NANOLED ROUND
WALK-OVER TRANSPARENT - REMOTE

Type:

Project :

SPECIFICATION SHEET

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NANOLED is a walk over inground luminaire providing either well defined accent lighting or evocative markers. The main feature of this in-ground luminaire is its extremely reduced dimensions. The lighting body is completely manufactured to ensure a high corrosion resistance and has no visible screws. Reduced energy consumption and high lighting performances complete the profile of this recessed spotlight.

Luminaire characteristics:

Power input: 0.8W (system wattage)
Lumens: 56lm or 61lm (for 3000K, 90CRI)
Luminaire efficacy: Up to 76lm/W

Source:	LUXEON LED module (LM-80) 2700K: 90CRI, 3000K: 90CRI, 4000K: 80CRI.
Lumen maintenance:	80% of initial lumens at 70 000 hours (L80), (LM-79).
Optics:	Spot and narrow flood with transparent diffuser.
Material:	Body: Polycarbonate body with stainless steel trim. Diffuser: Clear polycarbonate Back box: Polypropylene
Mounting:	Inground installation using a polypropylene back box. Supplied with 16'(5m) cabtyre. Longer cords available on request. Separate waterproof wiring box to be provided by the contractor. 12" of gravel is required below the luminaire to allow proper drainage.
Electrical:	High efficiency LED driver, rated at 50 000 hours. See remote LED driver options on page 2.
Finish:	Stainless steel.
Weight:	1.54lb (0.7kg)
Load capacity:	1102lb (500kg)
Contact temperature:	104°F (40°C)
Operating temperature:	-4°F to 122°F (-20°C to 50°C)
Warranty:	5 year limited warranty.
Ratings:	IP65, IP67, IK08
Certification:	cULus listed for wet location.

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Due to continuous improvements, the information herein may be changed without notice

SISTEMALUX

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ORDERING INFO

PRODUCT CODE

BACKBOX

MODEL	LED	VOLTAGE	FINISH
S3340 Round walk-over Spot 14°	**H** 2700K, 90CRI	**REM** Remote	**19** Stainless steel
S3364 Round walk-over Narrow flood 29°	**W** 3000K, 90CRI		
	N 4000K, 80CRI		

REMOTE LED DRIVER OPTIONS (TO BE ORDERED SEPARATELY)

PRODUCT CODE

DRIVER CODE

Outdoor rated drivers

Driver box model	Min-max units
	0.5W*
4545-0024-075-UNV-ND	1-90
4549-0024-075-UNV-D10	1-90
4551-0024-080-120-LTE	40-96

Indoor rated drivers

Driver box model	Min-max units
	0.5W*
4444-0024-020-120-ND	1-28
4449-0024-060-UNV-D10	1-72

* Wattage requirement for one (1) fixture (Remote fixture only).

Driver code example

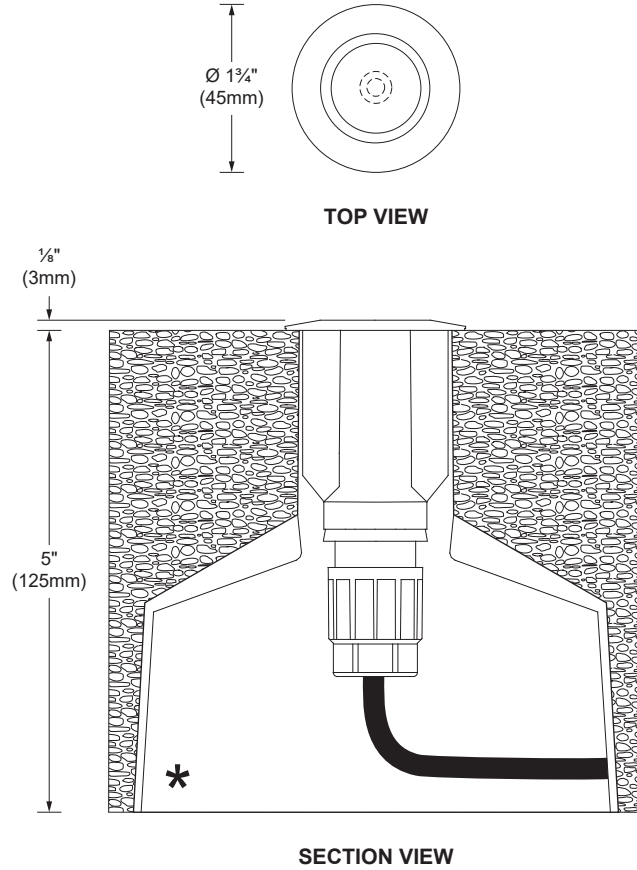| XXXX	-0024	-XXX	-XXX	-XXX
MODEL	**CONSTANT VOLTAGE**	**WATTAGE**	**VOLTAGE**	**DIMMING PROTOCOL**
4444 6" x 4" x 3" (152 x 102 x 76mm)	**0024** 24V	**020 to 080** 20W to 80W	**120** 120V	**ND** No dimming Max distance: 6m (20ft)**
4449 12" x 8" x 4" (305 x 203 x 102mm)			**UNV** 120-277V	**D10** 0-10V Max distance: 6m (20ft)** (down to 10%)
4545 11" x 3" x 2" (279 x 76 x 51mm)				**LTE** Leading edge and trailing edge (ELV and TRIAC) Max distance: 6m (20ft)** (down to 15%)
4549 14.5" x 5" x 3.5" (368 x 127 x 89mm)				
4551 14.5" x 5" x 2" (368 x 127 x 51mm)				

** Max distance cable calculated for 16AWG cable. Contact customer service for longer remote distance.

WIRING DIAGRAMS
Multiple luminaires must be connected in parallel.

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DIMENSIONS

Ø 1¾"
(45mm)

TOP VIEW

⅛"
(3mm)

5"
(125mm)
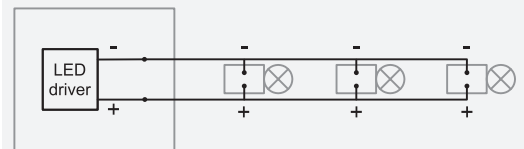
*Supplied with back box : **CAS3230**

SECTION VIEW

PHOTOMETRIC DATA

| CCT (K)	CRI	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	90	0.8W	Spot 14°	56	70	524	S3340W
			Narrow flood 29°	61	76	165	S3364W

*For products that uses a remote led driver, total system wattage will varies according to the efficacy of the remote led driver selected. For this reason, the load and efficacy values given in the table above refers to the led source only and does not include the led driver consumption.

Spot 14° (3000K, 90CRI)

10°
30°
50°
70°
90°

530
442
353
265
177
88
CD 0

■ -0° H
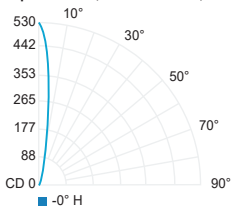
	Center beam fc	Beam width ft
12ft	**3.65**	**2.8**
10ft	**5.25**	**2.4**
8ft	**8.20**	**1.9**
6ft	**14.6**	**1.4**
4ft	**32.8**	**0.9**
2ft	**131**	**0.5**

Narrow flood 29° (3000K, 90CRI)

10°
30°
50°
70°
90°

170
142
113
85
57
28
CD 0

■ -0° H
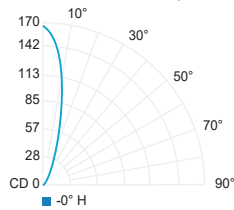
	Center beam fc	Beam width ft
12ft	**1.15**	**6.2**
10ft	**1.65**	**5.2**
8ft	**2.58**	**4.1**
6ft	**4.59**	**3.1**
4ft	**10.8**	**2.1**
2ft	**41.3**	**1.0**

CCT options	2700K	3000K	4000K
CRI options	90CRI	90CRI	80CRI
Multiplier	**0.89**	**1**	**1.05**

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