per package	1
Materials	Aluminium / Optical Glass

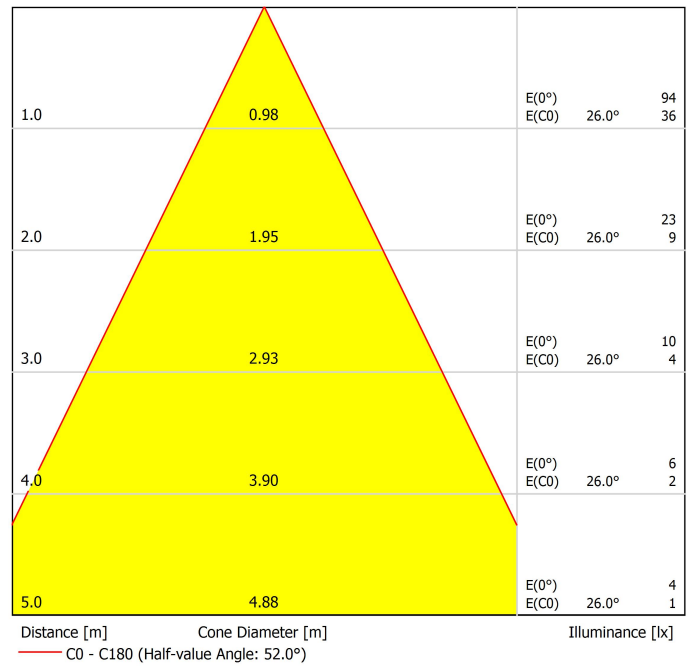


In an exercise of unusual miniaturization, the Micro Shaper profiler is born to define and project light with precision, versatility, and maximum attention to detail. Its operation is based on the successive refraction of light through a set of lenses, ensuring the highest definition of the generated beam and providing the possibility to shape it by creating various geometric forms (circular, triangular, as well as other polygonal variations). Depending on its optics, one can choose between a fixed 52° opening or a variable diameter opening from 18 to 34°, achieving light beams of different proportions.

Polar diagram

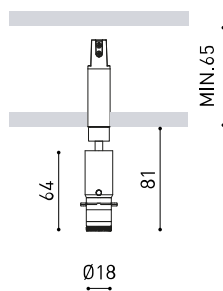


Conical diagram





Dimensions



Accessories



MAGNETIC CONNECTOR
(MANDATORY)



TRIMLESS TOOL



DRIVER OPTIONS

PRODUCT

Name	MAGNETIC 24V MICRO SHAPER 52° 3000K N
Reference	A5450011N
Colour	Black
RAL	Anodised, bath colour, looks alike RAL 9005
Category	CEILING RECESSED

LIGHT SOURCE

Type	LED
Gross luminous flux	210 lm
Colour temperature	3000 K - Other K, please consult
Chromatic stability	MacAdam Step 3
Colour Rendering Index	CRI>90
Power	2,2 W
Current	700 mA
Efficacy	95 lm/W
LED lifespan	L90B10 >102.000h
Energy efficiency class	E

LIGHTING FIXTURE | PHOTOMETRIC DATA

Lighting efficiency	29%
Light beam angle	52°

LIGHTING FIXTURE | ELECTRICAL DATA

Power values of the system	3,01 W
Dimming	DIM options
Electrical insulation class	⚡

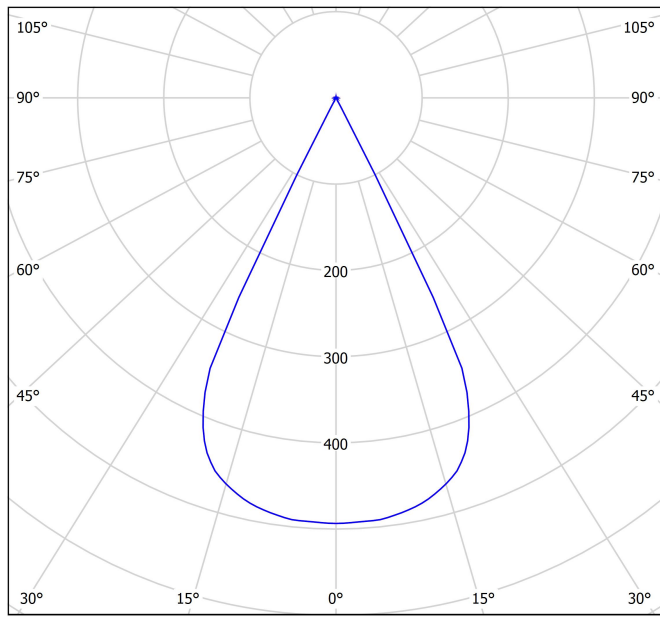
OTHER DATA

Sealing	IP20
Wireless control	Please Consult
Swivel angle	90°
Rotation angle	360°
Weight	55 g
Packaged weight	105 g
Packaging dimensions	119 x 117 x 57 mm
Units per package	1
Materials	Aluminium / Optical Glass



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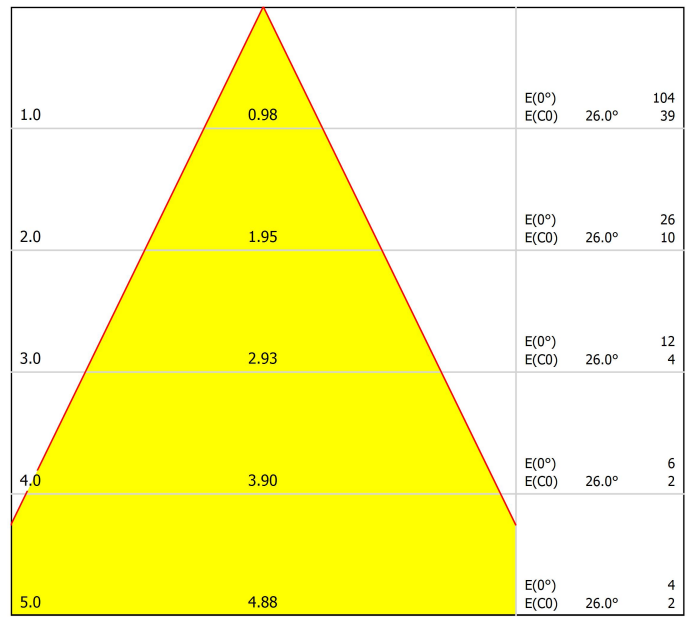
Polar diagram



cd/klm
 — C0 - C180 — C90 - C270

$\eta = 29\%$

Conical diagram

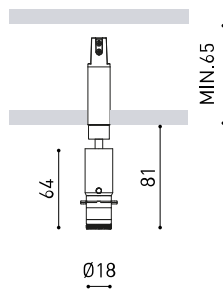


Distance [m] Cone Diameter [m]
 — C0 - C180 (Half-value Angle: 52.0°)

Illuminance [lx]



Dimensions



Accessories



MAGNETIC CONNECTOR
(MANDATORY)



TRIMLESS TOOL



DRIVER OPTIONS

PRODUCT

Name	MAGNETIC 24V MICRO SHAPER 52° 4000K N
Reference	A5450012N
Colour	Black
RAL	Anodised, bath colour, looks alike RAL 9005
Category	CEILING RECESSED

LIGHT SOURCE

Type	LED
Gross luminous flux	250 lm
Colour temperature	4000 K - Other K, please consult
Chromatic stability	MacAdam Step 3
Colour Rendering Index	CRI>90
Power	2,2 W
Current	700 mA
Efficacy	114 lm/W
LED lifespan	L90B10 >102.000h
Energy efficiency class	E

LIGHTING FIXTURE | PHOTOMETRIC DATA

Lighting efficiency	29%
Light beam angle	52°

LIGHTING FIXTURE | ELECTRICAL DATA

Power values of the system	3,01 W
Dimming	DIM options
Electrical insulation class	⚡

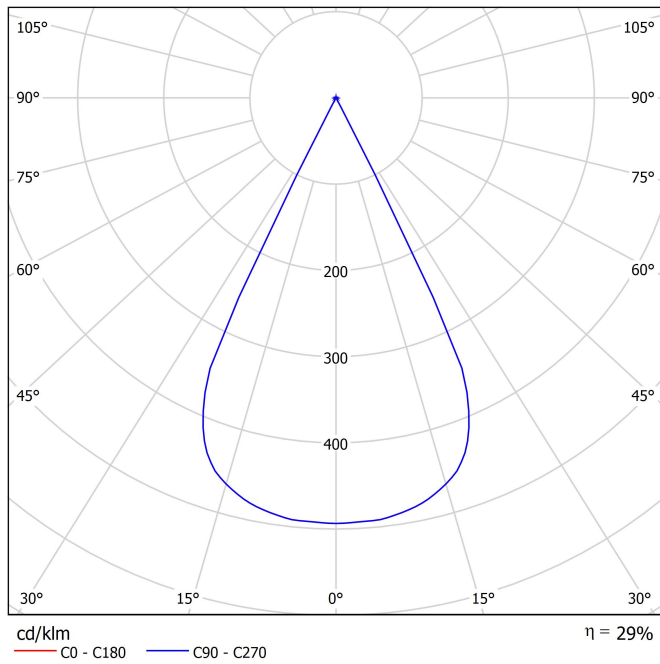
OTHER DATA

Sealing	IP20
Wireless control	Please Consult
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Packaged weight	105 g
Packaging dimensions	119 x 117 x 57 mm
Units per package	1
Materials	Aluminium / Optical Glass

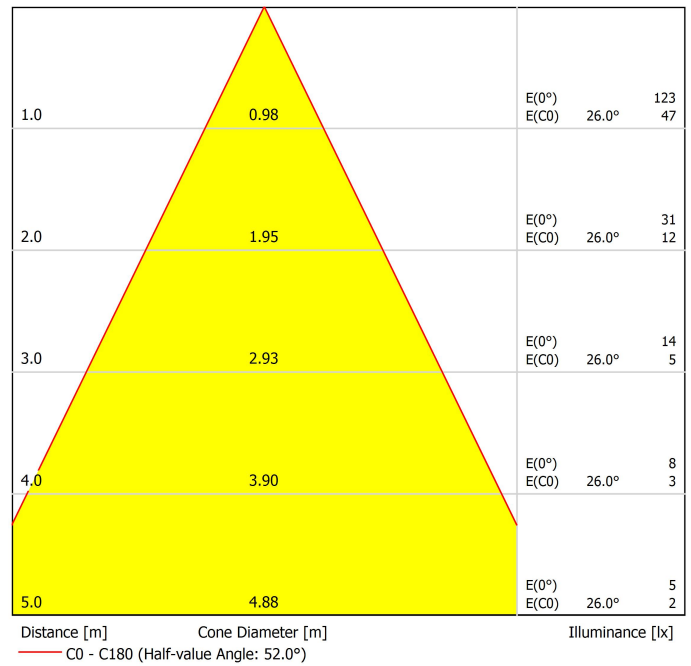


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Polar diagram



Conical diagram





Fuente de luz (LED) reemplazable por un profesional autorizado

Replaceable (LED only) light source by an authorized professional.

Source lumineuse (LED) remplaçable par un professionnel agréé

Sorgente luminosa (LED) sostituibile da parte di un professionista autorizzato

Austauschbare (LED) Lichtquelle durch einen autorisierten Fachmann



Equipo de control reemplazable por un profesional autorizado

Replaceable control gear by an authorized professional

Dispositif de commande remplaçable par un professionnel agréé

Alimentatore sostituibile da parte di un professionista autorizzato

Auswechselbares Betriebsgerät durch autorisierten Fachmann

Instrucciones para el final de vida y la eliminación de los componentes:

Instructions on end-of-life and component disposal:

Instructions pour la gestion des composants en fin de vie et leur mise au rebut :

Istruzioni per il fine vita e lo smaltimento dei componenti:

Anweisungen zur entsorgung der Leuchtenkomponenten:



Interrumpir la alimentación del aparato
Cut the power supply to the luminaire
Couper l'alimentation du luminaire
Interrompere l'alimentazione dell'apparecchio
Stromversorgung der Leuchte unterbrechen



Quitar la(s) fuente(s) de luz para el desecho
Remove light source(s) for disposal
Retirer la (les) source(s) lumineuse(s) pour l'élimination
Rimuovere la/le sorgente/e di luce per lo smaltimento
Lichtquelle(n) zur Entsorgung entfernen



Quitar la batería para el desecho
Remove the battery for decommissioning
Retirer la batterie pour sa mise au rebut
Rimuovere la batteria per la dismissione
Die Batterie ordnungsgemäß entsorgen



Quitar el equipo de control para el desecho
Remove control gear for disposal
Retirer le dispositif de commande pour l'élimination
Rimuovere l'alimentatore per lo smaltimento
Betriebsgerät zur Entsorgung ausbauen



Enviar los materiales a un centro de recogida RAEE
Send the materials to a WEEE collection centre
Envoyer les matériaux dans une déchetterie DEEE
Inviare i materiali ad un centro di raccolta RAEE
Die Materialien in einem WEEE-Zentrum entsorgen

