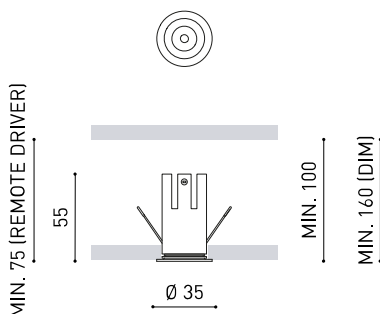




Dimensions



Name	NANO RECESSED SPOT DALI 4000K W
Reference	A5390202W
Colour	White
RAL	Colour in the mass looks alike RAL 9016
Category	CEILING RECESSED

PRODUCT

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
Energy efficiency class	E

LIGHT SOURCE

Lighting efficiency	76%
Light beam angle	18°

LIGHTING FIXTURE | PHOTOMETRIC DATA

Driver	Included - Connected
Power values of the system	7,42 W
Frequency	50/60 Hz
Dimming	DALI - Other DIM, please consult
Electrical insulation class	<input type="checkbox"/>

LIGHTING FIXTURE | ELECTRICAL DATA

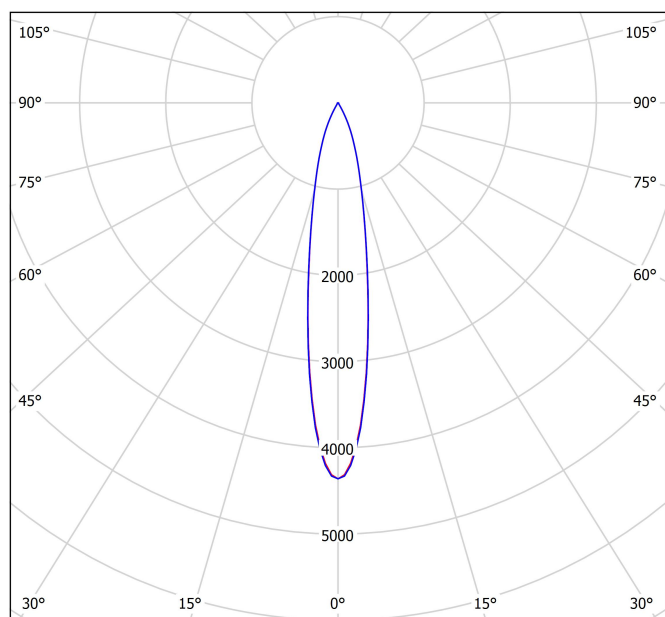
Sealing	IP20
Emergency power supply	Please Consult
Recess measurements	Ø30 mm
Weight	130 g
Packaged weight	160 g
Packaging dimensions	155 x 60 x 45 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA



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.

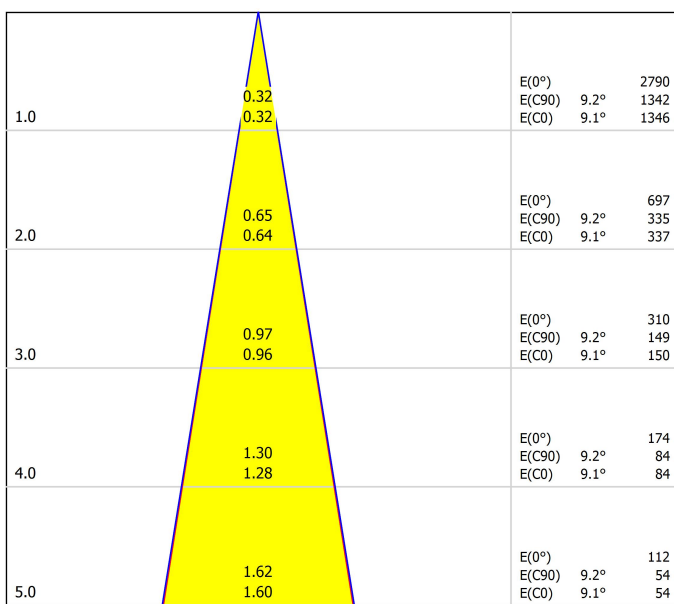
Polar diagram



cd/klm
 — C0 - C180 — C90 - C270

η = 76%

Conical diagram



Distance [m] Cone Diameter [m] Illuminance [lx]

— C0 - C180 (Half-value Angle: 18.2°)
 — C90 - C270 (Half-value Angle: 18.4°)

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	11.3	11.9	11.5	12.1	12.3	11.6	12.3	11.9	12.5	12.7
	3H	11.8	12.4	12.0	12.6	12.8	12.1	12.7	12.4	13.0	13.2
	4H	12.0	12.5	12.3	12.8	13.1	12.3	12.9	12.6	13.1	13.4
	6H	12.2	12.7	12.5	13.0	13.3	12.5	13.1	12.9	13.3	13.6
	8H	12.3	12.8	12.7	13.1	13.4	12.7	13.2	13.0	13.5	13.8
12H	12.6	13.0	12.9	13.3	13.6	12.8	13.3	13.2	13.6	13.9	
4H	2H	11.4	12.0	11.7	12.2	12.5	11.7	12.3	12.0	12.5	12.8
	3H	12.1	12.6	12.4	12.9	13.2	12.4	12.9	12.7	13.2	13.5
	4H	12.4	12.8	12.8	13.2	13.5	12.7	13.1	13.1	13.4	13.8
	6H	12.8	13.1	13.2	13.5	13.9	13.1	13.4	13.5	13.8	14.2
	8H	13.0	13.3	13.4	13.7	14.1	13.3	13.6	13.7	14.0	14.4
12H	13.4	13.6	13.8	14.0	14.4	13.5	13.8	14.0	14.2	14.6	
8H	4H	12.6	12.9	13.0	13.2	13.6	12.8	13.1	13.2	13.5	13.9
	6H	13.1	13.3	13.5	13.7	14.2	13.3	13.6	13.8	14.0	14.4
	8H	13.4	13.6	13.9	14.0	14.5	13.7	13.8	14.1	14.3	14.8
	12H	13.9	14.1	14.4	14.5	15.0	14.1	14.2	14.6	14.7	15.2
	12H	4H	12.6	12.8	13.0	13.2	13.7	12.8	13.1	13.3	13.5
6H		13.2	13.3	13.6	13.8	14.3	13.4	13.6	13.9	14.0	14.5
8H		13.6	13.7	14.0	14.2	14.7	13.8	13.9	14.3	14.4	14.9
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 640lm Total Luminous Flux											



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

