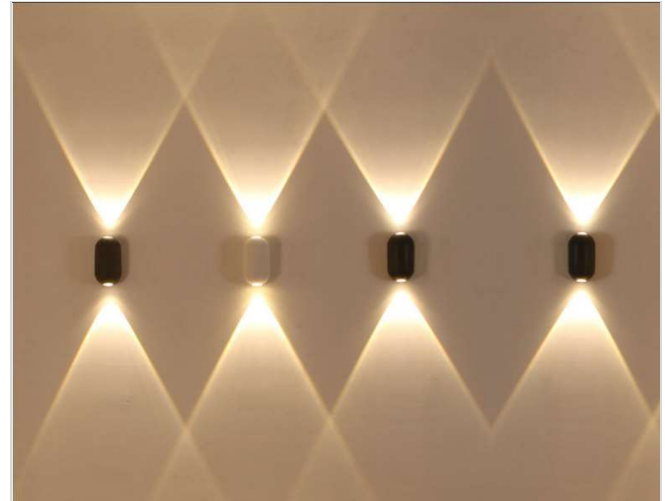


NIELS

Compact Wall Luminaire

A compact wall luminaire measuring just 1.97" wide with a 1.57" projection. Available in a 3.86" single-aperture configuration with rectangular or half-round housing, or a 5.12" two-aperture configuration with rectangular, round, or oval housing. Both configurations provide 45° beam distributions. IP65 and IK08 rated for interior and exterior applications.

- Two heights — 3.86" with a single aperture, or 5.12" with two apertures 180° apart
- Only 1.97" wide and 1.57" deep
- Rectangular or half-round face on the 3.86"; rectangular, round or oval on the 5.12"
- 2W per aperture — 2W with one aperture, 4W with two
- Six white CCTs 2700K–6500K, plus tunable white and RGBW
- 90 CRI · IP65 · IK08 · withstand 3.75kV, surge 6kV
- Five RAL powder-coat finishes; custom RAL available



3.86" · single



5.12" · up & down

cETLus

CE

CB

RoHS

SAA

IP65

IK08

LUMEN OUTPUT 160 – 360 lm delivered (by build & CCT)

COLOR TEMP / CCT 2700 / 3000 / 3500 / 4000 / 5000 / 6500K · Tunable White · RGBW

CRI 90 (Ra)

DISTRIBUTION 45° per aperture

LED SOURCE GUBO LED · GUBO driver

WATTAGE 2W per aperture · 2W or 4W

VOLTAGE 100–277V AC · 100–240V AC · 12 / 24 / 42V DC (remote driver)

POWER FACTOR >0.5

DIMMING PWM · DMX512 · TRIAC · 0–10V · DALI · Zigbee · Bluetooth · 2.4G RF (non-dimming standard)

SURGE PROTECTION 6kV · withstand voltage 3.75kV

DRIVER GUBO integral driver · remote constant-voltage driver on DC versions

FINISH White, Black, Grey, Anthracite Grey, Brass

IP / IMPACT IP65 · IK08

MATERIAL Die-cast aluminum · high-efficiency PC lens

MOUNTING Surface mounted · JBOX mounting plate optional

DIMENSIONS 3.86" H × 1.97" W × 1.57" D (98 × 50 × 40 mm) · 5.12" H two-aperture (130 mm)

LIFETIME >50,000 hours

WARRANTY 5-Year

ORDERING

CONFIGURE YOUR PART NUMBER USING THE OPTIONS BELOW.

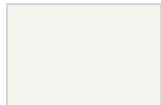
MODEL	SHAPE	APERTURE	VOLTAGE	CCT	CONTROLS	FINISH
NIELS	RT Rectangular	A1 1 aperture · 3.86" · 2W A2 2 apertures · 180° apart · 5.12" · 4W	U 100-277V L 100-240V DC12 12V DC* DC24 24V DC* DC42 42V DC*	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K 65 6500K TW Tunable White (2700-6500K) RGBW RGBW (2700K white)	N Non-dimming (standard) PWM PWM DMX DMX512 TR TRIAC** DV 0-10V** DA DALI** ZB Zigbee** BT Bluetooth** RF 2.4G RF**	WH White BK Black GY Grey AGY Anthracite Grey BRS Brass CC Custom RAL
	HR Half-round	A1 1 aperture · 3.86" · 2W				
	RD Round	A2 2 apertures · 180° apart · 5.12" · 4W				
	OV Oval	A2 2 apertures · 180° apart · 5.12" · 4W				

* DC versions are supplied with a remote constant-voltage driver. ** Requires the remote-driver (DC) build.

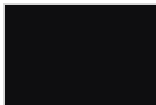
Build Your Order Code — example values shown in grey

MODEL	SHAPE	APERTURE	VOLTAGE	CCT	CONTROLS	FINISH
NIELS	RT	A2	U	30	N	BK
NIELS	RT	A2	U	30	N	BK

STANDARD FINISHES



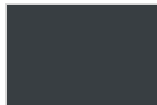
WH
White (RAL 9010)



BK
Black (RAL 9005)



GY
Grey (RAL 7042)



AGY
Anthracite Grey
(RAL 7016)



BRS
Brass (RAL 1024)

CONFIGURATIONS



RT · A1 Rectangular



RT · A2 Rectangular



HR · A1 Half-round



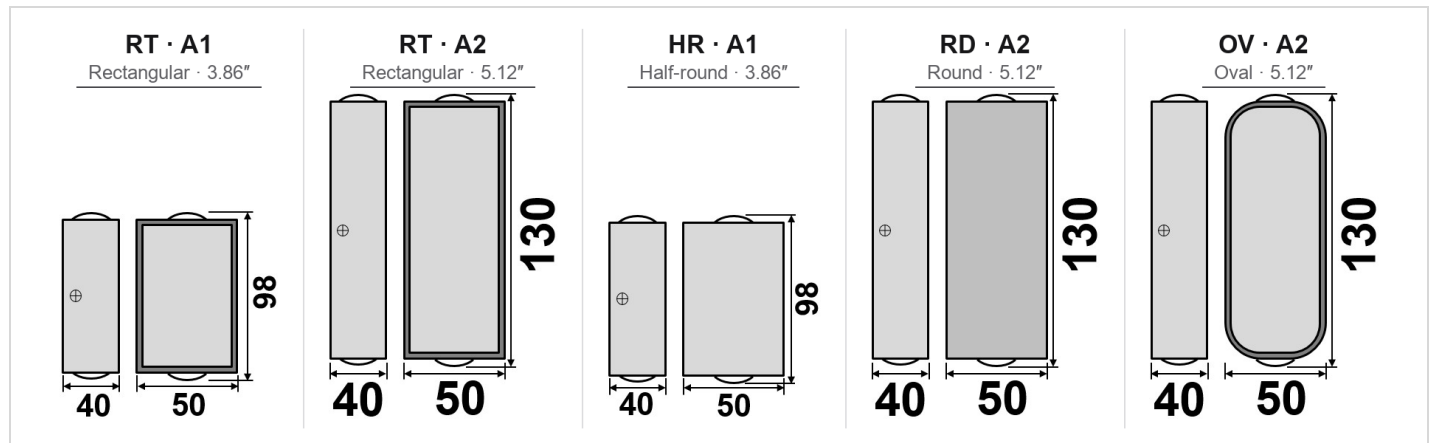
RD · A2 Round



OV · A2 Oval

DIMENSIONS

CONFIGURATION	HEIGHT	WIDTH	PROJECTION
RT · A1 Rectangular	3.86" (98 mm)	1.97" (50 mm)	1.57" (40 mm)
RT · A2 Rectangular	5.12" (130 mm)	1.97" (50 mm)	1.57" (40 mm)
HR · A1 Half-round	3.86" (98 mm)	1.97" (50 mm)	1.57" (40 mm)
RD · A2 Round	5.12" (130 mm)	1.97" (50 mm)	1.57" (40 mm)
OV · A2 Oval	5.12" (130 mm)	1.97" (50 mm)	1.57" (40 mm)



OPTIONS

MADE TO ORDER – CONSULT FACTORY

CM	Custom CCT – 1800K to 10000K, or red / green / blue / yellow	GL	Full-spectrum grow light, 380 – 840 nm
CR	Ra80, or Ra97 with RG0 eye-protection rating	FJP	JBOX mounting plate
		SFH	Custom housing finish to a RAL code

PHOTOMETRY

DELIVERED LUMENS – WHITE CCTS

BUILD · TOTAL W	2700K	3000K	3500K	4000K	5000K	6500K
1 aperture · 2W	160 lm	167 lm	167 lm	180 lm	180 lm	180 lm
2 apertures · 4W	320 lm	334 lm	334 lm	360 lm	360 lm	360 lm

Each aperture carries its own 2W module; the two-aperture total is twice the per-aperture figure, as published. Power factor >0.5. Measured at 25°C; power and flux tolerance ±10%, CRI ±5.

DELIVERED LUMENS – TUNABLE & COLOUR

BUILD · TOTAL W	TUNABLE WHITE	RGBW
1 aperture · 2W	120 lm	100 lm
2 apertures · 4W	240 lm	200 lm

Tunable white spans 2700–6500K; RGBW adds a 2700K white channel.

Distribution 45° per aperture **Efficacy** — **IES File** On request