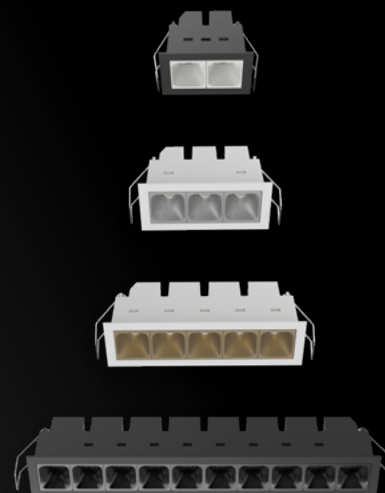









NOKTA

MULTI-CELLS

MINIATURIZED LINEAR RECESSED
LIGHTING FOR A SEAMLESS EFFECT!

NOKTA series is the perfect aesthetic choice. Its unique style provides a touch of elegance to any project. This linear luminaire delivers a high quality light and offers the freedom to mix and match finishes, enlarging design options for both accent and general lighting applications. This slim recessed luminaire also offers two beam spreads to ensure desired result is achieved.



OVERVIEW			
LIGHT SOURCE	LED	COLOR TEMPERATURE [K]	3 000, 3 500, 4 000
WATTS [W]	4-22	CRI	90
LUMEN OUTPUT [LM]	300 - 1 700	WEIGHT [LBS]	2 CELLS: 1.43 3 CELLS: 1.47 5 CELLS: 1.63 10 CELLS: 2.07
EFFICACY [LM/W]	61 - 90		
<div>        </div>			

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions.
 All products are subject to change or may be discontinued any time without notice.



FEATURES & SPECIFICATIONS

CONSTRUCTION

Housing

The body is made of die-cast aluminium

Finishes

Inner baffle: Matt white, matt black, matt silver, matt gold
Flange: White, black
Inner baffle made of strong and resistant polycarbonate material

Optic

Individual optic component per each cell for higher light control and better beam spread definition

INSTALLATION

Recessed mount with simple torsion spring clips. Remote junction box and driver with easy quick connectors to the LED engine.

Type non-IC, suitable for use in non-insulated ceilings. Refer to the installation instructions for more details.

SPECIFICATIONS

Quality LED light with high color rendering of 90.
LED chip binning 3 step MacAdam Ellipse to ensure color consistency.

Dimming

2 cells and 3 cells configurations are not dimmable and available in 120-277 V only.

5 cells configuration is available with phase-cut line voltage dimming when choosing 120 V or 0-10 V dimming when choosing 120-277 V option.

10 cells configuration is available with phase-cut line voltage dimming and with 0-10 V dimming when choosing 120 V option.

Lumens

160-170 lm/cell

Beam angle

- Narrow flood [24°]
- Flood [40°]

Ambient temperature

-20°C to 35°C

COMPLIANCES

- cETLus
- ICES-005 for Class B products
- Suitable for dry locations

ORDERING GUIDE

NOK		1	L	A1	90			/		
SERIES	CONFIGURATION	TYPE	LAMP TYPE	LUMEN PACKAGE [LM/CELL]	CRI	VOLTS [V]	INNER BAFFLE FINISH	FLANGE FINISH	COLOR TEMP. [K]	BEAM ANGLE [°]
NOK	2 - 2 cells 3 - 3 cells 5 - 5 cells 10 - 10 cells	1 - Fixed	L - LED	A1 - 160-170	90 - 90+	4- 120 ¹ 2 - 120-277 ²	W - White B - Black S - Silver G - Gold	W - White B - Black	30K - 3 000 35K - 3 500 40K - 4 000	N - Narrow Flood [24] F - Flood [40]

¹ For 5 cells configuration phase-cut dimming with 120 V.

² For 10 cells configuration available with phase-cut and 0-10 V dimming with 120 V.

³ For 2 and 3 cells configurations non-dimmable 120-277 V only.

⁴ For 5 cells configuration 0-10 V dimming with 120-277 V.

COMPATIBLE DIMMERS¹

	5 CELLS & 10 CELLS PHASE-CUT LINE VOLTAGE DIMMING	5 CELLS & 10 CELLS 0-10 V DIMMING
BRAND	MODEL	
Lutron	PD-5NE, PD-6WCL, RRD-6NA, DV-CL-153P, CTCL-153P, DVCL-253P, AYCL-253P, DVRP-253, SELV-300P, MACL-153P	DIVA DVSTV, NOVA NTSTV DV
Cooper	AAL06, SAL06P3	-
Leviton	O66EV, IPL06, 6674, DSL06-1ZL, DSM10-1LZ, IPE04-1LZ, DDMX1	DD 710, AWSMT-7DW, DS 710
Legrand	RH703PTUTC	RH4FBL3PTC, WS4FBL3P

DIMMING RANGE: 10%-100%

¹ This table shows dimmers that have been tested and have demonstrated proper operation under normal conditions. Each installation being unique, various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. Read and comply to the dimmer installation instructions. Consult dimming system manufacturer for additional support in operation. Some dimmers may require more than one product for stable operation. AimLite recommends to use dimmers designed to work with LED products. Older dimmers designed for incandescent products may cause erratic operation.

FINISHES AVAILABLE

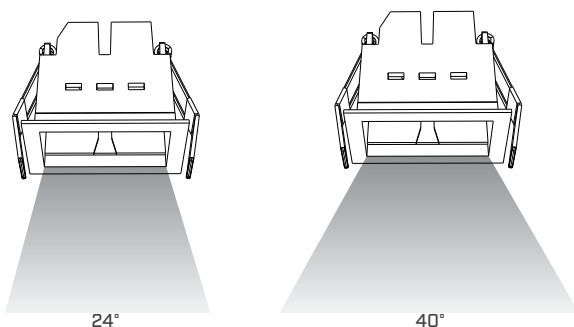
Inner Baffle Finish



Flange Finish



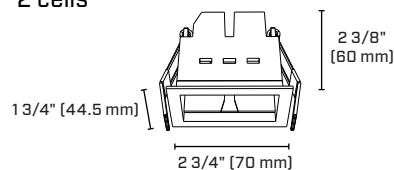
BEAM ANGLES



DIMENSIONS

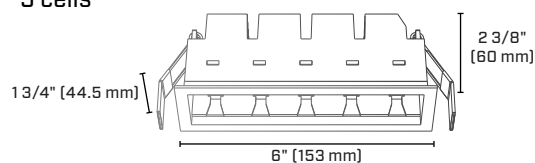
LUMINAIRES

2 cells



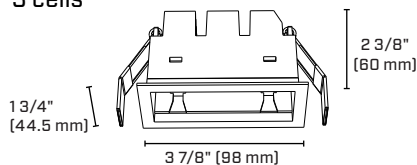
2 1/2" [62 mm]
X
1 1/2" [37 mm]

5 cells



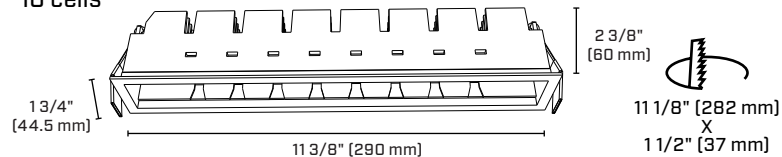
5 3/4" [144 mm]
X
1 1/2" [37 mm]

3 cells



3 5/8" [90 mm]
X
1 1/2" [37 mm]

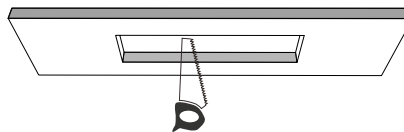
10 cells



11 1/8" [282 mm]
X
1 1/2" [37 mm]

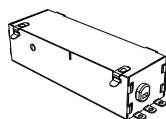
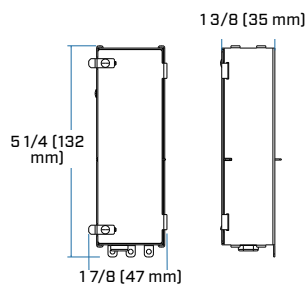
MAKE CEILING CUTOUT

Only fit for the ceiling of thickness
between 1mm to 25mm

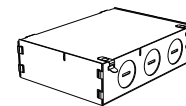
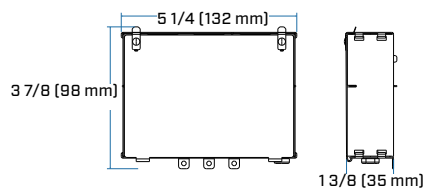


BOÎTE DE JONCTION POUR TRANSFORMATEUR DEL

2 et 3 cellules



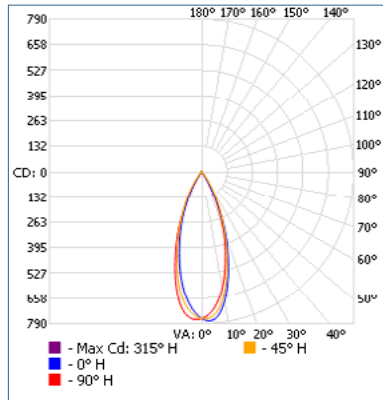
5 et 10 cellules



PHOTOMETRIC DATA¹

NOKTA-2FLS190-XX-XX-40K-F • 337.2 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	304.3	90.2
0-40	334.8	99.3
0-60	337.2	100
60-90	0.1	0
0-90	337.2	100

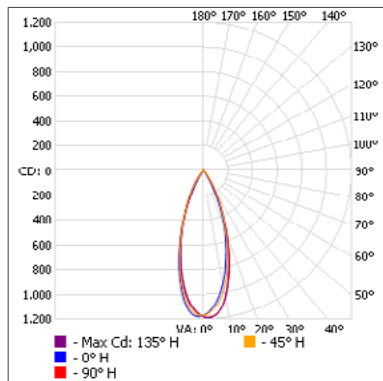
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC	BEAM WIDTH
2.0' 190.7	1.3' 1.4'
4.0' 47.7	2.7' 2.7'
6.0' 21.2	4.0' 4.1'
8.0' 11.9	5.3' 5.4'
10.0' 7.6	6.6' 6.8'

Vert. Spread: 36.7° Hor. Spread: 37.5°

NOKTA-3FLS190-XX-XX-40K-F • 507.9 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	458.8	90.3
0-40	504.3	99.3
0-60	507.8	100
60-90	0.1	0
0-90	507.9	100

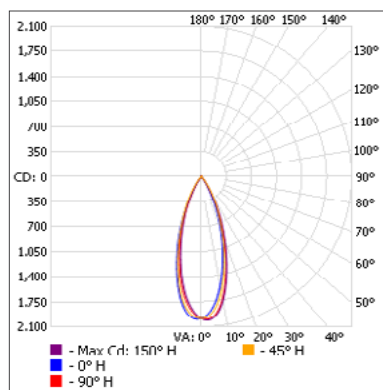
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC	BEAM WIDTH
2.0' 293.1	1.3' 1.4'
4.0' 73.3	2.6' 2.7'
6.0' 32.6	3.9' 4.1'
8.0' 18.3	5.2' 5.4'
10.0' 11.7	6.6' 6.8'

Vert. Spread: 36.3° Hor. Spread: 37.3°

NOKTA-5FLS190-XX-XX-40K-F • 844.2 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	763.3	90.4
0-40	838.2	99.3
0-60	844.0	100
60-90	0.2	0
0-90	844.2	100

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC	BEAM WIDTH
2.0' 495.6	1.3' 1.3'
4.0' 123.9	2.6' 2.6'
6.0' 55.1	3.9' 4.0'
8.0' 31.	5.2' 5.3'
10.0' 19.8	6.5' 6.6'

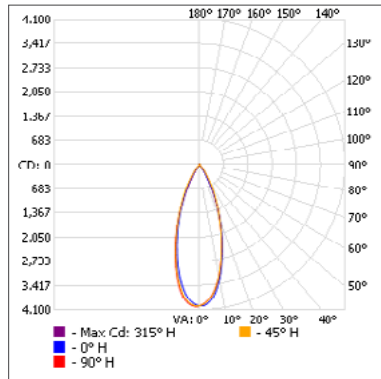
Vert. Spread: 36.1° Hor. Spread: 36.6°

¹ Complete IES files available on our website.

PHOTOMETRIC DATA¹

NOKTA-10FLS190-XX-XX-40K-F • 1 699.2 LM

POLAR CANDELA DISTRIBUTION



ZONE	LUMENS	% FIXTURE
0-30	1 532.9	90.2
0-40	1 684.0	99.1
0-60	1 696.8	99.9
60-90	2.4	0.1
0-90	1 699.2	100

CENTER BEAM FC		BEAM WIDTH	
2.0'	997.9	1.3'	1.3'
4.0'	249.5	2.6'	2.7'
6.0'	110.9	3.9'	4.0'
8.0'	62.4	5.2'	5.3'
10.0'	39.9	6.5'	6.6'

■ Vert. Spread: 36.2°
 ■ Hor. Spread: 36.8°

¹ Complete IES files available on our website.