

NOOS 2

NOOS 2 TW

MAIN CHARACTERISTICS

Applications	Street and urban lighting.
Optic	STE-M/S: Asymmetrical optic for suburban street lighting. STU-M/S: Asymmetrical optic for street, urban and cycle-path lighting. STW: Asymmetrical optic for wide urban and suburban road lighting, specific for wet asphalts. SV: Asymmetrical optic for very narrow urban streets or highway entrance/exit turns. S05/S07: Asymmetrical optic for street, urban and green areas lighting. STA/STA1: Asymmetrical optic for wide urban road and cycle-path lighting. Colour temperature adjustable: DF: 3000K ÷ 2200K, DE: 2700K ÷ 2200K, EG: 4000K ÷ 2700K (others on request) CRI≥70 LOR= 100%, DLOR= 100%, ULOR= 0% Photobiological safety class: EXEMPT GROUP
Insulation class	II, I
Protection degree	IP66/IP67 IK09, IK08 for ZHAGA I and ZHAGA I/S versions.
Dimensions	See the drawing
Weight	max 7.5 kg
Exposed surface	Side: 0.061m ² – Top: 0.143 m ² SCx: 0.066 m ²
Mounting	TP: Post-top mounting Ø76-102-127mm BR: Bracket Ø60mm BRF-L: Post-top mounting Ø102-127mm, with bracket L.500mm and L.1000mm. AC: Bracket on pole Ø102-114-127mm AM: Wall mounting
Tilt Angle	0°
LED Modules	Removable / Replaceable.
Gear tray	Removable. Removable plate optional.
Operating temp.	-40°C / +55°C
Storage temp	-40°C / +80°C
Main reference standards	EN 60598-1, EN 60598-2-3, EN 62471, EN 55015, EN 61547, EN 61000-3-2, EN-61000-3-3

ELECTRICAL CHARACTERISTICS

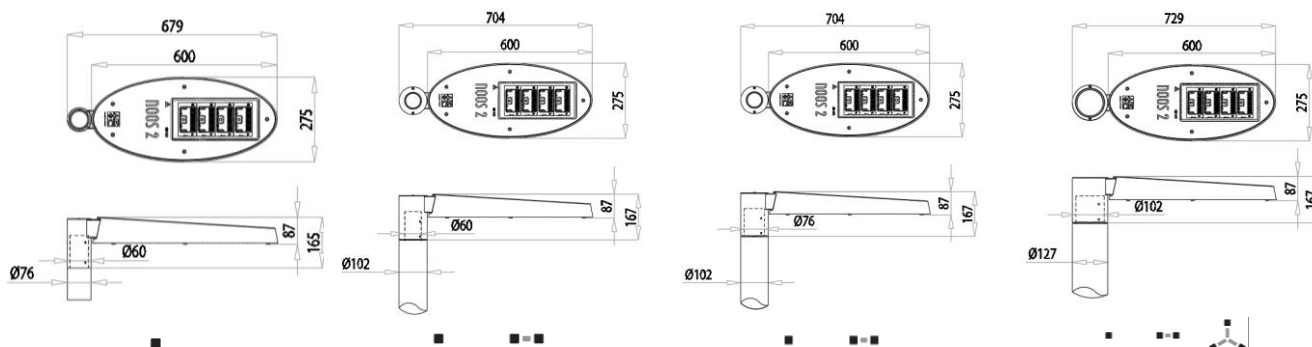
Rated voltage	220+240V 50/60Hz (Standard tolerance +/-10%, other voltages and tolerances upon request)
Power factor	>0.95 (at full load - F, DA, DAC)
Mains connection	Cable H07RN-F nx1.5mm ² Optional: connector M/F IP66/68 for cables max. 2.5mm ² , Ø max. 12mm
Surge protection	Up to 12kV With SPD: CL.II: 10kV / 10kV CM/DM CL.I: 12kV / 10kV CM/DM Without SPD: CL.II: 10kV / 6kV CM/DM CL.I: 10kV / 6kV CM/DM
SPD (optional)	12kV-10kA, type 2+3, with LED signal and thermo fuse to disconnect load at the end of life.
Control system (options)	TWC1: Tunable White constant flux profile with 1 color change. TWS1: Tunable White with reduction of luminous flux with 1 color change step. TWS2: Tunable White with reduction of luminous flux with 2 color change steps. NEMA: Socket 7 pin (ANSI C136.41). ZHAGA: Socket 4 pin (ZHAGA Book 18).
Optical unit lifetime (Tq=25°C)	>100.000hr L90B10 >100.000hr L90, TM-21

MATERIALS

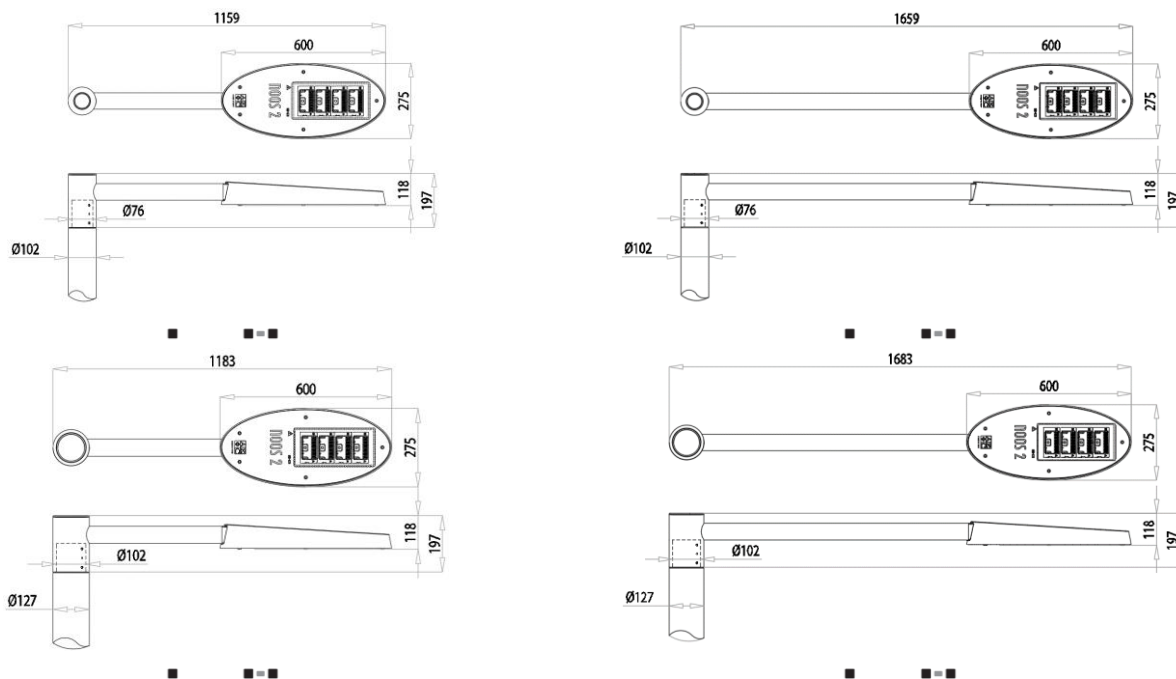
Fixing	Die-cast aluminum UNI EN1706 powder painted.
Body	
Closure	
Optic	99.85% aluminum with a surface finish in 99.95% with vacuum-sealed deposition. Aluminum grade class A+ (DIN EN 16268)
Screen	Flat tempered glass, 5mm thickness high transparency.
Cable gland	Plastic M20x1.5 - IP68
Gasket	Polyurethane without joints.
Colour	Graphite - Cod. 01

FIXING DETAILS

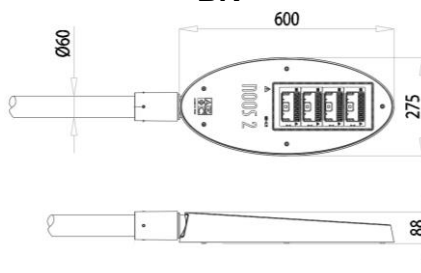
TP



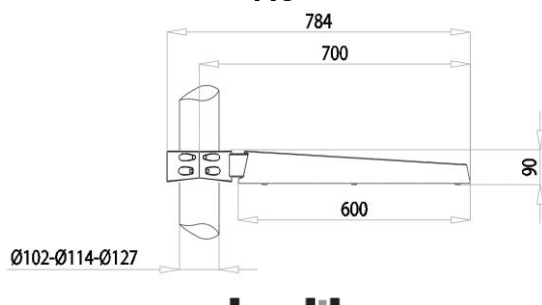
BRF-L



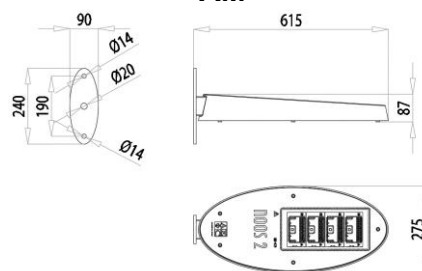
BR



AC

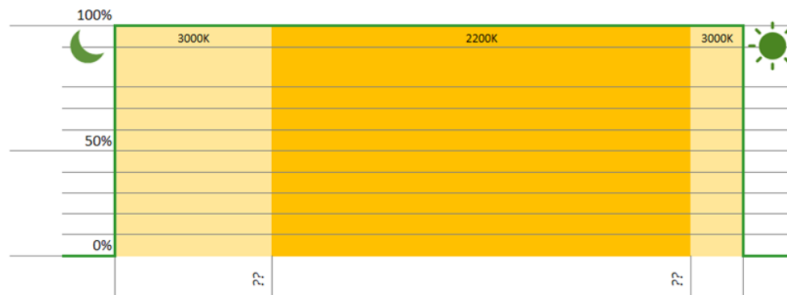


AM



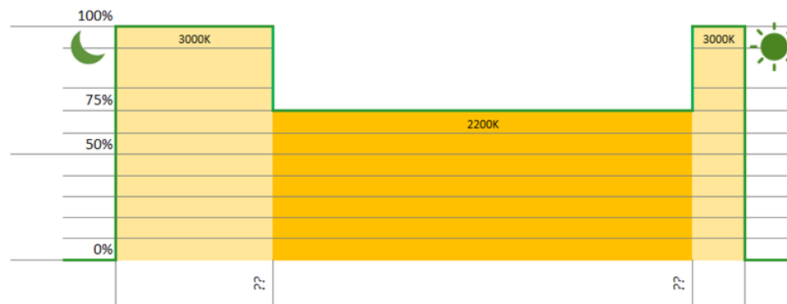
COLOR ADJUSTMENT PROFILES

TWC1

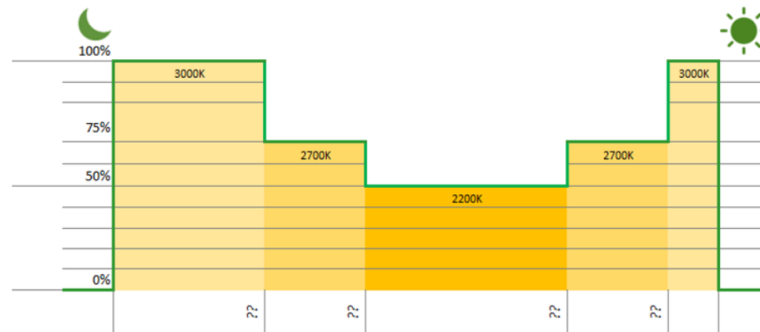


The TWC1 profile (Constant luminous flux profile with 1 color change) allows the use of Tunable White technology in contexts where it is necessary to guarantee the same level of luminous intensity throughout the night, but a change in color temperature is required at night.

TWS1



TWS2



The TWS1 and TWS2 profiles (Profiles with flow reduction at 1 or 2 color change steps) allow color change and reduction of luminous flux, allowing energy savings to be achieved. The flow reduction occurs at the same time as the color change. The reduction steps have been set so as to have exactly 75% and 50% of the initial flow of the luminaire and therefore allow a correct reduction of the flow depending on the lighting categories of the environment to be illuminated.

NOOS 2 5P5 DE

MAX LUMINOUS FLUX AND POWER

LUMINAIRE	OPTIC	LED CURRENT (mA)	LUMINAIRE FLUX* (2700K, lm)	LUMINAIRE FLUX* (2400K, lm)	LUMINAIRE FLUX* (2200K, lm)	LUMINAIRE POWER* (W)	LUMINAIRE EFFICACY (2700K, lm/W)
NOOS 2 5P5 70DE.060-4M	S05 S07 STA STA1 STE-S STU-S	60	3120	2940	2810	24.4	127.8
NOOS 2 5P5 70DE.070-4M		70	3610	3410	3250	28.2	128.0
NOOS 2 5P5 70DE.080-4M		80	4100	3870	3690	31.9	128.5
NOOS 2 5P5 70DE.090-4M		90	4600	4340	4140	35.8	128.4
NOOS 2 5P5 70DE.100-4M		100	5090	4800	4580	39.6	128.5
NOOS 2 5P5 70DE.120-4M		120	6050	5710	5450	47	128.7
NOOS 2 5P5 70DE.140-4M		140	6980	6600	6290	54.9	127.1
NOOS 2 5P5 70DE.160-4M		160	7870	7440	7090	61.7	127.5
NOOS 2 5P5 70DE.180-4M	STE-M STU-M STW SV	180	8700	8220	7830	69.7	124.8
NOOS 2 5P5 70DE.060-4M		60	3190	3010	2870	24.4	130.7
NOOS 2 5P5 70DE.070-4M		70	3690	3490	3320	28.2	130.8
NOOS 2 5P5 70DE.080-4M		80	4200	3960	3780	31.9	131.6
NOOS 2 5P5 70DE.090-4M		90	4700	4440	4230	35.8	131.2
NOOS 2 5P5 70DE.100-4M		100	5200	4910	4680	39.6	131.3
NOOS 2 5P5 70DE.120-4M		120	6190	5850	5570	47	131.7
NOOS 2 5P5 70DE.140-4M		140	7150	6750	6430	54.9	130.2
NOOS 2 5P5 70DE.160-4M		160	8060	7610	7250	61.7	130.6
NOOS 2 5P5 70DE.180-4M		180	8900	8410	8010	69.7	127.6

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.
Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±10%.
Meets Dark Sky requirements when equipped with LEDs with a colour temperature of 3000K or less.
The characteristics of the product listed above are subjected to change without notice.

LUMINOUS FLUX AND POWER WITH CONSTANT FLUX PROFILE (TWC1)

LUMINAIRE	OPTIC	FLUX LUMINAIRE POWER LED CURRENT* (Tq=25°C, 2700K, 100% of flux)			FLUX LUMINAIRE POWER LED CURRENT* (Tq=25°C, 2200K, 100% of flux)		
NOOS 2 5P5 70DE.060-4M	S05 S07 STA STA1 STE-S STU-S	2820lm	22.1W	54mA (90%)	2810lm	24.4W	60mA (100%)
NOOS 2 5P5 70DE.070-4M		3260lm	25.5W	63mA (90%)	3250lm	28.2W	70mA (100%)
NOOS 2 5P5 70DE.080-4M		3710lm	28.9W	72mA (90%)	3690lm	31.9W	80mA (100%)
NOOS 2 5P5 70DE.090-4M		4150lm	32.3W	81mA (90%)	4140lm	35.8W	90mA (100%)
NOOS 2 5P5 70DE.100-4M		4600lm	35.8W	90mA (90%)	4580lm	39.6W	100mA (100%)
NOOS 2 5P5 70DE.120-4M		5470lm	42.4W	108mA (90%)	5450lm	47W	120mA (100%)
NOOS 2 5P5 70DE.140-4M		6290lm	49W	125mA (89%)	6290lm	54.9W	140mA (100%)
NOOS 2 5P5 70DE.160-4M		7120lm	55W	143mA (89%)	7090lm	61.7W	160mA (100%)
NOOS 2 5P5 70DE.180-4M	STE-M STU-M STW SV	7830lm	61.3W	159mA (88%)	7830lm	69.7W	180mA (100%)
NOOS 2 5P5 70DE.060-4M		2880lm	22.1W	54mA (90%)	2870lm	24.4W	60mA (100%)
NOOS 2 5P5 70DE.070-4M		3340lm	25.5W	63mA (90%)	3320lm	28.2W	70mA (100%)
NOOS 2 5P5 70DE.080-4M		3790lm	28.9W	72mA (90%)	3780lm	31.9W	80mA (100%)
NOOS 2 5P5 70DE.090-4M		4250lm	32.3W	81mA (90%)	4230lm	35.8W	90mA (100%)
NOOS 2 5P5 70DE.100-4M		4700lm	35.8W	90mA (90%)	4680lm	39.6W	100mA (100%)
NOOS 2 5P5 70DE.120-4M		5600lm	42.4W	108mA (90%)	5570lm	47W	120mA (100%)
NOOS 2 5P5 70DE.140-4M		6430lm	49W	125mA (89%)	6430lm	54.9W	140mA (100%)
NOOS 2 5P5 70DE.160-4M		7290lm	55W	143mA (89%)	7250lm	61.7W	160mA (100%)
NOOS 2 5P5 70DE.180-4M		8010lm	61.3W	159mA (88%)	8010lm	69.7W	180mA (100%)

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.
Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±10%.
Meets Dark Sky requirements when equipped with LEDs with a colour temperature of 3000K or less.
The characteristics of the product listed above are subjected to change without notice.

LUMINOUS FLUX AND POWER WITH ONE STEP REDUCTION PROFILE (TWS1)

LUMINAIRE	OPTIC	FLUX LUMINAIRE POWER LED CURRENT*			FLUX LUMINAIRE POWER LED CURRENT*		
		(Tq=25°C, 2700K, 100% of flux)			(Tq=25°C, 2200K, 75% of flux)		
NOOS 2 5P5 70DE.060-4M	S05 S07 STA STA1 STE-S STU-S	3120lm	24.4W	60mA (100%)	2360lm	20.7W	50mA (83%)
NOOS 2 5P5 70DE.070-4M		3610lm	28.2W	70mA (100%)	2720lm	23.6W	58mA (82%)
NOOS 2 5P5 70DE.080-4M		4100lm	31.9W	80mA (100%)	3120lm	27W	67mA (83%)
NOOS 2 5P5 70DE.090-4M		4600lm	35.8W	90mA (100%)	3470lm	30W	75mA (83%)
NOOS 2 5P5 70DE.100-4M		5090lm	39.6W	100mA (100%)	3830lm	33.1W	83mA (83%)
NOOS 2 5P5 70DE.120-4M		6050lm	47W	120mA (100%)	4580lm	39.6W	100mA (83%)
NOOS 2 5P5 70DE.140-4M		6980lm	54.9W	140mA (100%)	5270lm	45.5W	116mA (82%)
NOOS 2 5P5 70DE.160-4M		7870lm	61.7W	160mA (100%)	5910lm	51.3W	131mA (81%)
NOOS 2 5P5 70DE.180-4M	STE-M STU-M STW SV	8700lm	69.7W	180mA (100%)	6530lm	56.2W	146mA (81%)
NOOS 2 5P5 70DE.060-4M		3190lm	24.4W	60mA (100%)	2420lm	20.7W	50mA (83%)
NOOS 2 5P5 70DE.070-4M		3690lm	28.2W	70mA (100%)	2780lm	23.6W	58mA (82%)
NOOS 2 5P5 70DE.080-4M		4200lm	31.9W	80mA (100%)	3190lm	27W	67mA (83%)
NOOS 2 5P5 70DE.090-4M		4700lm	35.8W	90mA (100%)	3550lm	30W	75mA (83%)
NOOS 2 5P5 70DE.100-4M		5200lm	39.6W	100mA (100%)	3910lm	33.1W	83mA (83%)
NOOS 2 5P5 70DE.120-4M		6190lm	47W	120mA (100%)	4680lm	39.6W	100mA (83%)
NOOS 2 5P5 70DE.140-4M		7150lm	54.9W	140mA (100%)	5400lm	45.5W	116mA (82%)
NOOS 2 5P5 70DE.160-4M		8060lm	61.7W	160mA (100%)	6050lm	51.3W	131mA (81%)
NOOS 2 5P5 70DE.180-4M		8900lm	69.7W	180mA (100%)	6680lm	56.2W	146mA (81%)

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.
Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±10%.
Meets Dark Sky requirements when equipped with LEDs with a colour temperature of 3000K or less.
The characteristics of the product listed above are subjected to change without notice.

LUMINOUS FLUX AND POWER WITH TWO-STEP REDUCTION PROFILE (TWS2)

LUMINAIRE	OPTIC	FLUX LUMINAIRE POWER LED CURRENT*			FLUX LUMINAIRE POWER*			FLUX LUMINAIRE POWER LED CURRENT*		
		(Tq=25°C, 2700K, 100% of flux)			(Tq=25°C, 2400K, 75% of flux)			(Tq=25°C, 2200K, 50% of flux)		
NOOS 2 5P5 70DE.060-4M	S05 S07 STA STA1 STE-S STU-S	3120lm	24.4W	60mA (100%)	2340lm	19.5W		1580lm	14W	32mA (53%)
NOOS 2 5P5 70DE.070-4M		3610lm	28.2W	70mA (100%)	2710lm	22.5W		1840lm	16.2W	38mA (54%)
NOOS 2 5P5 70DE.080-4M		4100lm	31.9W	80mA (100%)	3080lm	25.5W		2060lm	18.1W	43mA (53%)
NOOS 2 5P5 70DE.090-4M		4600lm	35.8W	90mA (100%)	3460lm	28.5W		2320lm	20.3W	49mA (54%)
NOOS 2 5P5 70DE.100-4M		5090lm	39.6W	100mA (100%)	3830lm	31.6W		2580lm	22.5W	55mA (55%)
NOOS 2 5P5 70DE.120-4M		6050lm	47W	120mA (100%)	4570lm	37.7W		3030lm	26.3W	65mA (54%)
NOOS 2 5P5 70DE.140-4M		6980lm	54.9W	140mA (100%)	5260lm	43.1W		3510lm	30.4W	76mA (54%)
NOOS 2 5P5 70DE.160-4M		7870lm	61.7W	160mA (100%)	5940lm	49W		3960lm	34.2W	86mA (53%)
NOOS 2 5P5 70DE.180-4M	STE-M STU-M STW SV	8700lm	69.7W	180mA (100%)	6550lm	54.5W		4360lm	37.7W	95mA (52%)
NOOS 2 5P5 70DE.060-4M		3190lm	24.4W	60mA (100%)	2440lm	19.9W		1610lm	14W	32mA (53%)
NOOS 2 5P5 70DE.070-4M		3690lm	28.2W	70mA (100%)	2770lm	22.5W		1880lm	16.2W	38mA (54%)
NOOS 2 5P5 70DE.080-4M		4200lm	31.9W	80mA (100%)	3150lm	25.5W		2100lm	18.1W	43mA (53%)
NOOS 2 5P5 70DE.090-4M		4700lm	35.8W	90mA (100%)	3530lm	28.5W		2370lm	20.3W	49mA (54%)
NOOS 2 5P5 70DE.100-4M		5200lm	39.6W	100mA (100%)	3910lm	31.6W		2600lm	22.1W	54mA (54%)
NOOS 2 5P5 70DE.120-4M		6190lm	47W	120mA (100%)	4680lm	37.7W		3140lm	26.6W	66mA (55%)
NOOS 2 5P5 70DE.140-4M		7150lm	54.9W	140mA (100%)	5380lm	43.1W		3590lm	30.4W	76mA (54%)
NOOS 2 5P5 70DE.160-4M		8060lm	61.7W	160mA (100%)	6080lm	49W		4050lm	34.2W	86mA (53%)
NOOS 2 5P5 70DE.180-4M		8900lm	69.7W	180mA (100%)	6700lm	54.5W		4460lm	37.7W	95mA (52%)

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.
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Meets Dark Sky requirements when equipped with LEDs with a colour temperature of 3000K or less.
The characteristics of the product listed above are subjected to change without notice.

NOOS 2 4P4 DE

MAX LUMINOUS FLUX AND POWER

LUMINAIRE	OPTIC	LED CURRENT (mA)	LUMINAIRE FLUX* (2700K, lm)	LUMINAIRE FLUX* (2400K, lm)	LUMINAIRE FLUX* (2200K, lm)	LUMINAIRE POWER* (W)	LUMINAIRE EFFICACY (2700K, lm/W)
NOOS 2 4P4 70DE.080-4M	S05 S07 STE-S	80	3280	3100	2950	25.7	127.6
NOOS 2 4P4 70DE.090-4M		90	3680	3470	3310	28.7	128.2
NOOS 2 4P4 70DE.100-4M		100	4070	3840	3660	31.8	127.9
NOOS 2 4P4 70DE.120-4M		120	4840	4570	4360	37.7	128.3
NOOS 2 4P4 70DE.140-4M		140	5590	5280	5030	44	127.0
NOOS 2 4P4 70DE.160-4M		160	6300	5950	5670	49.5	127.2
NOOS 2 4P4 70DE.180-4M	STA STA1 STU-S	180	6960	6580	6270	55.9	124.5
NOOS 2 4P4 70DE.080-4M		80	3320	3130	2990	25.7	129.1
NOOS 2 4P4 70DE.090-4M		90	3720	3510	3340	28.7	129.6
NOOS 2 4P4 70DE.100-4M		100	4110	3880	3700	31.8	129.2
NOOS 2 4P4 70DE.120-4M		120	4900	4620	4410	37.7	129.9
NOOS 2 4P4 70DE.140-4M		140	5650	5340	5090	44	128.4
NOOS 2 4P4 70DE.160-4M	STE-M STU-M STW SV	160	6370	6020	5730	49.5	128.6
NOOS 2 4P4 70DE.180-4M		180	7040	6650	6340	55.9	125.9
NOOS 2 4P4 70DE.080-4M		80	3400	3210	3060	25.7	132.2
NOOS 2 4P4 70DE.090-4M		90	3810	3600	3430	28.7	132.7
NOOS 2 4P4 70DE.100-4M		100	4210	3980	3790	31.8	132.3
NOOS 2 4P4 70DE.120-4M		120	5010	4730	4510	37.7	132.8
NOOS 2 4P4 70DE.140-4M	STW SV	140	5780	5460	5200	44	131.3
NOOS 2 4P4 70DE.160-4M		160	6510	6150	5860	49.5	131.5
NOOS 2 4P4 70DE.180-4M		180	7200	6800	6480	55.9	128.8

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.
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The characteristics of the product listed above are subjected to change without notice.

LUMINOUS FLUX AND POWER WITH CONSTANT FLUX PROFILE (TWC1)

LUMINAIRE	OPTIC	FLUX LUMINAIRE POWER LED CURRENT* (Tq=25°C, 2700K, 100% of flux)	FLUX LUMINAIRE POWER LED CURRENT* (Tq=25°C, 2200K, 100% of flux)
NOOS 2 4P4 70DE.080-4M	S05 S07 STE-S	2960lm 23.3W 72mA (90%)	2950lm 25.7W 80mA (100%)
NOOS 2 4P4 70DE.090-4M		3320lm 26W 81mA (90%)	3310lm 28.7W 90mA (100%)
NOOS 2 4P4 70DE.100-4M		3680lm 28.7W 90mA (90%)	3660lm 31.8W 100mA (100%)
NOOS 2 4P4 70DE.120-4M		4380lm 34W 108mA (90%)	4360lm 37.7W 120mA (100%)
NOOS 2 4P4 70DE.140-4M		5030lm 39.2W 125mA (89%)	5030lm 44W 140mA (100%)
NOOS 2 4P4 70DE.160-4M		5700lm 44.1W 143mA (89%)	5670lm 49.5W 160mA (100%)
NOOS 2 4P4 70DE.180-4M	STA STA1 STU-S	6270lm 49.1W 159mA (88%)	6270lm 55.9W 180mA (100%)
NOOS 2 4P4 70DE.080-4M		3000lm 23.3W 72mA (90%)	2990lm 25.7W 80mA (100%)
NOOS 2 4P4 70DE.090-4M		3360lm 26W 81mA (90%)	3340lm 28.7W 90mA (100%)
NOOS 2 4P4 70DE.100-4M		3720lm 28.7W 90mA (90%)	3700lm 31.8W 100mA (100%)
NOOS 2 4P4 70DE.120-4M		4430lm 34W 108mA (90%)	4410lm 37.7W 120mA (100%)
NOOS 2 4P4 70DE.140-4M		5090lm 39.2W 125mA (89%)	5090lm 44W 140mA (100%)
NOOS 2 4P4 70DE.160-4M	STE-M STU-M STW SV	5730lm 43.8W 142mA (88%)	5730lm 49.5W 160mA (100%)
NOOS 2 4P4 70DE.180-4M		6340lm 49.1W 159mA (88%)	6340lm 55.9W 180mA (100%)
NOOS 2 4P4 70DE.080-4M		3070lm 23.3W 72mA (90%)	3060lm 25.7W 80mA (100%)
NOOS 2 4P4 70DE.090-4M		3440lm 26W 81mA (90%)	3430lm 28.7W 90mA (100%)
NOOS 2 4P4 70DE.100-4M		3810lm 28.7W 90mA (90%)	3790lm 31.8W 100mA (100%)
NOOS 2 4P4 70DE.120-4M		4530lm 34W 108mA (90%)	4510lm 37.7W 120mA (100%)
NOOS 2 4P4 70DE.140-4M	STW SV	5200lm 39.2W 125mA (89%)	5200lm 44W 140mA (100%)
NOOS 2 4P4 70DE.160-4M		5890lm 44.1W 143mA (89%)	5860lm 49.5W 160mA (100%)
NOOS 2 4P4 70DE.180-4M		6480lm 49.1W 159mA (88%)	6480lm 55.9W 180mA (100%)

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.
Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±10%.
Meets Dark Sky requirements when equipped with LEDs with a colour temperature of 3000K or less.
The characteristics of the product listed above are subjected to change without notice.

LUMINOUS FLUX AND POWER WITH ONE STEP REDUCTION PROFILE (TWS1)

LUMINAIRE	OPTIC	FLUX LUMINAIRE POWER LED CURRENT*			FLUX LUMINAIRE POWER LED CURRENT*		
		(Tq=25°C, 2700K, 100% of flux)			(Tq=25°C, 2200K, 75% of flux)		
NOOS 2 4P4 70DE.080-4M	S05	3280lm	25.7W	80mA (100%)	2490lm	21.9W	67mA (83%)
NOOS 2 4P4 70DE.090-4M		3680lm	28.7W	90mA (100%)	2770lm	24.2W	75mA (83%)
NOOS 2 4P4 70DE.100-4M		4070lm	31.8W	100mA (100%)	3060lm	26.6W	83mA (83%)
NOOS 2 4P4 70DE.120-4M		4840lm	37.7W	120mA (100%)	3630lm	31.5W	99mA (82%)
NOOS 2 4P4 70DE.140-4M		5590lm	44W	140mA (100%)	4220lm	36.4W	116mA (82%)
NOOS 2 4P4 70DE.160-4M	STE-S	6300lm	49.5W	160mA (100%)	4730lm	41.1W	131mA (81%)
NOOS 2 4P4 70DE.180-4M		6960lm	55.9W	180mA (100%)	5230lm	45W	146mA (81%)
NOOS 2 4P4 70DE.080-4M		3320lm	25.7W	80mA (100%)	2520lm	21.9W	67mA (83%)
NOOS 2 4P4 70DE.090-4M		3720lm	28.7W	90mA (100%)	2810lm	24.2W	75mA (83%)
NOOS 2 4P4 70DE.100-4M		4110lm	31.8W	100mA (100%)	3090lm	26.6W	83mA (83%)
NOOS 2 4P4 70DE.120-4M	STA	4900lm	37.7W	120mA (100%)	3700lm	31.8W	100mA (83%)
NOOS 2 4P4 70DE.140-4M		5650lm	44W	140mA (100%)	4270lm	36.4W	116mA (82%)
NOOS 2 4P4 70DE.160-4M		6370lm	49.5W	160mA (100%)	4780lm	41.1W	131mA (81%)
NOOS 2 4P4 70DE.180-4M		7040lm	55.9W	180mA (100%)	5290lm	45W	146mA (81%)
NOOS 2 4P4 70DE.080-4M		3400lm	25.7W	80mA (100%)	2550lm	21.6W	66mA (82%)
NOOS 2 4P4 70DE.090-4M	STE-M	3810lm	28.7W	90mA (100%)	2880lm	24.2W	75mA (83%)
NOOS 2 4P4 70DE.100-4M		4210lm	31.8W	100mA (100%)	3170lm	26.6W	83mA (83%)
NOOS 2 4P4 70DE.120-4M		5010lm	37.7W	120mA (100%)	3790lm	31.8W	100mA (83%)
NOOS 2 4P4 70DE.140-4M		5780lm	44W	140mA (100%)	4370lm	36.4W	116mA (82%)
NOOS 2 4P4 70DE.160-4M		6510lm	49.5W	160mA (100%)	4890lm	41.1W	131mA (81%)
NOOS 2 4P4 70DE.180-4M	STU-S	7200lm	55.9W	180mA (100%)	5400lm	45W	146mA (81%)

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.
Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±10%.
Meets Dark Sky requirements when equipped with LEDs with a colour temperature of 3000K or less.
The characteristics of the product listed above are subjected to change without notice.

LUMINOUS FLUX AND POWER WITH TWO-STEP REDUCTION PROFILE (TWS2)

LUMINAIRE	OPTIC	FLUX LUMINAIRE POWER LED CURRENT*			FLUX LUMINAIRE POWER*			FLUX LUMINAIRE POWER LED CURRENT*		
		(Tq=25°C, 2700K, 100% of flux)			(Tq=25°C, 2400K, 75% of flux)			(Tq=25°C, 2200K, 50% of flux)		
NOOS 2 4P4 70DE.080-4M	S05	3280lm	25.7W	80mA (100%)	2460lm	20.7W		1640lm	14.9W	43mA (53%)
NOOS 2 4P4 70DE.090-4M		3680lm	28.7W	90mA (100%)	2760lm	23W		1850lm	16.6W	49mA (54%)
NOOS 2 4P4 70DE.100-4M		4070lm	31.8W	100mA (100%)	3060lm	25.4W		2070lm	18.4W	55mA (55%)
NOOS 2 4P4 70DE.120-4M		4840lm	37.7W	120mA (100%)	3660lm	30.3W		2420lm	21.3W	65mA (54%)
NOOS 2 4P4 70DE.140-4M		5590lm	44W	140mA (100%)	4210lm	34.6W		2810lm	24.5W	76mA (54%)
NOOS 2 4P4 70DE.160-4M	STE-S	6300lm	49.5W	160mA (100%)	4750lm	39.2W		3170lm	27.5W	86mA (53%)
NOOS 2 4P4 70DE.180-4M		6960lm	55.9W	180mA (100%)	5240lm	43.7W		3480lm	30.3W	95mA (52%)
NOOS 2 4P4 70DE.080-4M		3320lm	25.7W	80mA (100%)	2490lm	20.7W		1670lm	14.9W	43mA (53%)
NOOS 2 4P4 70DE.090-4M		3720lm	28.7W	90mA (100%)	2790lm	23W		1880lm	16.6W	49mA (54%)
NOOS 2 4P4 70DE.100-4M		4110lm	31.8W	100mA (100%)	3100lm	25.4W		2060lm	18.1W	54mA (54%)
NOOS 2 4P4 70DE.120-4M	STA	4900lm	37.7W	120mA (100%)	3700lm	30.3W		2450lm	21.3W	65mA (54%)
NOOS 2 4P4 70DE.140-4M		5650lm	44W	140mA (100%)	4260lm	34.6W		2840lm	24.5W	76mA (54%)
NOOS 2 4P4 70DE.160-4M		6370lm	49.5W	160mA (100%)	4800lm	39.2W		3200lm	27.5W	86mA (53%)
NOOS 2 4P4 70DE.180-4M		7040lm	55.9W	180mA (100%)	5300lm	43.7W		3560lm	30.6W	96mA (53%)
NOOS 2 4P4 70DE.080-4M		3400lm	25.7W	80mA (100%)	2560lm	20.7W		1700lm	14.9W	43mA (53%)
NOOS 2 4P4 70DE.090-4M	STE-M	3810lm	28.7W	90mA (100%)	2860lm	23W		1920lm	16.6W	49mA (54%)
NOOS 2 4P4 70DE.100-4M		4210lm	31.8W	100mA (100%)	3170lm	25.4W		2110lm	18.1W	54mA (54%)
NOOS 2 4P4 70DE.120-4M		5010lm	37.7W	120mA (100%)	3790lm	30.3W		2510lm	21.3W	65mA (54%)
NOOS 2 4P4 70DE.140-4M		5780lm	44W	140mA (100%)	4360lm	34.6W		2910lm	24.5W	76mA (54%)
NOOS 2 4P4 70DE.160-4M		6510lm	49.5W	160mA (100%)	4910lm	39.2W		3280lm	27.5W	86mA (53%)
NOOS 2 4P4 70DE.180-4M	STU-S	7200lm	55.9W	180mA (100%)	5420lm	43.7W		3610lm	30.3W	95mA (52%)

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.
Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±10%.
Meets Dark Sky requirements when equipped with LEDs with a colour temperature of 3000K or less.
The characteristics of the product listed above are subjected to change without notice.

NOOS 2 5P5 DF

MAX LUMINOUS FLUX AND POWER

LUMINAIRE	OPTIC	LED CURRENT (mA)	LUMINAIRE FLUX* (3000K, lm)	LUMINAIRE FLUX* (2700K, lm)	LUMINAIRE FLUX* (2200K, lm)	LUMINAIRE POWER* (W)	LUMINAIRE EFFICACY (3000K, lm/W)
NOOS 2 5P5 70DF.060-4M	S05 S07 STA STA1 STE-S STU-S	60	3260	3120	2810	24.4	133.6
NOOS 2 5P5 70DF.070-4M		70	3770	3610	3250	28.2	133.6
NOOS 2 5P5 70DF.080-4M		80	4280	4100	3690	31.9	134.1
NOOS 2 5P5 70DF.090-4M		90	4800	4600	4140	35.8	134.0
NOOS 2 5P5 70DF.100-4M		100	5310	5090	4580	39.6	134.0
NOOS 2 5P5 70DF.120-4M		120	6320	6050	5450	47	134.4
NOOS 2 5P5 70DF.140-4M		140	7290	6980	6290	54.9	132.7
NOOS 2 5P5 70DF.160-4M		160	8220	7870	7090	61.7	133.2
NOOS 2 5P5 70DF.180-4M	STE-M STU-M STW SV	180	9090	8700	7830	69.7	130.4
NOOS 2 5P5 70DF.060-4M		60	3330	3190	2870	24.4	136.4
NOOS 2 5P5 70DF.070-4M		70	3850	3690	3320	28.2	136.5
NOOS 2 5P5 70DF.080-4M		80	4380	4200	3780	31.9	137.3
NOOS 2 5P5 70DF.090-4M		90	4910	4700	4230	35.8	137.1
NOOS 2 5P5 70DF.100-4M		100	5430	5200	4680	39.6	137.1
NOOS 2 5P5 70DF.120-4M		120	6470	6190	5570	47	137.6
NOOS 2 5P5 70DF.140-4M		140	7460	7150	6430	54.9	135.8
NOOS 2 5P5 70DF.160-4M		160	8410	8060	7250	61.7	136.3
NOOS 2 5P5 70DF.180-4M		180	9300	8900	8010	69.7	133.4

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.
Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±10%.
Meets Dark Sky requirements when equipped with LEDs with a colour temperature of 3000K or less.
The characteristics of the product listed above are subjected to change without notice.

LUMINOUS FLUX AND POWER WITH CONSTANT FLUX PROFILE (TWC1)

LUMINAIRE	OPTIC	FLUX LUMINAIRE POWER LED CURRENT* (Tq=25°C, 3000K, 100% of flux)			FLUX LUMINAIRE POWER LED CURRENT* (Tq=25°C, 2200K, 100% of flux)		
NOOS 2 5P5 70DF.060-4M	S05 S07 STA STA1 STE-S STU-S	2850lm	21.4W	52mA (86%)	2810lm	24.4W	60mA (100%)
NOOS 2 5P5 70DF.070-4M		3260lm	24.4W	60mA (85%)	3250lm	28.2W	70mA (100%)
NOOS 2 5P5 70DF.080-4M		3720lm	27.8W	69mA (86%)	3690lm	31.9W	80mA (100%)
NOOS 2 5P5 70DF.090-4M		4180lm	31.2W	78mA (86%)	4140lm	35.8W	90mA (100%)
NOOS 2 5P5 70DF.100-4M		4590lm	34.2W	86mA (86%)	4580lm	39.6W	100mA (100%)
NOOS 2 5P5 70DF.120-4M		5460lm	40.4W	103mA (85%)	5450lm	47W	120mA (100%)
NOOS 2 5P5 70DF.140-4M		6320lm	47W	120mA (85%)	6290lm	54.9W	140mA (100%)
NOOS 2 5P5 70DF.160-4M		7100lm	53.3W	136mA (85%)	7090lm	61.7W	160mA (100%)
NOOS 2 5P5 70DF.180-4M	STE-M STU-M STW SV	7860lm	58.6W	152mA (84%)	7830lm	69.7W	180mA (100%)
NOOS 2 5P5 70DF.060-4M		2910lm	21.4W	52mA (86%)	2870lm	24.4W	60mA (100%)
NOOS 2 5P5 70DF.070-4M		3330lm	24.4W	60mA (85%)	3320lm	28.2W	70mA (100%)
NOOS 2 5P5 70DF.080-4M		3800lm	27.8W	69mA (86%)	3780lm	31.9W	80mA (100%)
NOOS 2 5P5 70DF.090-4M		4280lm	31.2W	78mA (86%)	4230lm	35.8W	90mA (100%)
NOOS 2 5P5 70DF.100-4M		4700lm	34.2W	86mA (86%)	4680lm	39.6W	100mA (100%)
NOOS 2 5P5 70DF.120-4M		5590lm	40.4W	103mA (85%)	5570lm	47W	120mA (100%)
NOOS 2 5P5 70DF.140-4M		6470lm	47W	120mA (85%)	6430lm	54.9W	140mA (100%)
NOOS 2 5P5 70DF.160-4M		7270lm	53.3W	136mA (85%)	7250lm	61.7W	160mA (100%)
NOOS 2 5P5 70DF.180-4M		8040lm	58.6W	152mA (84%)	8010lm	69.7W	180mA (100%)

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.
Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±10%.
Meets Dark Sky requirements when equipped with LEDs with a colour temperature of 3000K or less.
The characteristics of the product listed above are subjected to change without notice.

LUMINOUS FLUX AND POWER WITH ONE STEP REDUCTION PROFILE (TWS1)

LUMINAIRE	OPTIC	FLUX LUMINAIRE POWER LED CURRENT*			FLUX LUMINAIRE POWER LED CURRENT*		
		(Tq=25°C, 3000K, 100% of flux)			(Tq=25°C, 2200K, 75% of flux)		
NOOS 2 5P5 70DF.060-4M	S05	3260lm	24.4W	60mA (100%)	2450lm	21.4W	52mA (86%)
NOOS 2 5P5 70DF.070-4M		3770lm	28.2W	70mA (100%)	2850lm	24.8W	61mA (87%)
NOOS 2 5P5 70DF.080-4M		4280lm	31.9W	80mA (100%)	3250lm	28.2W	70mA (87%)
NOOS 2 5P5 70DF.090-4M		4800lm	35.8W	90mA (100%)	3600lm	31.2W	78mA (86%)
NOOS 2 5P5 70DF.100-4M		5310lm	39.6W	100mA (100%)	4000lm	34.6W	87mA (87%)
NOOS 2 5P5 70DF.120-4M		6320lm	47W	120mA (100%)	4750lm	40.8W	104mA (86%)
NOOS 2 5P5 70DF.140-4M		7290lm	54.9W	140mA (100%)	5490lm	47.4W	121mA (86%)
NOOS 2 5P5 70DF.160-4M		8220lm	61.7W	160mA (100%)	6200lm	54.1W	138mA (86%)
NOOS 2 5P5 70DF.180-4M	STE-M	9090lm	69.7W	180mA (100%)	6850lm	59.4W	154mA (85%)
NOOS 2 5P5 70DF.060-4M		3330lm	24.4W	60mA (100%)	2510lm	21.4W	52mA (86%)
NOOS 2 5P5 70DF.070-4M		3850lm	28.2W	70mA (100%)	2910lm	24.8W	61mA (87%)
NOOS 2 5P5 70DF.080-4M		4380lm	31.9W	80mA (100%)	3320lm	28.2W	70mA (87%)
NOOS 2 5P5 70DF.090-4M		4910lm	35.8W	90mA (100%)	3690lm	31.2W	78mA (86%)
NOOS 2 5P5 70DF.100-4M		5430lm	39.6W	100mA (100%)	4090lm	34.6W	87mA (87%)
NOOS 2 5P5 70DF.120-4M		6470lm	47W	120mA (100%)	4860lm	40.8W	104mA (86%)
NOOS 2 5P5 70DF.140-4M		7460lm	54.9W	140mA (100%)	5610lm	47.4W	121mA (86%)
NOOS 2 5P5 70DF.160-4M	STW	8410lm	61.7W	160mA (100%)	6350lm	54.1W	138mA (86%)
NOOS 2 5P5 70DF.180-4M		9300lm	69.7W	180mA (100%)	7010lm	59.4W	154mA (85%)

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.

Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±10%.

Meets Dark Sky requirements when equipped with LEDs with a colour temperature of 3000K or less.

The characteristics of the product listed above are subjected to change without notice.

LUMINOUS FLUX AND POWER WITH TWO-STEP REDUCTION PROFILE (TWS2)

LUMINAIRE	OPTIC	FLUX LUMINAIRE POWER LED CURRENT*			FLUX LUMINAIRE POWER*			FLUX LUMINAIRE POWER LED CURRENT*		
		(Tq=25°C, 3000K, 100% of flux)			(Tq=25°C, 2700K, 75% of flux)			(Tq=25°C, 2200K, 50% of flux)		
NOOS 2 5P5 70DF.060-4M	S05	3260lm	24.4W	60mA (100%)	2480lm	19.5W		1930lm	17W	40mA (66%)
NOOS 2 5P5 70DF.070-4M		3770lm	28.2W	70mA (100%)	2870lm	22.5W		1930lm	17W	40mA (57%)
NOOS 2 5P5 70DF.080-4M		4280lm	31.9W	80mA (100%)	3220lm	25.1W		2150lm	18.8W	45mA (56%)
NOOS 2 5P5 70DF.090-4M		4800lm	35.8W	90mA (100%)	3610lm	28.2W		2410lm	21W	51mA (56%)
NOOS 2 5P5 70DF.100-4M		5310lm	39.6W	100mA (100%)	4000lm	31.2W		2670lm	23.3W	57mA (56%)
NOOS 2 5P5 70DF.120-4M		6320lm	47W	120mA (100%)	4740lm	36.9W		3160lm	27.4W	68mA (56%)
NOOS 2 5P5 70DF.140-4M		7290lm	54.9W	140mA (100%)	5470lm	42.4W		3650lm	31.6W	79mA (56%)
NOOS 2 5P5 70DF.160-4M		8220lm	61.7W	160mA (100%)	6190lm	48.2W		4140lm	35.8W	90mA (56%)
NOOS 2 5P5 70DF.180-4M	STE-M	9090lm	69.7W	180mA (100%)	6850lm	53.7W		4580lm	39.6W	100mA (55%)
NOOS 2 5P5 70DF.060-4M		3330lm	24.4W	60mA (100%)	2530lm	19.5W		1970lm	17W	40mA (66%)
NOOS 2 5P5 70DF.070-4M		3850lm	28.2W	70mA (100%)	2930lm	22.5W		1970lm	17W	40mA (57%)
NOOS 2 5P5 70DF.080-4M		4380lm	31.9W	80mA (100%)	3290lm	25.1W		2190lm	18.8W	45mA (56%)
NOOS 2 5P5 70DF.090-4M		4910lm	35.8W	90mA (100%)	3690lm	28.2W		2460lm	21W	51mA (56%)
NOOS 2 5P5 70DF.100-4M		5430lm	39.6W	100mA (100%)	4090lm	31.2W		2730lm	23.3W	57mA (56%)
NOOS 2 5P5 70DF.120-4M		6470lm	47W	120mA (100%)	4900lm	37.3W		3280lm	27.8W	69mA (57%)
NOOS 2 5P5 70DF.140-4M		7460lm	54.9W	140mA (100%)	5600lm	42.4W		3730lm	31.6W	79mA (56%)
NOOS 2 5P5 70DF.160-4M	STW	8410lm	61.7W	160mA (100%)	6340lm	48.2W		4230lm	35.8W	90mA (56%)
NOOS 2 5P5 70DF.180-4M		9300lm	69.7W	180mA (100%)	7010lm	53.7W		4680lm	39.6W	100mA (55%)

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.

Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±10%.

Meets Dark Sky requirements when equipped with LEDs with a colour temperature of 3000K or less.

The characteristics of the product listed above are subjected to change without notice.

NOOS 2 4P4 DF

MAX LUMINOUS FLUX AND POWER

LUMINAIRE	OPTIC	LED CURRENT (mA)	LUMINAIRE FLUX* (3000K, lm)	LUMINAIRE FLUX* (2700K, lm)	LUMINAIRE FLUX* (2200K, lm)	LUMINAIRE POWER* (W)	LUMINAIRE EFFICACY (3000K, lm/W)
NOOS 2 4P4 70DF.080-4M	S05	80	3430	3280	2950	25.7	133.4
NOOS 2 4P4 70DF.090-4M		90	3840	3680	3310	28.7	133.7
NOOS 2 4P4 70DF.100-4M		100	4250	4070	3660	31.8	133.6
NOOS 2 4P4 70DF.120-4M		120	5060	4840	4360	37.7	134.2
NOOS 2 4P4 70DF.140-4M		140	5840	5590	5030	44	132.7
NOOS 2 4P4 70DF.160-4M		160	6580	6300	5670	49.5	132.9
NOOS 2 4P4 70DF.180-4M	STE-S	180	7270	6960	6270	55.9	130.0
NOOS 2 4P4 70DF.080-4M		80	3470	3320	2990	25.7	135.0
NOOS 2 4P4 70DF.090-4M		90	3880	3720	3340	28.7	135.1
NOOS 2 4P4 70DF.100-4M		100	4300	4110	3700	31.8	135.2
NOOS 2 4P4 70DF.120-4M		120	5110	4900	4410	37.7	135.5
NOOS 2 4P4 70DF.140-4M		140	5900	5650	5090	44	134.0
NOOS 2 4P4 70DF.160-4M	STA	160	6650	6370	5730	49.5	134.3
NOOS 2 4P4 70DF.180-4M		180	7350	7040	6340	55.9	131.4
NOOS 2 4P4 70DF.080-4M		80	3550	3400	3060	25.7	138.1
NOOS 2 4P4 70DF.090-4M		90	3980	3810	3430	28.7	138.6
NOOS 2 4P4 70DF.100-4M		100	4400	4210	3790	31.8	138.3
NOOS 2 4P4 70DF.120-4M		120	5230	5010	4510	37.7	138.7
NOOS 2 4P4 70DF.140-4M	STU-M	140	6030	5780	5200	44	137.0
NOOS 2 4P4 70DF.160-4M		160	6800	6510	5860	49.5	137.3
NOOS 2 4P4 70DF.180-4M		180	7520	7200	6480	55.9	134.5
NOOS 2 4P4 70DF.180-4M		180	7520	7200	6480	55.9	134.5

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.
Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±10%.
Meets Dark Sky requirements when equipped with LEDs with a colour temperature of 3000K or less.
The characteristics of the product listed above are subjected to change without notice.

LUMINOUS FLUX AND POWER WITH CONSTANT FLUX PROFILE (TWC1)

LUMINAIRE	OPTIC	FLUX LUMINAIRE POWER LED CURRENT* (Tq=25°C, 3000K, 100% of flux)			FLUX LUMINAIRE POWER LED CURRENT* (Tq=25°C, 2200K, 100% of flux)		
NOOS 2 4P4 70DF.080-4M	S05	2970lm	22.4W	69mA (86%)	2950lm	25.7W	80mA (100%)
NOOS 2 4P4 70DF.090-4M		3340lm	25.1W	78mA (86%)	3310lm	28.7W	90mA (100%)
NOOS 2 4P4 70DF.100-4M		3670lm	27.5W	86mA (86%)	3660lm	31.8W	100mA (100%)
NOOS 2 4P4 70DF.120-4M		4370lm	32.4W	103mA (85%)	4360lm	37.7W	120mA (100%)
NOOS 2 4P4 70DF.140-4M		5060lm	37.7W	120mA (85%)	5030lm	44W	140mA (100%)
NOOS 2 4P4 70DF.160-4M		5680lm	42.7W	136mA (85%)	5670lm	49.5W	160mA (100%)
NOOS 2 4P4 70DF.180-4M	STE-S	6290lm	46.9W	152mA (84%)	6270lm	55.9W	180mA (100%)
NOOS 2 4P4 70DF.080-4M		3010lm	22.4W	69mA (86%)	2990lm	25.7W	80mA (100%)
NOOS 2 4P4 70DF.090-4M		3340lm	24.8W	77mA (85%)	3340lm	28.7W	90mA (100%)
NOOS 2 4P4 70DF.100-4M		3720lm	27.5W	86mA (86%)	3700lm	31.8W	100mA (100%)
NOOS 2 4P4 70DF.120-4M		4420lm	32.4W	103mA (85%)	4410lm	37.7W	120mA (100%)
NOOS 2 4P4 70DF.140-4M		5110lm	37.7W	120mA (85%)	5090lm	44W	140mA (100%)
NOOS 2 4P4 70DF.160-4M	STA	5750lm	42.7W	136mA (85%)	5730lm	49.5W	160mA (100%)
NOOS 2 4P4 70DF.180-4M		6360lm	46.9W	152mA (84%)	6340lm	55.9W	180mA (100%)
NOOS 2 4P4 70DF.080-4M		3080lm	22.4W	69mA (86%)	3060lm	25.7W	80mA (100%)
NOOS 2 4P4 70DF.090-4M		3470lm	25.1W	78mA (86%)	3430lm	28.7W	90mA (100%)
NOOS 2 4P4 70DF.100-4M		3810lm	27.5W	86mA (86%)	3790lm	31.8W	100mA (100%)
NOOS 2 4P4 70DF.120-4M		4530lm	32.4W	103mA (85%)	4510lm	37.7W	120mA (100%)
NOOS 2 4P4 70DF.140-4M	STU-M	5230lm	37.7W	120mA (85%)	5200lm	44W	140mA (100%)
NOOS 2 4P4 70DF.160-4M		5880lm	42.7W	136mA (85%)	5860lm	49.5W	160mA (100%)
NOOS 2 4P4 70DF.180-4M		6500lm	46.9W	152mA (84%)	6480lm	55.9W	180mA (100%)
NOOS 2 4P4 70DF.180-4M		6500lm	46.9W	152mA (84%)	6480lm	55.9W	180mA (100%)

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.
Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±10%.
Meets Dark Sky requirements when equipped with LEDs with a colour temperature of 3000K or less.
The characteristics of the product listed above are subjected to change without notice.

LUMINOUS FLUX AND POWER WITH ONE STEP REDUCTION PROFILE (TWS1)

LUMINAIRE	OPTIC	FLUX LUMINAIRE POWER LED CURRENT*			FLUX LUMINAIRE POWER LED CURRENT*		
		(Tq=25°C, 3000K, 100% of flux)			(Tq=25°C, 2200K, 75% of flux)		
NOOS 2 4P4 70DF.080-4M	S05	3430lm	25.7W	80mA (100%)	2600lm	22.7W	70mA (87%)
NOOS 2 4P4 70DF.090-4M		3840lm	28.7W	90mA (100%)	2880lm	25.1W	78mA (86%)
NOOS 2 4P4 70DF.100-4M		4250lm	31.8W	100mA (100%)	3200lm	27.8W	87mA (87%)
NOOS 2 4P4 70DF.120-4M		5060lm	37.7W	120mA (100%)	3800lm	32.7W	104mA (86%)
NOOS 2 4P4 70DF.140-4M		5840lm	44W	140mA (100%)	4390lm	38W	121mA (86%)
NOOS 2 4P4 70DF.160-4M	STE-S	6580lm	49.5W	160mA (100%)	4960lm	43.4W	138mA (86%)
NOOS 2 4P4 70DF.180-4M		7270lm	55.9W	180mA (100%)	5480lm	47.6W	154mA (85%)
NOOS 2 4P4 70DF.080-4M	STA	3470lm	25.7W	80mA (100%)	2630lm	22.7W	70mA (87%)
NOOS 2 4P4 70DF.090-4M		3880lm	28.7W	90mA (100%)	2910lm	25.1W	78mA (86%)
NOOS 2 4P4 70DF.100-4M		4300lm	31.8W	100mA (100%)	3240lm	27.8W	87mA (87%)
NOOS 2 4P4 70DF.120-4M		5110lm	37.7W	120mA (100%)	3840lm	32.7W	104mA (86%)
NOOS 2 4P4 70DF.140-4M		5900lm	44W	140mA (100%)	4440lm	38W	121mA (86%)
NOOS 2 4P4 70DF.160-4M	STU-S	6650lm	49.5W	160mA (100%)	4990lm	43W	137mA (85%)
NOOS 2 4P4 70DF.180-4M		7350lm	55.9W	180mA (100%)	5540lm	47.6W	154mA (85%)
NOOS 2 4P4 70DF.080-4M	STE-M	3550lm	25.7W	80mA (100%)	2690lm	22.7W	70mA (87%)
NOOS 2 4P4 70DF.090-4M		3980lm	28.7W	90mA (100%)	2990lm	25.1W	78mA (86%)
NOOS 2 4P4 70DF.100-4M		4400lm	31.8W	100mA (100%)	3320lm	27.8W	87mA (87%)
NOOS 2 4P4 70DF.120-4M		5230lm	37.7W	120mA (100%)	3940lm	32.7W	104mA (86%)
NOOS 2 4P4 70DF.140-4M		6030lm	44W	140mA (100%)	4540lm	38W	121mA (86%)
NOOS 2 4P4 70DF.160-4M	STW SV	6800lm	49.5W	160mA (100%)	5100lm	43W	137mA (85%)
NOOS 2 4P4 70DF.180-4M		7520lm	55.9W	180mA (100%)	5670lm	47.6W	154mA (85%)

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.

Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±10%.

Meets Dark Sky requirements when equipped with LEDs with a colour temperature of 3000K or less.

The characteristics of the product listed above are subjected to change without notice.

LUMINOUS FLUX AND POWER WITH TWO-STEP REDUCTION PROFILE (TWS2)

LUMINAIRE	OPTIC	FLUX LUMINAIRE POWER LED CURRENT*			FLUX LUMINAIRE POWER*			FLUX LUMINAIRE POWER LED CURRENT*		
		(Tq=25°C, 3000K, 100% of flux)			(Tq=25°C, 2700K, 75% of flux)			(Tq=25°C, 2200K, 50% of flux)		
NOOS 2 4P4 70DF.080-4M	S05	3430lm	25.7W	80mA (100%)	2610lm	20.7W		1750lm	15.8W	46mA (57%)
NOOS 2 4P4 70DF.090-4M		3840lm	28.7W	90mA (100%)	2890lm	22.7W		1920lm	17.2W	51mA (56%)
NOOS 2 4P4 70DF.100-4M		4250lm	31.8W	100mA (100%)	3200lm	25.1W		2140lm	18.9W	57mA (56%)
NOOS 2 4P4 70DF.120-4M		5060lm	37.7W	120mA (100%)	3830lm	30W		2530lm	22.1W	68mA (56%)
NOOS 2 4P4 70DF.140-4M		5840lm	44W	140mA (100%)	4380lm	34W		2920lm	25.4W	79mA (56%)
NOOS 2 4P4 70DF.160-4M	STE-S	6580lm	49.5W	160mA (100%)	4960lm	38.6W		3310lm	28.7W	90mA (56%)
NOOS 2 4P4 70DF.180-4M		7270lm	55.9W	180mA (100%)	5480lm	43W		3660lm	31.8W	100mA (55%)
NOOS 2 4P4 70DF.080-4M	STA	3470lm	25.7W	80mA (100%)	2640lm	20.7W		1740lm	15.5W	45mA (56%)
NOOS 2 4P4 70DF.090-4M		3880lm	28.7W	90mA (100%)	2920lm	22.7W		1950lm	17.2W	51mA (56%)
NOOS 2 4P4 70DF.100-4M		4300lm	31.8W	100mA (100%)	3240lm	25.1W		2160lm	18.9W	57mA (56%)
NOOS 2 4P4 70DF.120-4M		5110lm	37.7W	120mA (100%)	3840lm	29.7W		2560lm	22.1W	68mA (56%)
NOOS 2 4P4 70DF.140-4M		5900lm	44W	140mA (100%)	4430lm	34W		2950lm	25.4W	79mA (56%)
NOOS 2 4P4 70DF.160-4M	STU-S	6650lm	49.5W	160mA (100%)	5010lm	38.6W		3340lm	28.7W	90mA (56%)
NOOS 2 4P4 70DF.180-4M		7350lm	55.9W	180mA (100%)	5540lm	43W		3700lm	31.8W	100mA (55%)
NOOS 2 4P4 70DF.080-4M	STE-M	3550lm	25.7W	80mA (100%)	2670lm	20.4W		1780lm	15.5W	45mA (56%)
NOOS 2 4P4 70DF.090-4M		3980lm	28.7W	90mA (100%)	2990lm	22.7W		2000lm	17.2W	51mA (56%)
NOOS 2 4P4 70DF.100-4M		4400lm	31.8W	100mA (100%)	3320lm	25.1W		2220lm	18.9W	57mA (56%)
NOOS 2 4P4 70DF.120-4M		5230lm	37.7W	120mA (100%)	3930lm	29.7W		2620lm	22.1W	68mA (56%)
NOOS 2 4P4 70DF.140-4M		6030lm	44W	140mA (100%)	4530lm	34W		3020lm	25.4W	79mA (56%)
NOOS 2 4P4 70DF.160-4M	STW SV	6800lm	49.5W	160mA (100%)	5130lm	38.6W		3430lm	28.7W	90mA (56%)
NOOS 2 4P4 70DF.180-4M		7520lm	55.9W	180mA (100%)	5660lm	43W		3790lm	31.8W	100mA (55%)

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.

Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±10%.

Meets Dark Sky requirements when equipped with LEDs with a colour temperature of 3000K or less.

The characteristics of the product listed above are subjected to change without notice.

NOOS 2 5P5 EG

MAX LUMINOUS FLUX AND POWER

LUMINAIRE	OPTIC	LED CURRENT (mA)	LUMINAIRE FLUX* (4000K, lm)	LUMINAIRE FLUX* (3000K, lm)	LUMINAIRE FLUX* (2700K, lm)	LUMINAIRE POWER* (W)	LUMINAIRE EFFICACY (4000K, lm/W)
NOOS 2 5P5 70EG.060-4M	S05	60	3460	3260	3120	24.4	141.8
NOOS 2 5P5 70EG.070-4M		70	4010	3770	3610	28.2	142.1
NOOS 2 5P5 70EG.080-4M		80	4560	4280	4100	31.9	142.9
NOOS 2 5P5 70EG.090-4M		90	5110	4800	4600	35.8	142.7
NOOS 2 5P5 70EG.100-4M		100	5650	5310	5090	39.6	142.6
NOOS 2 5P5 70EG.120-4M	STE-S	120	6720	6320	6050	47	142.9
NOOS 2 5P5 70EG.140-4M	STU-S	140	7760	7290	6980	54.9	141.3
NOOS 2 5P5 70EG.160-4M	STE-M	160	8750	8220	7870	61.7	141.8
NOOS 2 5P5 70EG.180-4M		180	9670	9090	8700	69.7	138.7
NOOS 2 5P5 70EG.060-4M		60	3540	3330	3190	24.4	145.0
NOOS 2 5P5 70EG.070-4M		70	4100	3850	3690	28.2	145.3
NOOS 2 5P5 70EG.080-4M		80	4660	4380	4200	31.9	146.0
NOOS 2 5P5 70EG.090-4M	STU-M	90	5220	4910	4700	35.8	145.8
NOOS 2 5P5 70EG.100-4M	STW	100	5780	5430	5200	39.6	145.9
NOOS 2 5P5 70EG.120-4M	SV	120	6880	6470	6190	47	146.3
NOOS 2 5P5 70EG.140-4M	SV	140	7940	7460	7150	54.9	144.6
NOOS 2 5P5 70EG.160-4M		160	8950	8410	8060	61.7	145.0
NOOS 2 5P5 70EG.180-4M		180	9890	9300	8900	69.7	141.8

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.
Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±10%.
Meets Dark Sky requirements when equipped with LEDs with a colour temperature of 3000K or less.
The characteristics of the product listed above are subjected to change without notice.

LUMINOUS FLUX AND POWER WITH CONSTANT FLUX PROFILE (TWC1)

LUMINAIRE	OPTIC	FLUX LUMINAIRE POWER LED CURRENT* (Tq=25°C, 4000K, 100% of flux)			FLUX LUMINAIRE POWER LED CURRENT* (Tq=25°C, 2700K, 100% of flux)		
NOOS 2 5P5 70EG.060-4M	S05	3140lm	22.1W	54mA (90%)	3120lm	24.4W	60mA (100%)
NOOS 2 5P5 70EG.070-4M		3630lm	25.5W	63mA (90%)	3610lm	28.2W	70mA (100%)
NOOS 2 5P5 70EG.080-4M		4120lm	28.9W	72mA (90%)	4100lm	31.9W	80mA (100%)
NOOS 2 5P5 70EG.090-4M		4610lm	32.3W	81mA (90%)	4600lm	35.8W	90mA (100%)
NOOS 2 5P5 70EG.100-4M		5110lm	35.8W	90mA (90%)	5090lm	39.6W	100mA (100%)
NOOS 2 5P5 70EG.120-4M	STE-S	6080lm	42.4W	108mA (90%)	6050lm	47W	120mA (100%)
NOOS 2 5P5 70EG.140-4M	STU-S	6990lm	49W	125mA (89%)	6980lm	54.9W	140mA (100%)
NOOS 2 5P5 70EG.160-4M	STE-M	7910lm	55W	143mA (89%)	7870lm	61.7W	160mA (100%)
NOOS 2 5P5 70EG.180-4M		8700lm	61.3W	159mA (88%)	8700lm	69.7W	180mA (100%)
NOOS 2 5P5 70EG.060-4M		3210lm	22.1W	54mA (90%)	3190lm	24.4W	60mA (100%)
NOOS 2 5P5 70EG.070-4M		3710lm	25.5W	63mA (90%)	3690lm	28.2W	70mA (100%)
NOOS 2 5P5 70EG.080-4M		4210lm	28.9W	72mA (90%)	4200lm	31.9W	80mA (100%)
NOOS 2 5P5 70EG.090-4M	STU-M	4720lm	32.3W	81mA (90%)	4700lm	35.8W	90mA (100%)
NOOS 2 5P5 70EG.100-4M	STW	5220lm	35.8W	90mA (90%)	5200lm	39.6W	100mA (100%)
NOOS 2 5P5 70EG.120-4M	SV	6220lm	42.4W	108mA (90%)	6190lm	47W	120mA (100%)
NOOS 2 5P5 70EG.140-4M	SV	7150lm	49W	125mA (89%)	7150lm	54.9W	140mA (100%)
NOOS 2 5P5 70EG.160-4M		8100lm	55W	143mA (89%)	8060lm	61.7W	160mA (100%)
NOOS 2 5P5 70EG.180-4M		8900lm	61.3W	159mA (88%)	8900lm	69.7W	180mA (100%)

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.
Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±10%.
Meets Dark Sky requirements when equipped with LEDs with a colour temperature of 3000K or less.
The characteristics of the product listed above are subjected to change without notice.

LUMINOUS FLUX AND POWER WITH ONE STEP REDUCTION PROFILE (TWS1)

LUMINAIRE	OPTIC	FLUX LUMINAIRE POWER LED CURRENT*			FLUX LUMINAIRE POWER LED CURRENT*		
		(Tq=25°C, 4000K, 100% of flux)			(Tq=25°C, 2700K, 75% of flux)		
NOOS 2 5P5 70EG.060-4M	S05	3460lm	24.4W	60mA (100%)	2630lm	20.7W	50mA (83%)
NOOS 2 5P5 70EG.070-4M		4010lm	28.2W	70mA (100%)	3020lm	23.6W	58mA (82%)
NOOS 2 5P5 70EG.080-4M		4560lm	31.9W	80mA (100%)	3460lm	27W	67mA (83%)
NOOS 2 5P5 70EG.090-4M		5110lm	35.8W	90mA (100%)	3860lm	30W	75mA (83%)
NOOS 2 5P5 70EG.100-4M		5650lm	39.6W	100mA (100%)	4250lm	33.1W	83mA (83%)
NOOS 2 5P5 70EG.120-4M		6720lm	47W	120mA (100%)	5040lm	39.3W	99mA (82%)
NOOS 2 5P5 70EG.140-4M		7760lm	54.9W	140mA (100%)	5860lm	45.5W	116mA (82%)
NOOS 2 5P5 70EG.160-4M		8750lm	61.7W	160mA (100%)	6570lm	51.3W	131mA (81%)
NOOS 2 5P5 70EG.180-4M	STE-M	9670lm	69.7W	180mA (100%)	7260lm	56.2W	146mA (81%)
NOOS 2 5P5 70EG.060-4M		3540lm	24.4W	60mA (100%)	2680lm	20.7W	50mA (83%)
NOOS 2 5P5 70EG.070-4M		4100lm	28.2W	70mA (100%)	3090lm	23.6W	58mA (82%)
NOOS 2 5P5 70EG.080-4M		4660lm	31.9W	80mA (100%)	3540lm	27W	67mA (83%)
NOOS 2 5P5 70EG.090-4M		5220lm	35.8W	90mA (100%)	3940lm	30W	75mA (83%)
NOOS 2 5P5 70EG.100-4M		5780lm	39.6W	100mA (100%)	4350lm	33.1W	83mA (83%)
NOOS 2 5P5 70EG.120-4M		6880lm	47W	120mA (100%)	5200lm	39.6W	100mA (83%)
NOOS 2 5P5 70EG.140-4M		7940lm	54.9W	140mA (100%)	5990lm	45.5W	116mA (82%)
NOOS 2 5P5 70EG.160-4M	STU-M	8950lm	61.7W	160mA (100%)	6720lm	51.3W	131mA (81%)
NOOS 2 5P5 70EG.180-4M		9890lm	69.7W	180mA (100%)	7420lm	56.2W	146mA (81%)

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.
Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±10%.
Meets Dark Sky requirements when equipped with LEDs with a colour temperature of 3000K or less.
The characteristics of the product listed above are subjected to change without notice.

LUMINOUS FLUX AND POWER WITH TWO-STEP REDUCTION PROFILE (TWS2)

LUMINAIRE	OPTIC	FLUX LUMINAIRE POWER LED CURRENT*			FLUX LUMINAIRE POWER*			FLUX LUMINAIRE POWER LED CURRENT*		
		(Tq=25°C, 4000K, 100% of flux)			(Tq=25°C, 3000K, 75% of flux)			(Tq=25°C, 2700K, 50% of flux)		
NOOS 2 5P5 70EG.060-4M	S05	3460lm	24.4W	60mA (100%)	2640lm	19.9W		1760lm	14W	32mA (53%)
NOOS 2 5P5 70EG.070-4M		4010lm	28.2W	70mA (100%)	3050lm	22.9W		2050lm	16.2W	38mA (54%)
NOOS 2 5P5 70EG.080-4M		4560lm	31.9W	80mA (100%)	3460lm	25.9W		2290lm	18.1W	43mA (53%)
NOOS 2 5P5 70EG.090-4M		5110lm	35.8W	90mA (100%)	3870lm	28.9W		2580lm	20.3W	49mA (54%)
NOOS 2 5P5 70EG.100-4M		5650lm	39.6W	100mA (100%)	4280lm	31.9W		2870lm	22.5W	55mA (55%)
NOOS 2 5P5 70EG.120-4M		6720lm	47W	120mA (100%)	5060lm	37.7W		3360lm	26.3W	65mA (54%)
NOOS 2 5P5 70EG.140-4M		7760lm	54.9W	140mA (100%)	5820lm	43.1W		3910lm	30.4W	76mA (54%)
NOOS 2 5P5 70EG.160-4M		8750lm	61.7W	160mA (100%)	6570lm	49W		4400lm	34.2W	86mA (53%)
NOOS 2 5P5 70EG.180-4M	STE-M	9670lm	69.7W	180mA (100%)	7290lm	54.9W		4840lm	37.7W	95mA (52%)
NOOS 2 5P5 70EG.060-4M		3540lm	24.4W	60mA (100%)	2700lm	19.9W		1790lm	14W	32mA (53%)
NOOS 2 5P5 70EG.070-4M		4100lm	28.2W	70mA (100%)	3120lm	22.9W		2090lm	16.2W	38mA (54%)
NOOS 2 5P5 70EG.080-4M		4660lm	31.9W	80mA (100%)	3540lm	25.9W		2340lm	18.1W	43mA (53%)
NOOS 2 5P5 70EG.090-4M		5220lm	35.8W	90mA (100%)	3960lm	28.9W		2630lm	20.3W	49mA (54%)
NOOS 2 5P5 70EG.100-4M		5780lm	39.6W	100mA (100%)	4380lm	31.9W		2930lm	22.5W	55mA (55%)
NOOS 2 5P5 70EG.120-4M		6880lm	47W	120mA (100%)	5170lm	37.7W		3440lm	26.3W	65mA (54%)
NOOS 2 5P5 70EG.140-4M		7940lm	54.9W	140mA (100%)	6000lm	43.5W		3990lm	30.4W	76mA (54%)
NOOS 2 5P5 70EG.160-4M	STU-M	8950lm	61.7W	160mA (100%)	6720lm	49W		4500lm	34.2W	86mA (53%)
NOOS 2 5P5 70EG.180-4M		9890lm	69.7W	180mA (100%)	7460lm	54.9W		4950lm	37.7W	95mA (52%)

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.
Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±10%.
Meets Dark Sky requirements when equipped with LEDs with a colour temperature of 3000K or less.
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NOOS 2 4P4 EG

MAX LUMINOUS FLUX AND POWER

LUMINAIRE	OPTIC	LED CURRENT (mA)	LUMINAIRE FLUX* (4000K, lm)	LUMINAIRE FLUX* (3000K, lm)	LUMINAIRE FLUX* (2700K, lm)	LUMINAIRE POWER* (W)	LUMINAIRE EFFICACY (4000K, lm/W)
NOOS 2 4P4 70EG.080-4M	S05	80	3650	3430	3280	25.7	142.0
NOOS 2 4P4 70EG.090-4M		90	4080	3840	3680	28.7	142.1
NOOS 2 4P4 70EG.100-4M		100	4520	4250	4070	31.8	142.1
NOOS 2 4P4 70EG.120-4M		120	5380	5060	4840	37.7	142.7
NOOS 2 4P4 70EG.140-4M		140	6210	5840	5590	44	141.1
NOOS 2 4P4 70EG.160-4M		160	7000	6580	6300	49.5	141.4
NOOS 2 4P4 70EG.180-4M	STE-S	180	7740	7270	6960	55.9	138.4
NOOS 2 4P4 70EG.080-4M		80	3690	3470	3320	25.7	143.5
NOOS 2 4P4 70EG.090-4M		90	4130	3880	3720	28.7	143.9
NOOS 2 4P4 70EG.100-4M		100	4570	4300	4110	31.8	143.7
NOOS 2 4P4 70EG.120-4M		120	5440	5110	4900	37.7	144.2
NOOS 2 4P4 70EG.140-4M		140	6280	5900	5650	44	142.7
NOOS 2 4P4 70EG.160-4M	STA	160	7080	6650	6370	49.5	143.0
NOOS 2 4P4 70EG.180-4M		180	7820	7350	7040	55.9	139.8
NOOS 2 4P4 70EG.080-4M		80	3780	3550	3400	25.7	147.0
NOOS 2 4P4 70EG.090-4M		90	4230	3980	3810	28.7	147.3
NOOS 2 4P4 70EG.100-4M		100	4680	4400	4210	31.8	147.1
NOOS 2 4P4 70EG.120-4M		120	5560	5230	5010	37.7	147.4
NOOS 2 4P4 70EG.140-4M	STU-M	140	6420	6030	5780	44	145.9
NOOS 2 4P4 70EG.160-4M		160	7240	6800	6510	49.5	146.2
NOOS 2 4P4 70EG.180-4M		180	8000	7520	7200	55.9	143.1
NOOS 2 4P4 70EG.180-4M		180	8000	7520	7200	55.9	143.1

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.
Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±10%.
Meets Dark Sky requirements when equipped with LEDs with a colour temperature of 3000K or less.
The characteristics of the product listed above are subjected to change without notice.

LUMINOUS FLUX AND POWER WITH CONSTANT FLUX PROFILE (TWC1)

LUMINAIRE	OPTIC	FLUX LUMINAIRE POWER LED CURRENT* (Tq=25°C, 4000K, 100% of flux)	FLUX LUMINAIRE POWER LED CURRENT* (Tq=25°C, 2700K, 100% of flux)
NOOS 2 4P4 70EG.080-4M	S05	3290lm 23.3W 72mA (90%)	3280lm 25.7W 80mA (100%)
NOOS 2 4P4 70EG.090-4M		3690lm 26W 81mA (90%)	3680lm 28.7W 90mA (100%)
NOOS 2 4P4 70EG.100-4M		4080lm 28.7W 90mA (90%)	4070lm 31.8W 100mA (100%)
NOOS 2 4P4 70EG.120-4M		4870lm 34W 108mA (90%)	4840lm 37.7W 120mA (100%)
NOOS 2 4P4 70EG.140-4M		5590lm 39.2W 125mA (89%)	5590lm 44W 140mA (100%)
NOOS 2 4P4 70EG.160-4M		6330lm 44.1W 143mA (89%)	6300lm 49.5W 160mA (100%)
NOOS 2 4P4 70EG.180-4M	STE-S	6960lm 49.1W 159mA (88%)	6960lm 55.9W 180mA (100%)
NOOS 2 4P4 70EG.080-4M		3330lm 23.3W 72mA (90%)	3320lm 25.7W 80mA (100%)
NOOS 2 4P4 70EG.090-4M		3730lm 26W 81mA (90%)	3720lm 28.7W 90mA (100%)
NOOS 2 4P4 70EG.100-4M		4130lm 28.7W 90mA (90%)	4110lm 31.8W 100mA (100%)
NOOS 2 4P4 70EG.120-4M		4920lm 34W 108mA (90%)	4900lm 37.7W 120mA (100%)
NOOS 2 4P4 70EG.140-4M		5650lm 39.2W 125mA (89%)	5650lm 44W 140mA (100%)
NOOS 2 4P4 70EG.160-4M	STA	6400lm 44.1W 143mA (89%)	6370lm 49.5W 160mA (100%)
NOOS 2 4P4 70EG.180-4M		7080lm 49.5W 160mA (88%)	7040lm 55.9W 180mA (100%)
NOOS 2 4P4 70EG.080-4M		3420lm 23.3W 72mA (90%)	3400lm 25.7W 80mA (100%)
NOOS 2 4P4 70EG.090-4M		3820lm 26W 81mA (90%)	3810lm 28.7W 90mA (100%)
NOOS 2 4P4 70EG.100-4M		4230lm 28.7W 90mA (90%)	4210lm 31.8W 100mA (100%)
NOOS 2 4P4 70EG.120-4M		5040lm 34W 108mA (90%)	5010lm 37.7W 120mA (100%)
NOOS 2 4P4 70EG.140-4M	STU-M	5780lm 39.2W 125mA (89%)	5780lm 44W 140mA (100%)
NOOS 2 4P4 70EG.160-4M		6550lm 44.1W 143mA (89%)	6510lm 49.5W 160mA (100%)
NOOS 2 4P4 70EG.180-4M		7200lm 49.1W 159mA (88%)	7200lm 55.9W 180mA (100%)
NOOS 2 4P4 70EG.180-4M		7200lm 49.1W 159mA (88%)	7200lm 55.9W 180mA (100%)

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.
Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±10%.
Meets Dark Sky requirements when equipped with LEDs with a colour temperature of 3000K or less.
The characteristics of the product listed above are subjected to change without notice.

LUMINOUS FLUX AND POWER WITH ONE STEP REDUCTION PROFILE (TWS1)

LUMINAIRE	OPTIC	FLUX LUMINAIRE POWER LED CURRENT*			FLUX LUMINAIRE POWER LED CURRENT*		
		(Tq=25°C, 4000K, 100% of flux)			(Tq=25°C, 2700K, 75% of flux)		
NOOS 2 4P4 70EG.080-4M	S05	3650lm	25.7W	80mA (100%)	2770lm	21.9W	67mA (83%)
NOOS 2 4P4 70EG.090-4M		4080lm	28.7W	90mA (100%)	3080lm	24.2W	75mA (83%)
NOOS 2 4P4 70EG.100-4M		4520lm	31.8W	100mA (100%)	3400lm	26.6W	83mA (83%)
NOOS 2 4P4 70EG.120-4M		5380lm	37.7W	120mA (100%)	4070lm	31.8W	100mA (83%)
NOOS 2 4P4 70EG.140-4M		6210lm	44W	140mA (100%)	4690lm	36.4W	116mA (82%)
NOOS 2 4P4 70EG.160-4M	STE-S	7000lm	49.5W	160mA (100%)	5260lm	41.1W	131mA (81%)
NOOS 2 4P4 70EG.180-4M		7740lm	55.9W	180mA (100%)	5810lm	45W	146mA (81%)
NOOS 2 4P4 70EG.080-4M		3690lm	25.7W	80mA (100%)	2800lm	21.9W	67mA (83%)
NOOS 2 4P4 70EG.090-4M		4130lm	28.7W	90mA (100%)	3120lm	24.2W	75mA (83%)
NOOS 2 4P4 70EG.100-4M		4570lm	31.8W	100mA (100%)	3440lm	26.6W	83mA (83%)
NOOS 2 4P4 70EG.120-4M	STA	5440lm	37.7W	120mA (100%)	4110lm	31.8W	100mA (83%)
NOOS 2 4P4 70EG.140-4M		6280lm	44W	140mA (100%)	4740lm	36.4W	116mA (82%)
NOOS 2 4P4 70EG.160-4M		7080lm	49.5W	160mA (100%)	5320lm	41.1W	131mA (81%)
NOOS 2 4P4 70EG.180-4M		7820lm	55.9W	180mA (100%)	5870lm	45W	146mA (81%)
NOOS 2 4P4 70EG.080-4M		3780lm	25.7W	80mA (100%)	2870lm	21.9W	67mA (83%)
NOOS 2 4P4 70EG.090-4M	STE-M	4230lm	28.7W	90mA (100%)	3200lm	24.2W	75mA (83%)
NOOS 2 4P4 70EG.100-4M		4680lm	31.8W	100mA (100%)	3520lm	26.6W	83mA (83%)
NOOS 2 4P4 70EG.120-4M		5560lm	37.7W	120mA (100%)	4170lm	31.5W	99mA (82%)
NOOS 2 4P4 70EG.140-4M		6420lm	44W	140mA (100%)	4850lm	36.4W	116mA (82%)
NOOS 2 4P4 70EG.160-4M		7240lm	49.5W	160mA (100%)	5440lm	41.1W	131mA (81%)
NOOS 2 4P4 70EG.180-4M	SV	8000lm	55.9W	180mA (100%)	6000lm	45W	146mA (81%)

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.
Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±10%.
Meets Dark Sky requirements when equipped with LEDs with a colour temperature of 3000K or less.
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LUMINOUS FLUX AND POWER WITH TWO-STEP REDUCTION PROFILE (TWS2)

LUMINAIRE	OPTIC	FLUX LUMINAIRE POWER LED CURRENT*			FLUX LUMINAIRE POWER*			FLUX LUMINAIRE POWER LED CURRENT*		
		(Tq=25°C, 4000K, 100% of flux)			(Tq=25°C, 3000K, 75% of flux)			(Tq=25°C, 2700K, 50% of flux)		
NOOS 2 4P4 70EG.080-4M	S05	3650lm	25.7W	80mA (100%)	2770lm	21W		1830lm	14.9W	43mA (53%)
NOOS 2 4P4 70EG.090-4M		4080lm	28.7W	90mA (100%)	3060lm	23W		2060lm	16.6W	49mA (54%)
NOOS 2 4P4 70EG.100-4M		4520lm	31.8W	100mA (100%)	3390lm	25.4W		2260lm	18.1W	54mA (54%)
NOOS 2 4P4 70EG.120-4M		5380lm	37.7W	120mA (100%)	4040lm	30.3W		2690lm	21.3W	65mA (54%)
NOOS 2 4P4 70EG.140-4M		6210lm	44W	140mA (100%)	4660lm	34.6W		3120lm	24.5W	76mA (54%)
NOOS 2 4P4 70EG.160-4M	STE-S	7000lm	49.5W	160mA (100%)	5250lm	39.2W		3520lm	27.5W	86mA (53%)
NOOS 2 4P4 70EG.180-4M		7740lm	55.9W	180mA (100%)	5840lm	44W		3910lm	30.6W	96mA (53%)
NOOS 2 4P4 70EG.080-4M		3690lm	25.7W	80mA (100%)	2800lm	21W		1850lm	14.9W	43mA (53%)
NOOS 2 4P4 70EG.090-4M		4130lm	28.7W	90mA (100%)	3130lm	23.3W		2090lm	16.6W	49mA (54%)
NOOS 2 4P4 70EG.100-4M		4570lm	31.8W	100mA (100%)	3470lm	25.7W		2320lm	18.4W	55mA (55%)
NOOS 2 4P4 70EG.120-4M	STA	5440lm	37.7W	120mA (100%)	4090lm	30.3W		2720lm	21.3W	65mA (54%)
NOOS 2 4P4 70EG.140-4M		6280lm	44W	140mA (100%)	4710lm	34.6W		3160lm	24.5W	76mA (54%)
NOOS 2 4P4 70EG.160-4M		7080lm	49.5W	160mA (100%)	5310lm	39.2W		3560lm	27.5W	86mA (53%)
NOOS 2 4P4 70EG.180-4M		7820lm	55.9W	180mA (100%)	5900lm	44W		3910lm	30.3W	95mA (52%)
NOOS 2 4P4 70EG.080-4M		3780lm	25.7W	80mA (100%)	2870lm	21W		1890lm	14.9W	43mA (53%)
NOOS 2 4P4 70EG.090-4M	STE-M	4230lm	28.7W	90mA (100%)	3210lm	23.3W		2140lm	16.6W	49mA (54%)
NOOS 2 4P4 70EG.100-4M		4680lm	31.8W	100mA (100%)	3510lm	25.4W		2340lm	18.1W	54mA (54%)
NOOS 2 4P4 70EG.120-4M		5560lm	37.7W	120mA (100%)	4190lm	30.3W		2790lm	21.3W	65mA (54%)
NOOS 2 4P4 70EG.140-4M		6420lm	44W	140mA (100%)	4820lm	34.6W		3240lm	24.5W	76mA (54%)
NOOS 2 4P4 70EG.160-4M		7240lm	49.5W	160mA (100%)	5430lm	39.2W		3650lm	27.5W	86mA (53%)
NOOS 2 4P4 70EG.180-4M	SV	8000lm	55.9W	180mA (100%)	6000lm	43.7W		4010lm	30.3W	95mA (52%)

*LUMINAIRE FLUX / LUMINAIRE POWER: Rated data obtained in laboratory. Tq=25°C, Vin=230Vac.
Values indicated in this technical sheet are to be considered rated values. Flux tolerance: ±7%. Power tolerance: ±10%.
Meets Dark Sky requirements when equipped with LEDs with a colour temperature of 3000K or less.
The characteristics of the product listed above are subjected to change without notice.