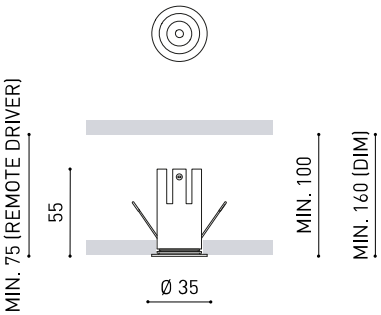
Nano

ARKOSLIGHT

Dimensions



	PRODUCT
Name	NANO RECESSED SPOT 2700K N
Reference	A5390100N
Color	Black
RAL	Colour in the mass looks alike RAL 9005
Category	CEILING RECESSED

	LIGHT SOURCE
Type	LED
Gross luminous flux	570 lm
Colour temperature	2700 K
Chromatic stability	MacAdam Step 2
Colour Rendering Index	CRI>90
Power	5,5 W
Current	250 mA
Efficacy	104 lm/W
LED lifespan	L80B10 >55.000h

	LIGHTING FIXTURE | PHOTOMETRIC DATA
Lighting efficiency	76%
Light beam angle	18°

	LIGHTING FIXTURE | ELECTRICAL DATA
Driver	Included - Connected
Power values of the system	7,04 W
Frequency	50/60 Hz
Dimming	No Dim - Other DIM, please consult
Electrical insulation class	□

	OTHER DATA
Sealing	IP20
Energy efficiency class	F
Emergency power supply	Please Consult
Recess measurements	Ø30 mm
Weight	75 g
Packaged weight	105 g
Packaging dimensions	155 x 60 x 45 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

Nano is an exercise in formal synthesis that redraws the boundaries of technical lighting, offering maximum light output with minimum use of raw materials. Nano is an evolution of the downlight because of its basic and compact design. It provides up to 640 lumens from a compact body.

Calle N, s/n - Pol. Ind. El Oliveral
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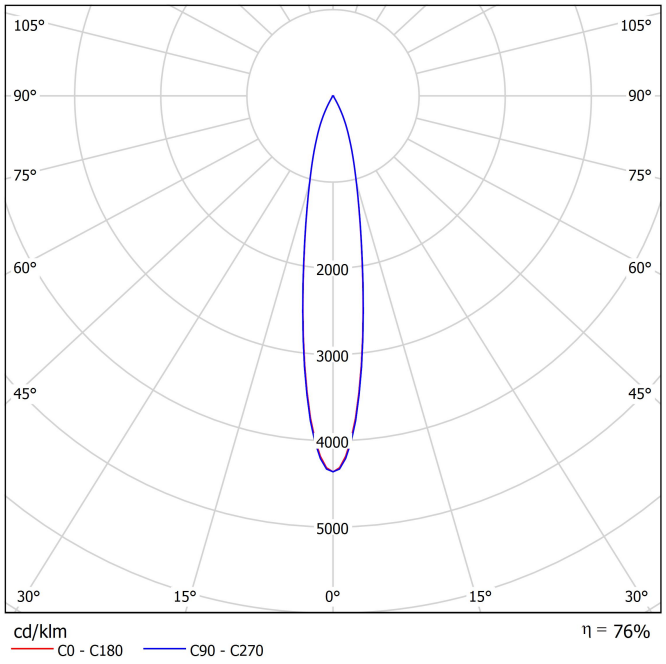
5 Year GUARANTEE*

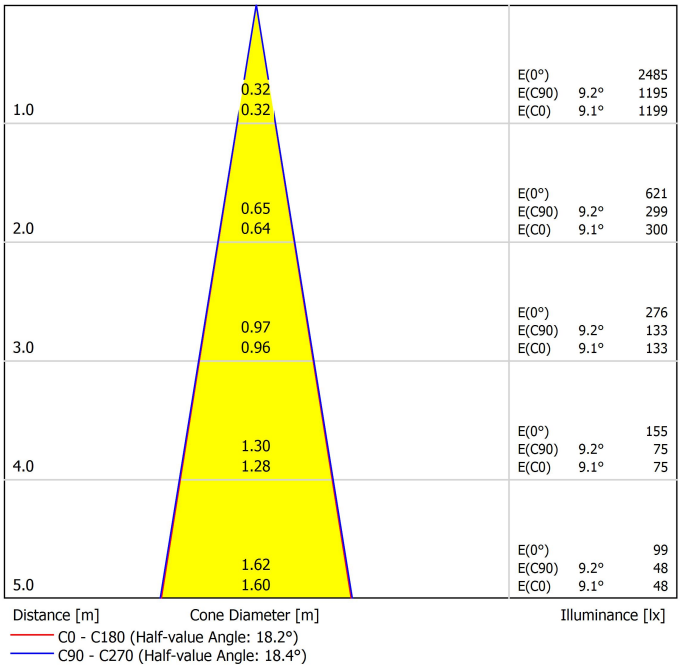
Lighting technical data

ARKOSLIGHT

Polar diagram



Conical diagram



UGR

Glare Evaluation According to UGR

ρ Ceiling		70	70	50	50	30	70	70	50	50	30
ρ Walls		50	30	50	30	30	50	30	50	30	30
ρ Floor		20	20	20	20	20	20	20	20	20	20
Room Size X	Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	10.9	11.5	11.1	11.7	11.9	11.2	11.9	11.5	12.1	12.3
	3H	11.4	12.0	11.6	12.2	12.4	11.7	12.3	12.0	12.5	12.8
	4H	11.6	12.1	11.9	12.4	12.6	11.9	12.5	12.2	12.7	13.0
	6H	11.8	12.3	12.1	12.6	12.9	12.1	12.7	12.5	12.9	13.2
	8H	11.9	12.4	12.3	12.7	13.0	12.3	12.8	12.6	13.1	13.3
	12H	12.2	12.6	12.5	12.9	13.2	12.4	12.9	12.8	13.2	13.5
4H	2H	11.0	11.6	11.3	11.8	12.1	11.3	11.9	11.6	12.1	12.4
	3H	11.7	12.1	12.0	12.4	12.8	12.0	12.5	12.3	12.8	13.1
	4H	12.0	12.4	12.4	12.8	13.1	12.3	12.7	12.7	13.0	13.4
	6H	12.4	12.7	12.8	13.1	13.5	12.7	13.0	13.1	13.4	13.8
	8H	12.6	12.9	13.0	13.3	13.7	12.9	13.2	13.3	13.6	14.0
	12H	13.0	13.2	13.4	13.6	14.0	13.1	13.4	13.6	13.8	14.2
8H	4H	12.2	12.5	12.6	12.8	13.2	12.4	12.7	12.8	13.1	13.5
	6H	12.7	12.9	13.1	13.3	13.8	12.9	13.2	13.4	13.6	14.0
	8H	13.0	13.2	13.5	13.6	14.1	13.3	13.4	13.7	13.9	14.4
	12H	13.5	13.7	14.0	14.1	14.6	13.7	13.8	14.2	14.3	14.8
12H	4H	12.2	12.4	12.6	12.8	13.3	12.4	12.7	12.9	13.1	13.5
	6H	12.8	12.9	13.2	13.4	13.8	13.0	13.2	13.5	13.6	14.1
	8H	13.2	13.3	13.6	13.8	14.3	13.4	13.5	13.9	14.0	14.5

Variation of the observer position for the luminaire distances S

S = 1.0H	+1.4 / -0.6	+1.2 / -0.5
S = 1.5H	+2.8 / -1.5	+2.3 / -1.2
S = 2.0H	+4.3 / -2.2	+3.7 / -2.1
Standard table	BK03	BK03
Correction Summand	-3.2	-3.1

Corrected Glare Indices referring to 570lm Total Luminous Flux

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Nano

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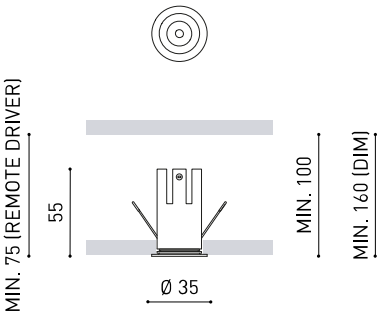
Dimensions



	PRODUCT
Name	NANO RECESSED FLOOD 3000K W
Reference	A5390111W
Color	White
RAL	Colour in the mass looks alike RAL 9016
Category	CEILING RECESSED

	LIGHT SOURCE
Type	LED
Gross luminous flux	600 lm
Colour temperature	3000 K
Chromatic stability	MacAdam Step 2
Colour Rendering Index	CRI>90
Power	5,5 W
Current	250 mA
Efficacy	109 lm/W
LED lifespan	L80B10 >55.000h

	LIGHTING FIXTURE | PHOTOMETRIC DATA
Lighting efficiency	84%
Light beam angle	34°

	LIGHTING FIXTURE | ELECTRICAL DATA
Driver	Included - Connected
Power values of the system	7,04 W
Frequency	50/60 Hz
Dimming	No Dim - Other DIM, please consult
Electrical insulation class	□

	OTHER DATA
Sealing	IP20
Energy efficiency class	E
Emergency power supply	Please Consult
Recess measurements	Ø30 mm
Weight	75 g
Packaged weight	105 g
Packaging dimensions	155 x 60 x 45 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

Nano is an exercise in formal synthesis that redraws the boundaries of technical lighting, offering maximum light output with minimum use of raw materials. Nano is an evolution of the downlight because of its basic and compact design. It provides up to 640 lumens from a compact body.

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5 Year GUARANTEE*

Lighting technical data

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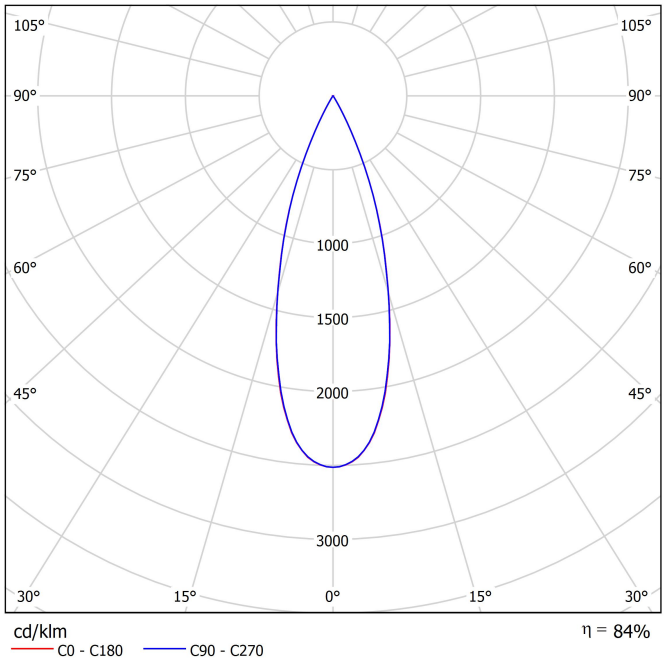
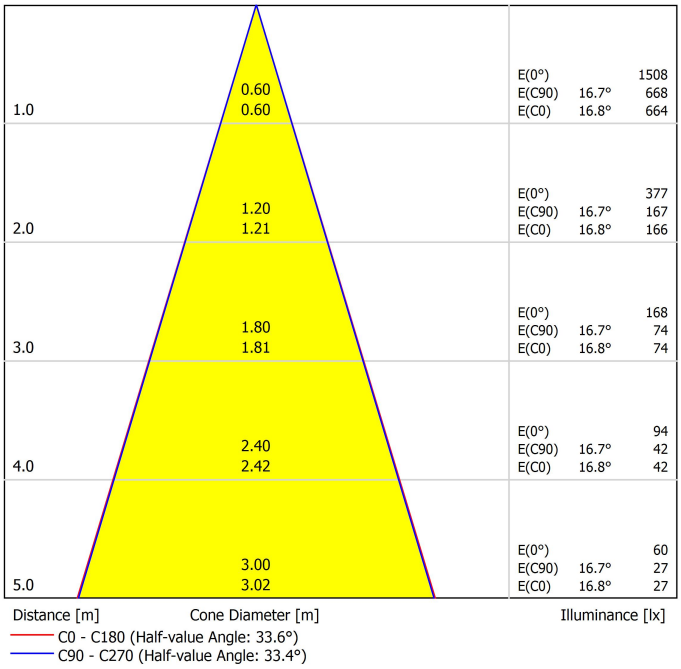
Polar diagram



Conical diagram



UGR

Glare Evaluation According to UGR

ρ Ceiling		70	70	50	50	30	70	70	50	50	30
ρ Walls		50	30	50	30	30	50	30	50	30	30
ρ Floor		20	20	20	20	20	20	20	20	20	20
Room Size X	Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	0.8	1.5	1.1	1.6	1.8	0.8	1.4	1.0	1.6	1.8
	3H	3.0	3.5	3.2	3.8	4.0	3.0	3.6	3.3	3.9	4.1
	4H	4.2	4.7	4.5	5.0	5.2	4.2	4.8	4.5	5.0	5.3
	6H	5.4	5.9	5.7	6.2	6.5	5.4	6.0	5.8	6.2	6.5
	8H	5.9	6.4	6.3	6.7	7.0	6.0	6.5	6.4	6.8	7.1
	12H	6.7	7.1	7.0	7.4	7.7	6.7	7.2	7.1	7.5	7.8
4H	2H	1.5	2.0	1.8	2.3	2.5	1.5	2.0	1.8	2.3	2.5
	3H	3.9	4.3	4.2	4.6	5.0	4.0	4.4	4.3	4.7	5.0
	4H	5.4	5.8	5.7	6.1	6.4	5.4	5.7	5.7	6.1	6.4
	6H	6.8	7.1	7.2	7.5	7.9	6.8	7.1	7.2	7.5	7.9
	8H	7.4	7.7	7.8	8.1	8.5	7.5	7.8	7.9	8.1	8.5
	12H	8.3	8.5	8.7	8.9	9.3	8.3	8.6	8.8	9.0	9.4
8H	4H	5.9	6.2	6.3	6.6	7.0	5.9	6.2	6.3	6.5	6.9
	6H	7.6	7.8	8.0	8.2	8.6	7.5	7.7	8.0	8.2	8.6
	8H	8.3	8.5	8.8	9.0	9.4	8.4	8.6	8.9	9.0	9.5
	12H	9.4	9.5	9.9	10.0	10.5	9.4	9.6	9.9	10.0	10.5
12H	4H	6.0	6.2	6.4	6.6	7.1	6.0	6.2	6.4	6.6	7.1
	6H	7.7	7.9	8.2	8.4	8.8	7.7	7.9	8.2	8.3	8.8
	8H	8.6	8.8	9.1	9.2	9.7	8.7	8.8	9.2	9.3	9.8

Variation of the observer position for the luminaire distances S

S = 1.0H	+2.7 / -0.9	+2.4 / -0.7
S = 1.5H	+4.8 / -1.2	+4.4 / -1.0
S = 2.0H	+6.6 / -1.6	+6.1 / -1.3
Standard table	BK05	---
Correction Summand	-7.1	---

Corrected Glare Indices referring to 600lm Total Luminous Flux

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Nano

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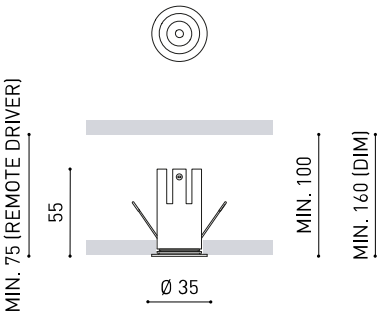
Dimensions



	PRODUCT
Name	NANO RECESSED SPOT 3500K N
Reference	A5390103N
Color	Black
RAL	Colour in the mass looks alike RAL 9005
Category	CEILING RECESSED

	LIGHT SOURCE
Type	LED
Gross luminous flux	625 lm
Colour temperature	3500 K
Chromatic stability	MacAdam Step 2
Colour Rendering Index	CRI>90
Power	5,5 W
Current	250 mA
Efficacy	114 lm/W
LED lifespan	L80B10 >55.000h

	LIGHTING FIXTURE | PHOTOMETRIC DATA
Lighting efficiency	76%
Light beam angle	18°

	LIGHTING FIXTURE | ELECTRICAL DATA
Driver	Included - Connected
Power values of the system	7,04 W
Frequency	50/60 Hz
Dimming	No Dim - Other DIM, please consult
Electrical insulation class	□

	OTHER DATA
Sealing	IP20
Energy efficiency class	E
Emergency power supply	Please Consult
Recess measurements	Ø30 mm
Weight	75 g
Packaged weight	105 g
Packaging dimensions	155 x 60 x 45 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

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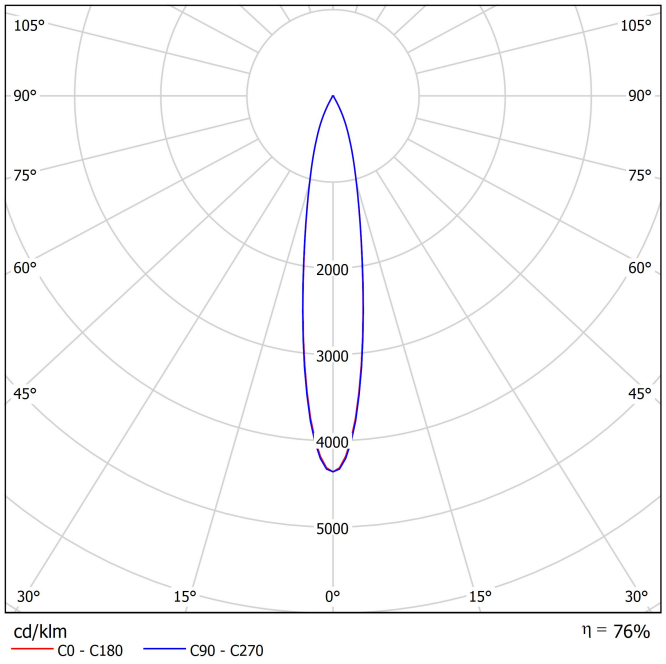
5 Year GUARANTEE*

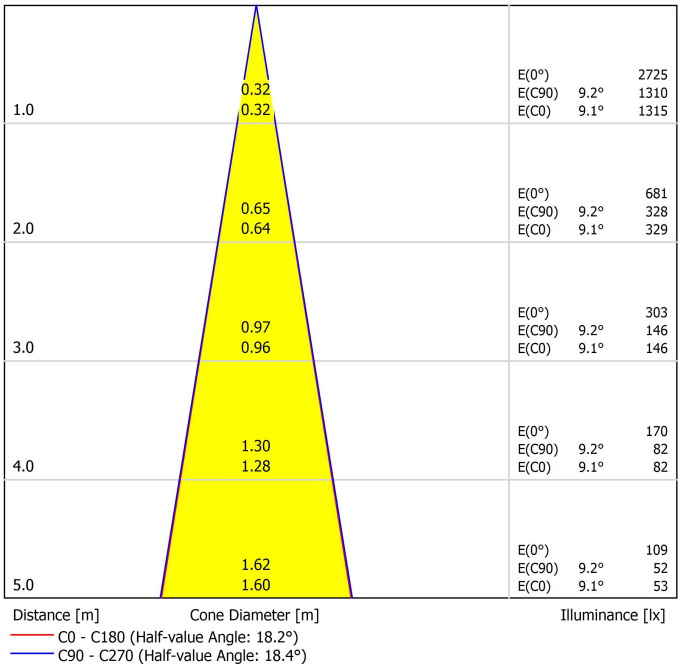
Lighting technical data

ARKOSLIGHT

Polar diagram



Conical diagram



UGR

Glare Evaluation According to UGR

ρ Ceiling		70	70	50	50	30	70	70	50	50	30
ρ Walls		50	30	50	30	30	50	30	50	30	30
ρ Floor		20	20	20	20	20	20	20	20	20	20
Room Size X	Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	11.2	11.9	11.4	12.1	12.2	11.5	12.2	11.8	12.4	12.6
	3H	11.7	12.3	12.0	12.5	12.7	12.0	12.6	12.3	12.9	13.1
	4H	11.9	12.5	12.2	12.7	13.0	12.2	12.8	12.5	13.0	13.3
	6H	12.1	12.6	12.4	12.9	13.2	12.5	13.0	12.8	13.3	13.5
	8H	12.3	12.8	12.6	13.0	13.3	12.6	13.1	12.9	13.4	13.7
	12H	12.5	12.9	12.8	13.2	13.6	12.7	13.2	13.1	13.5	13.8
4H	2H	11.3	11.9	11.6	12.2	12.4	11.6	12.2	11.9	12.5	12.7
	3H	12.0	12.5	12.3	12.8	13.1	12.3	12.8	12.7	13.1	13.4
	4H	12.3	12.8	12.7	13.1	13.4	12.6	13.0	13.0	13.4	13.7
	6H	12.7	13.0	13.1	13.4	13.8	13.0	13.3	13.4	13.7	14.1
	8H	12.9	13.2	13.3	13.6	14.0	13.2	13.5	13.6	13.9	14.3
	12H	13.3	13.5	13.7	13.9	14.3	13.5	13.7	13.9	14.1	14.5
8H	4H	12.5	12.8	12.9	13.2	13.6	12.7	13.0	13.2	13.4	13.8
	6H	13.0	13.2	13.5	13.6	14.1	13.3	13.5	13.7	13.9	14.4
	8H	13.3	13.5	13.8	14.0	14.4	13.6	13.8	14.0	14.2	14.7
	12H	13.9	14.0	14.3	14.5	15.0	14.0	14.1	14.5	14.6	15.1
12H	4H	12.5	12.8	12.9	13.2	13.6	12.8	13.0	13.2	13.4	13.8
	6H	13.1	13.3	13.5	13.7	14.2	13.3	13.5	13.8	14.0	14.4
	8H	13.5	13.6	14.0	14.1	14.6	13.7	13.8	14.2	14.3	14.8

Variation of the observer position for the luminaire distances S

S = 1.0H	+1.4 / -0.6	+1.2 / -0.5
S = 1.5H	+2.8 / -1.5	+2.3 / -1.2
S = 2.0H	+4.3 / -2.2	+3.7 / -2.1
Standard table	BK03	BK03
Correction Summand	-3.2	-3.1

Corrected Glare Indices referring to 625lm Total Luminous Flux

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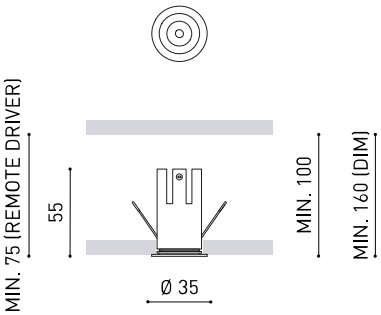
Nano

ARKOSLIGHT

Dimensions



	PRODUCT
Name	NANO RECESSED FLOOD 4000K W
Reference	A5390112W
Color	White
RAL	Colour in the mass looks alike RAL 9016
Category	CEILING RECESSED

	LIGHT SOURCE
Type	LED
Gross luminous flux	640 lm
Colour temperature	4000 K
Chromatic stability	MacAdam Step 2
Colour Rendering Index	CRI>90
Power	5,5 W
Current	250 mA
Efficacy	116 lm/W
LED lifespan	L80B10 >55.000h

	LIGHTING FIXTURE | PHOTOMETRIC DATA
Lighting efficiency	84%
Light beam angle	34°

	LIGHTING FIXTURE | ELECTRICAL DATA
Driver	Included - Connected
Power values of the system	7,04 W
Frequency	50/60 Hz
Dimming	No Dim - Other DIM, please consult
Electrical insulation class	□

	OTHER DATA
Sealing	IP20
Energy efficiency class	E
Emergency power supply	Please Consult
Recess measurements	Ø30 mm
Weight	75 g
Packaged weight	105 g
Packaging dimensions	155 x 60 x 45 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

Nano is an exercise in formal synthesis that redraws the boundaries of technical lighting, offering maximum light output with minimum use of raw materials. Nano is an evolution of the downlight because of its basic and compact design. It provides up to 640 lumens from a compact body.

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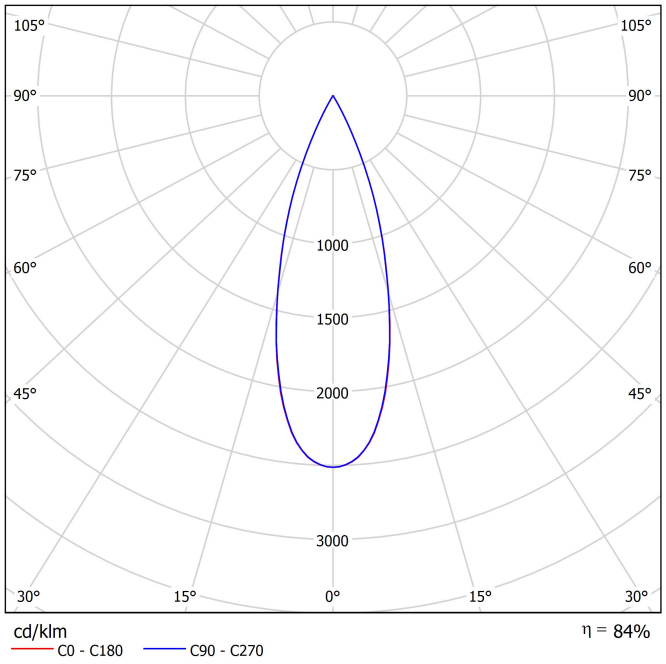
5 Year GUARANTEE*

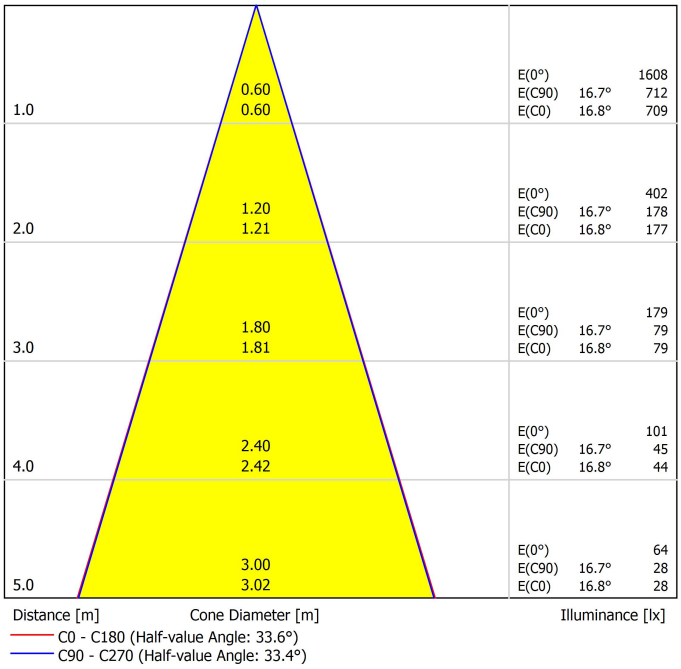
Lighting technical data

ARKOSLIGHT

Polar diagram



Conical diagram



UGR

Glare Evaluation According to UGR

ρ Ceiling		70	70	50	50	30	70	70	50	50	30
ρ Walls		50	30	50	30	30	50	30	50	30	30
ρ Floor		20	20	20	20	20	20	20	20	20	20
Room Size X	Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	1.0	1.7	1.3	1.9	2.1	1.0	1.7	1.3	1.8	2.0
	3H	3.2	3.8	3.5	4.0	4.2	3.3	3.9	3.5	4.1	4.3
	4H	4.4	5.0	4.7	5.2	5.5	4.5	5.0	4.8	5.3	5.5
	6H	5.6	6.1	6.0	6.4	6.7	5.7	6.2	6.0	6.5	6.7
	8H	6.2	6.7	6.5	6.9	7.2	6.3	6.7	6.6	7.0	7.3
	12H	6.9	7.3	7.2	7.6	7.9	7.0	7.4	7.3	7.7	8.0
4H	2H	1.7	2.3	2.0	2.5	2.8	1.7	2.3	2.0	2.5	2.8
	3H	4.1	4.6	4.5	4.9	5.2	4.2	4.7	4.5	5.0	5.3
	4H	5.6	6.0	6.0	6.3	6.7	5.6	6.0	6.0	6.3	6.6
	6H	7.0	7.4	7.4	7.7	8.1	7.0	7.3	7.4	7.7	8.1
	8H	7.7	7.9	8.1	8.3	8.7	7.7	8.0	8.1	8.4	8.8
	12H	8.5	8.7	8.9	9.1	9.6	8.5	8.8	9.0	9.2	9.6
8H	4H	6.1	6.4	6.5	6.8	7.2	6.1	6.4	6.5	6.8	7.2
	6H	7.8	8.0	8.2	8.4	8.8	7.8	8.0	8.2	8.4	8.8
	8H	8.6	8.7	9.0	9.2	9.6	8.6	8.8	9.1	9.2	9.7
	12H	9.6	9.7	10.1	10.2	10.7	9.7	9.8	10.1	10.3	10.8
12H	4H	6.2	6.5	6.6	6.9	7.3	6.2	6.5	6.6	6.9	7.3
	6H	8.0	8.1	8.4	8.6	9.1	8.0	8.1	8.4	8.6	9.0
	8H	8.9	9.0	9.3	9.5	9.9	8.9	9.1	9.4	9.5	10.0

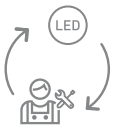
Variation of the observer position for the luminaire distances S

S = 1.0H	+2.7 / -0.9	+2.4 / -0.7
S = 1.5H	+4.8 / -1.2	+4.4 / -1.0
S = 2.0H	+6.6 / -1.6	+6.1 / -1.3
Standard table	BK05	---
Correction Summand	-7.1	---

Corrected Glare Indices referring to 640lm Total Luminous Flux

Ecodesign and Energy Labelling

ARKOSLIGHT



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

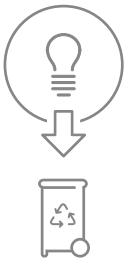
Dispositif de commande remplaçable par un professionnel agréé

Alimentatore sostituibile da parte di un professionista autorizzato

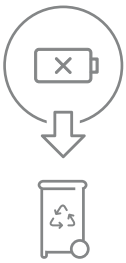
Auswechselbares Betriebsgerät durch autorisierten Fachmann

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:

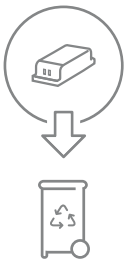
Interrumpir la alimentación del aparato
Cut the power supply to the luminaire
Couper l'alimentation du luminaire
Interrompere l'alimentazione dell'apparecchio
Stromversorgung der Leuchte unterbrechen



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

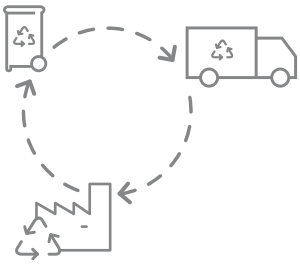


Quitar la batería para el desecho
Remove the battery for decommissioning
Retirer la batterie pour sa mise au rebut
Rimuovere la batteria per la dismissione
Die Batterie ordnungsgemäß entsorgen



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



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