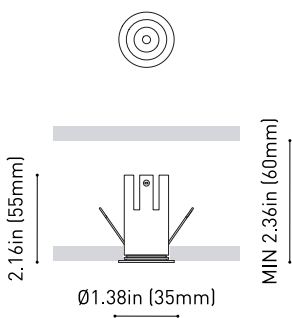




DIMENSIONS



PRODUCT

Name	NANO RECESSED UL SPOT 2700K W
Reference	U5390000W
Color	White
RAL	Color in the mass looks alike RAL 9016
Category	CEILING RECESSED

MOUNTING ACCESSORY / DRIVER

Mounting Accessory / Driver	Mandatory, not included. See next page
Model	REMOTE BOX 1-3.6W 100mA
Reference	U1000130

LIGHT SOURCE

Type	LED
Gross luminous flux	280 Lm
Color temperature	2700 K
Chromatic stability	MacAdam Step 2
Color Rendering Index	CRI>90
Power	2 W
Current	100 mA
Efficacy	140 Lm/W
LED lifespan	L80B10>55.000h

LIGHTING FIXTURE | PHOTOMETRIC DATA

Lighting efficiency	76%
Delivered luminous flux	213 Lm
Light beam angle	18°

LIGHTING FIXTURE | ELECTRICAL DATA

Power values of the system	3.3 W
Voltage	120-277 V
Frequency	50/60 Hz
Dimming	0-10V / TRIAC/ELV

OTHER DATA

IC Rated	Yes
Environmental location	DAMP

Nano is an exercise in formal synthesis that redraws the boundaries of technical lighting, offering maximum light output with minimum use of raw materials.

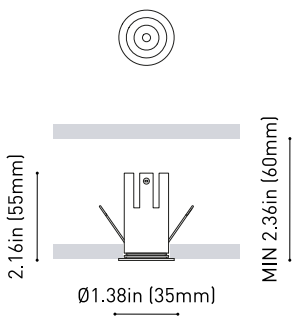


Recess measurements	Ø1.18 in Ø30 mm
Weight	0.110 lb 50 gr
Packaged weight	0.179 lb 81 gr
Packaging dimensions	3.15 x 2.68 x 3.54 in 80 x 68 x 90 mm
Materials	Aluminium - Acrylonitrile Butadiene Styrene - Polycarbonate

OTHER DATA

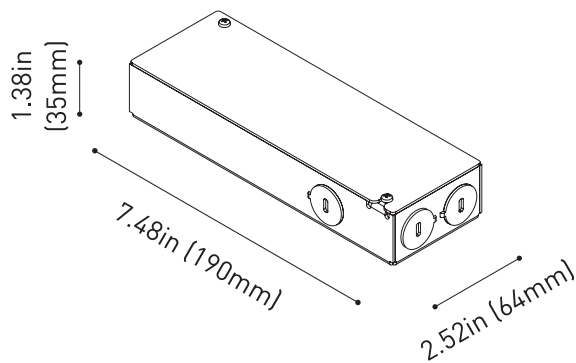


DIMENSIONS



Nano is an exercise in formal synthesis that redraws the boundaries of technical lighting, offering maximum light output with minimum use of raw materials.

Mandatory / Not Included

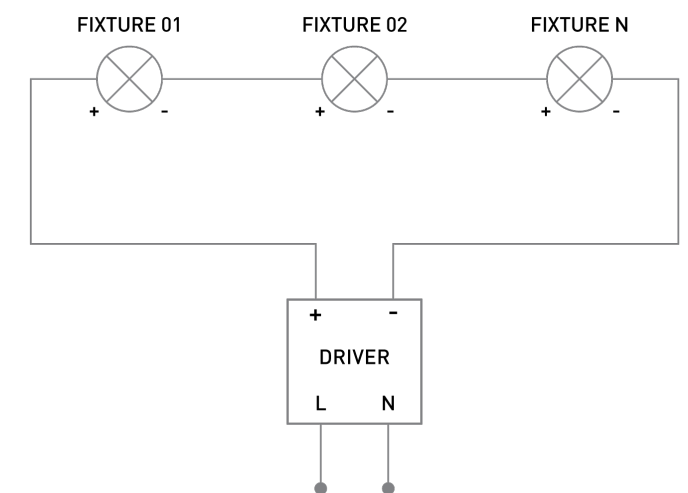


PRODUCT	
Model	REMOTE BOX 1-3.6W 100mA
Driver	Included
Reference	U1000130
IC Rated	Yes
Dimming	0-10V / TRIAC/ELV
Size	7.48 x 2.52 x 1.38 in 190 x 64 x 35 mm
Weight	1.21 lb 550 gr
Packaged weight	1.46 lb 665 gr
Packaging dimensions	11.26 x 2.91 x 1.77 in 286 x 74 x 45 mm
Nº Luminares	1
LED - Driver Distance	Maximum suggested distance is 24 feet

INPUT CHARACTERISTICS	
Input Voltage	120-277 V
Frequency	50/60 Hz

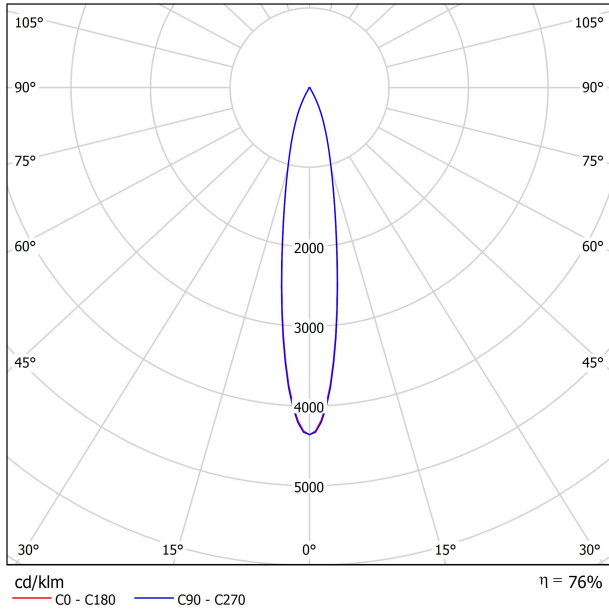
OUTPUT CHARACTERISTICS	
Output Voltage	10 - 40 V
Output Current	100 mA
Output Power	1 - 3.6 W



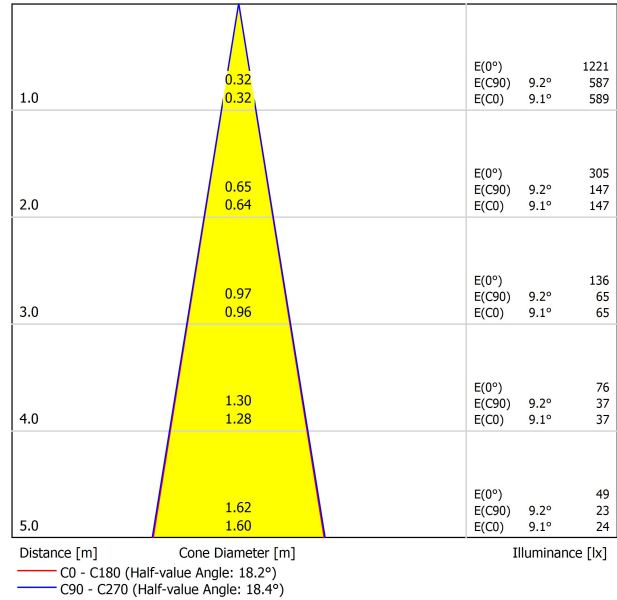


SERIAL CONNECTION FOR SEVERAL FIXTURES TO A SINGLE CONSTANT CURRENT DRIVER
RESPECT THE DISTANCE LED - DRIVER

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	8.4	9.1	8.7	9.3	9.5	8.7	9.4	9.0	9.6	9.8
	3H	8.9	9.5	9.2	9.7	9.9	9.2	9.9	9.5	10.1	10.3
	4H	9.1	9.7	9.4	9.9	10.2	9.4	10.0	9.7	10.3	10.5
	6H	9.3	9.9	9.7	10.1	10.4	9.7	10.2	10.0	10.5	10.8
	8H	9.5	10.0	9.8	10.2	10.5	9.8	10.3	10.1	10.6	10.9
	12H	9.7	10.2	10.0	10.5	10.8	10.0	10.4	10.3	10.7	11.0
4H	2H	8.6	9.1	8.9	9.4	9.6	8.9	9.4	9.2	9.7	9.9
	3H	9.2	9.7	9.6	10.0	10.3	9.5	10.0	9.9	10.3	10.6
	4H	9.6	10.0	9.9	10.3	10.6	9.8	10.2	10.2	10.6	10.9
	6H	9.9	10.3	10.3	10.6	11.0	10.2	10.5	10.6	10.9	11.3
	8H	10.1	10.4	10.5	10.8	11.2	10.4	10.7	10.8	11.1	11.5
	12H	10.5	10.7	10.9	11.1	11.6	10.7	10.9	11.1	11.3	11.7
8H	4H	9.7	10.0	10.1	10.4	10.8	10.0	10.3	10.4	10.6	11.0
	6H	10.2	10.4	10.7	10.9	11.3	10.5	10.7	10.9	11.1	11.6
	8H	10.5	10.7	11.0	11.2	11.6	10.8	11.0	11.3	11.4	11.9
	12H	11.1	11.2	11.5	11.7	12.2	11.2	11.3	11.7	11.8	12.3
12H	4H	9.7	10.0	10.1	10.4	10.8	10.0	10.2	10.4	10.6	11.0
	6H	10.3	10.5	10.8	10.9	11.4	10.5	10.7	11.0	11.2	11.6
	8H	10.7	10.8	11.2	11.3	11.8	10.9	11.1	11.4	11.5	12.0
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 280lm Total Luminous Flux											