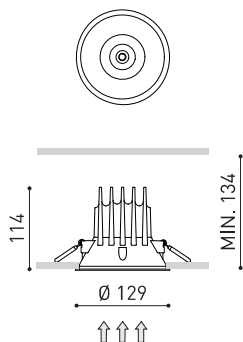




## Dimensions



## Awards



## PRODUCT

Name	SHOT LIGHT BIG 1 FLOOD 3000K N
Reference	A4481121N
Colour	Black
RAL	Colour in the mass looks alike RAL 9005
Category	CEILING RECESSED

## LIGHT SOURCE

Type	LED
Gross luminous flux	1600 lm
Colour temperature	3000 K
Chromatic stability	MacAdam Step 2
Colour Rendering Index	CRI>90
Power	11,8 W
Current	350 mA
Efficacy	136 lm/W
LED lifespan	L80B10 >60.000h
Energy efficiency class	F

## LIGHTING FIXTURE | PHOTOMETRIC DATA

Lighting efficiency	89%
Light beam angle	49°

## LIGHTING FIXTURE | ELECTRICAL DATA

Driver	Included - Connected
Power values of the system	13,92 W
Frequency	50/60 Hz
Dimming	No Dim - Other DIM, please consult
Electrical insulation class	<input type="checkbox"/>

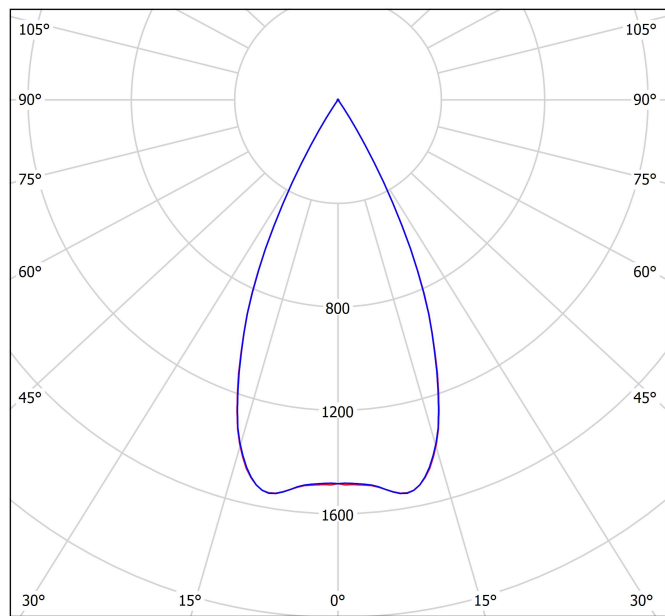
## OTHER DATA

Sealing	IP20
Wireless control	Please Consult
Emergency power supply	Please Consult
Recess measurements	Ø121 mm
Weight	620 g
Packaged weight	745 g
Packaging dimensions	150 x 158 x 128 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate



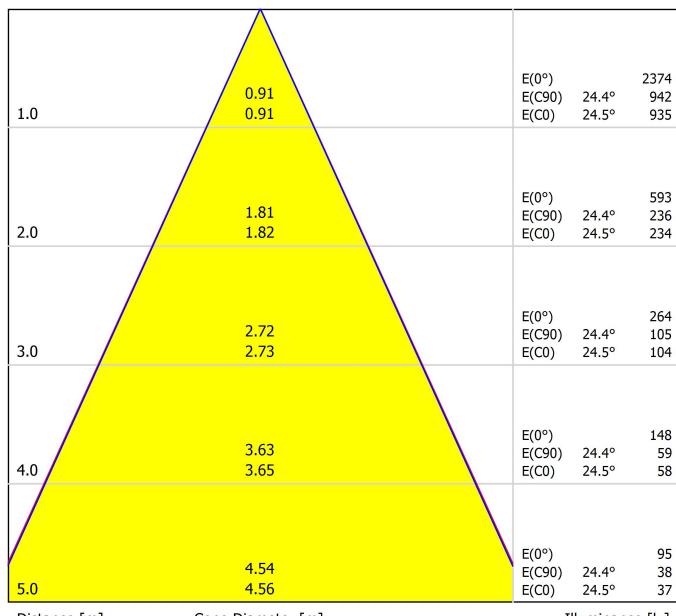
Shot Light Big is the downlight with the 'The Invisible Black' effect whose illumination enhances the majesty of large vertical spaces thanks to its great light through. It has been carefully designed so that the source of the light is not visible from almost any natural position of the observer, eliminating glare and ensuring perfect visual comfort.

## Polar diagram



cd/klm — C0 - C180 — C90 - C270 η = 89%

## Conical diagram



Distance [m]	Cone Diameter [m]	Illuminance [lx]
1.0	0.91	E(0°) 2374 E(C90) 24.4° 942 E(C0) 24.5° 935
2.0	1.81	E(0°) 593 E(C90) 24.4° 236 E(C0) 24.5° 234
3.0	2.72	E(0°) 264 E(C90) 24.4° 105 E(C0) 24.5° 104
4.0	3.63	E(0°) 148 E(C90) 24.4° 59 E(C0) 24.5° 58
5.0	4.54	E(0°) 95 E(C90) 24.4° 38 E(C0) 24.5° 37

Distance [m]      Cone Diameter [m]      Illuminance [lx]  
— C0 - C180 (Half-value Angle: 49.0°)  
— C90 - C270 (Half-value Angle: 48.8°)

## UGR

Glare Evaluation According to UGR											
p Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
p 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	-17.1	-16.4	-16.8	-16.2	-16.0	-17.8	-17.2	-17.6	-17.0	-16.8
	3H	-14.5	-13.9	-14.2	-13.7	-13.4	-14.4	-13.8	-14.1	-13.6	-13.3
	4H	-13.1	-12.6	-12.8	-12.3	-12.1	-11.6	-11.1	-11.3	-10.8	-10.6
	6H	-9.6	-9.1	-9.3	-8.8	-8.5	-10.1	-9.6	-9.7	-9.3	-9.0
	8H	-8.4	-8.0	-8.1	-7.7	-7.4	-8.0	-7.5	-7.7	-7.2	-6.9
4H	2H	-15.7	-15.1	-15.4	-14.9	-14.6	-16.1	-15.6	-15.8	-15.4	-15.1
	3H	-12.8	-12.4	-12.5	-12.1	-11.8	-12.7	-12.2	-12.3	-11.9	-11.6
	4H	-11.3	-10.9	-10.9	-10.6	-10.3	-10.4	-10.0	-10.0	-9.7	-9.3
	6H	-8.1	-7.8	-7.7	-7.4	-7.0	-8.7	-8.4	-8.3	-8.0	-7.6
	8H	-6.8	-6.5	-6.3	-6.1	-5.7	-6.4	-6.1	-6.0	-5.7	-5.3
8H	2H	-5.1	-4.8	-4.6	-4.4	-4.0	-5.2	-5.0	-4.8	-4.6	-4.2
	4H	-10.1	-9.8	-9.7	-9.5	-9.1	-9.5	-9.3	-9.1	-8.9	-8.5
	6H	-6.9	-6.7	-6.5	-6.3	-5.9	-7.4	-7.2	-6.9	-6.7	-6.3
	8H	-5.4	-5.2	-4.9	-4.8	-4.3	-5.0	-4.8	-4.5	-4.4	-3.9
	12H	-3.5	-3.4	-3.1	-2.9	-2.5	-3.7	-3.6	-3.2	-3.1	-2.6
12H	4H	-9.9	-9.6	-9.4	-9.2	-8.8	-9.3	-9.1	-8.9	-8.7	-8.3
	6H	-6.5	-6.4	-6.1	-5.9	-5.4	-6.9	-6.7	-6.4	-6.3	-5.8
	8H	-4.9	-4.8	-4.4	-4.3	-3.8	-4.6	-4.4	-4.1	-4.0	-3.5
Variation of the observer position for the luminaires distances S											
S = 1.0H		+7.0 / -9.1					+7.0 / -9.2				
S = 1.5H		+9.8 / -9.7					+9.8 / -9.5				
S = 2.0H		+11.8 / -10.0					+11.8 / -10.0				
Standard table		BK00					BK00				
Correction Summand							-14.6				
Corrected Glare Indices referring to 1600lm 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

