



## DESCRIPTION

<b>Product name</b>	NOA S1	NOA S2
<b>Housing</b>	Housing, cover and sleeve in die-cast aluminium	
<b>Finition</b>	Polyester powder coating, any colour available	
<b>Bowl</b>	Bowl in thermally tempered and screen printed glass	
<b>Smart-ready®</b>	Luminaire fitted with Zhaga book 18 connector (3E version), allowing the direct connection of "smart" modules. Luminaire without connector available upon request.	
<b>Mechanical impact protection code</b>	IK 09	
<b>Ingress Protection</b>	IP 66 in accordance with the standard EN 60 529 Extruded silicone gasket Cable gland Breathing system with activated carbon filter	
<b>Mounting</b>	Top and side entry with adjustable tilt angles Entries: Ø 60 mm, Ø 49 mm / Top Ø 76 mm Tilt angles: - Top: 0°; +5°; +10°; +15°; +20° - Side 0°; -5°; -10°; -15°; -20° Locking using 2 pressure screws	
<b>Dimensions</b>	679 x 375 x 115 mm	779 x 457 x 115 mm
<b>Weight</b>	8,1 kg	10,2 kg
<b>Windage area</b>	0,12 m <sup>2</sup>	0,16 m <sup>2</sup>
<b>Electrical class</b>	I or II	
<b>Ambient temperature</b>	-40°C to +45°C (at 700mA)	

## MAINTENANCE

<b>Maintenance</b>	Opening of the cover after unscrewing 1 screw
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## LED SOURCES

<b>Sources</b>	BLS Strips (8 to 48 LED)
<b>Colour temperature (K)</b>	2400 K, 2700 K, 3000 K, 4000 K
<b>CRI</b>	> 70 (others upon request)
<b>Luminaire SDCM</b>	<4
<b>LED lifetime</b>	L90 > 100 000h
<b>Optics and light distribution options</b>	3 x symmetrical lenses (ECL, ECa, ECb) 7 x asymmetrical lenses (ERE, ERS, ERL, LRS, LRL, LRM, ETS) 6 x floodlight lenses (PFI, PFM, PFL, PFA, PSa, PAa) 2 x crossing lenses (EPG, EPD) 2 types of backlight shield (option)
<b>Photobiology</b>	RG1 (3000 K)

## MAXIMUM PERFORMANCES (see annex for all LED modules options)

	NOA S1 - 3BLS 12 (36 LED)			NOA S2 - 6BLS 12 (72 LED)		
	Flux <sup>(A)</sup> at 700mA (lm)	Power <sup>(B)</sup> (W)	Efficiency (lm/W)	Flux <sup>(A)</sup> at 700mA (lm)	Power <sup>(B)</sup> (W)	Efficiency (lm/W)
4000 K	9667	75	129	18896	145	130
3000 K	9374	75	125	18324	145	126
2700 K	8495	75	113	16606	145	115
2400 K	7763	75	104	15174	145	105
2200 K	7616	75	102	14888	145	103

(A) Output flux from the luminaire at commissioning (including thermal and optical yields compared to the Flux from sources) for given optics, maximal current and ambient temperature 25°C, as per IEC 62717 and IEC 62722 standards

(B) Total power absorbed by the luminaire including all electrical equipment, as per IEC 62717 and IEC 62722 standards.

## DRIVER

<b>Power</b>	230 V / 240 V - 50 Hz / 60 Hz / pSurge protection 10Kv
<b>Brand</b>	Philips Xitanium Full Prog or OSRAM 4 DIM - D4i option (SR and DEXAL)
<b>Power factor</b>	90% minimum
<b>Total harmonic distortion</b>	15% max
<b>Current</b>	Dimmable current up to 1000 mA
<b>Lifetime</b>	10% failure at 100 000 hours
<b>Control</b>	DALI or 1-10V

## SMARTLIGHTING (OPTIONS)

<b>Standalone solutions</b>	Dimming calculator from 2 to 5 slots (Dimming 5, POLEDRIIVE Bluetooth oder POLEDRIIVE) Presence detector (Motion P) Moving sensor combined with dimming calculator (Motion P) Constant Light Output (CLO) Adjustable driver (POLEDRIIVE)
<b>Local Network</b>	Luminaires group: detection through ZIGBEE 3.0 communication protocol (Motion COM) or pilot wires.
<b>Telemangement</b>	WIZARD - ECLATEC

## STANDARDS / MARKING / CERTIFICATIONS

<b>Compliance</b>	<b>CE marking requirements:</b> - Directive 2014/35/EU, Low voltage Directive - Directive 2014/130/EU Electromagnetic Compatibility - Directive 2011/65/EU Restriction of Hazardous substances (RoHS) - Directive 2009/125/EC Ecodesign requirements
<b>NF EN 13201</b>	In accordance with the lighting calculations issued.
<b>REACH</b>	Products conformity regulatory management of chemicals
<b>WEEE</b>	(Waste Electrical and Electronic Equipment) Manufacturer involvement
<b>ENEC / ENEC+</b>	ENEC + and ENEC certified

## WARRANTY

<b>Mechanical parts</b>	According to our general sales conditions
<b>Electrical parts</b>	According to our general sales conditions
<b>Painting</b>	According to our general sales conditions