

NL-CSL-420x130-300W-xx-z

PRODUCT SPECIFICATIONS

Product code	NL-CSL-420x130-300W-xx-z
Voltage	130 V - 305 V
LED driver	Meanwell / Inventronics
System power	300 W
Frequency	50–60 Hz
Power factor (PF)	> 0,95
LED type	Alder AS-5258WxA2-C2C210-0303
Number of LEDs	204 pcs
Beam angle	120°, 90°, 60° a 30°
PCB material	aluminum
Dimensions	ø 420 mm × 130 mm
Weight	6,3 kg
Protection	IP66
Ambient temperature (ta)	-20° C – +45° C
Lifetime (L80)	min. 100 000 h
Color rendering index	Ra>80
Color tolerance	3 SDCM
Housing color	grey



MADE IN EU

IP66

IK10

DALI

1-10V

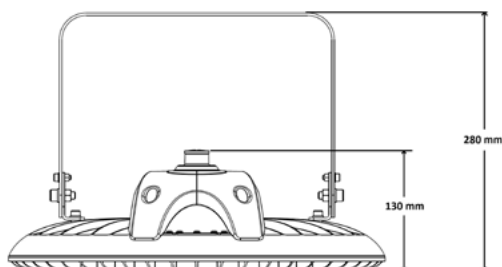
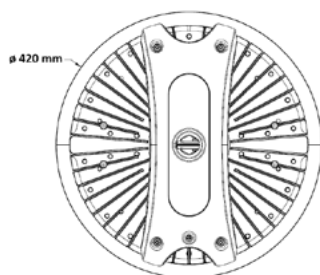
120°

90°

60°

30°

AL



Robust aluminium housing



Adjustable tilt angle

PRODUCT FEATURES

CSL industrial luminaires are designed for installation in buildings with high ceilings (e.g. hangars, shipyards) as well as for outdoor applications thanks to their high IP protection rating.

In the SPORT version, they are suitable for the illumination of sports facilities using mast-mounted installations.

The robust aluminium housing ensures efficient heat dissipation and simultaneously serves as a load-bearing structure with high mechanical strength. The luminaires are equipped with a pressure equalisation membrane.

Various beam angles (120°, 90°, 60°, 30°) are available, allowing optimal installation at different mounting heights.

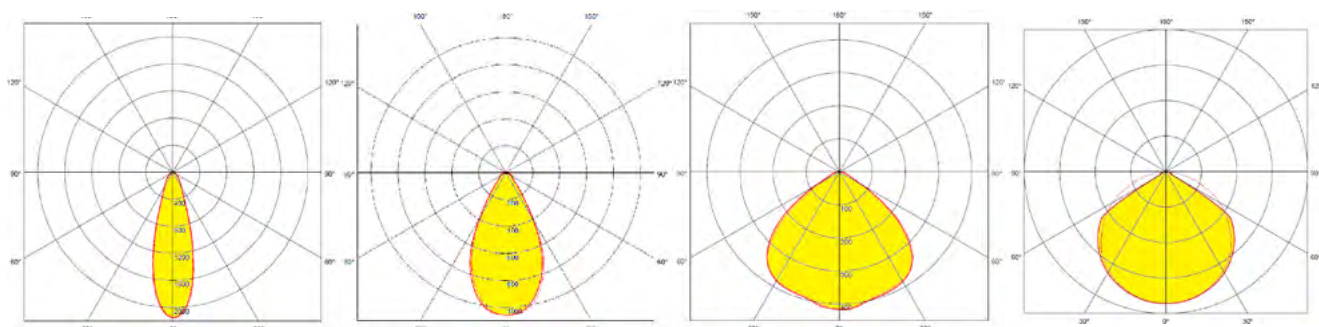
The CSL series is also available in DALI and 1–10 V versions, providing flexible control options, integration of modern functions, and further reduction of the overall energy consumption of the lighting system.

Mounting is possible as surface-mounted or suspended installation.

COLOR TEMPERATURE AND LUMINOUS FLUX

order no.	product code	diffuser / angle	CCT	color temperature	luminous flux
54428-50	NL-CSL-420x130-300W-WD-m	120°	5 000 K	daylight white	39 600 lm
54428-40	NL-CSL-420x130-300W-WN-m	120°	4 000 K	normal white	27 600 lm
54428-30	NL-CSL-420x130-300W-WW-m	120°	3 000 K	warm white	36 400 lm
54429-50	NL-CSL-420x130-300W-WD-90	90°	5 000 K	daylight white	45 600 lm
54429-40	NL-CSL-420x130-300W-WN-90	90°	4 000 K	normal white	45 600 lm
54429-30	NL-CSL-420x130-300W-WW-90	90°	3 000 K	warm white	42 000 lm
54430-50	NL-CSL-420x130-300W-WD-60	60°	5 000 K	daylight white	43 500 lm
54430-40	NL-CSL-420x130-300W-WN-60	60°	4 000 K	normal white	43 500 lm
54430-30	NL-CSL-420x130-300W-WW-60	60°	3 000 K	warm white	40 000 lm
54431-50	NL-CSL-420x130-300W-WD-30	30°	5 000 K	daylight white	39 600 lm
54431-40	NL-CSL-420x130-300W-WN-30	30°	4 000 K	normal white	39 600 lm
54431-30	NL-CSL-420x130-300W-WW-30	30°	3 000 K	warm white	36 400 lm

Product code variants: -D ... DALI, -V ... 1-10V



With several possible beam angles, the luminaire is ideal for installation in different heights and situations.

This product contains a light source with energy efficiency class C.