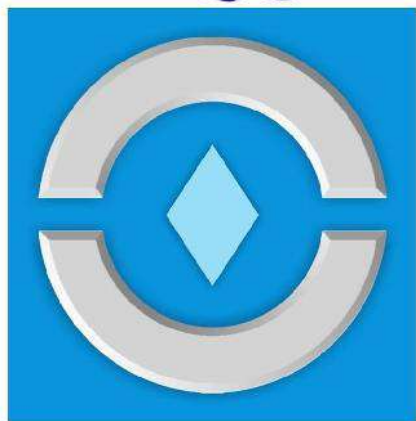


نور عمان



NOOROMAN

xPOWER

Floodlight /Street Light /Urban Light



xPOWER Floodlight /Street Light /Urban Light

xPOWER street light, floodlight and urban light is Noor Oman state of the art design suitable for floodlight, street and urban light applications. High pressure die-cast aluminum body and high ingress protection (IP66) are among the highlights of this luminaire.

Application

Suitable for outdoor, street, urban and floodlight applications where aesthetics, durability, and directed or uniform light distribution are required.

Technical Data

Body:

- Gray or milk white powder coated high pressure die-cast aluminium (XP311...)
- Gray, milk white or black powder coated high pressure die-cast aluminium (XP311S...)

Handle:

- Sturdy swivel base with scale and stainless steel bolts for adjusting the floodlight to the desired angle

Light distribution:

- Clear polycarbonate lens with more than 95% efficiency
- Symmetrical narrow floodlight (XP311N... , XP311SN...)
- Symmetrical wide floodlight (XP311W... , XP311SW...)
- Asymmetrical floodlight (XP311A... , XP311SA...)
- Street light distribution (XP311U...)
- Urban light distribution (XP311SU...)

Diffuser:

- Flat clear tempered glass with 6mm thickness (XP311...) and 5mm thickness (XP311S...)
- Dacromet screw quarter round

Gasket:

- High quality specially designed silicon gasket with durability against heat and pressure

Connections:

- Exterior Dacromet screws with interior galvanized

Electrical components:

- High efficacy LED modules
- Lumen Maintenance (L80) > 100,000hrs
- Single core solid conductor made of copper with PVC insulation
- Cable looping using two special polyamide glands
- Polyamide socket and plug

Ordering Options

- Luminaire body in black (in XP311... versions)
- Nano coated clear glass diffuser (upon request) (in XP311... versions)

Accessories

- 1-Way bracket
- 2-Way bracket (180°)
- 2-Way bracket (90°)
- 3-Way bracket (120°)
- 4-Way bracket (90°)
- Pole top bracket 3 and 4 diameters
- Pole top bracket 4 and 5 diameters
- Pole top bracket 5 and 6 diameters



XP311SN2LED3...-S

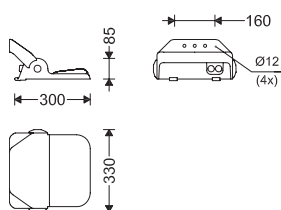


XP311SN3LED4...-S



XP311SN4LED6...-S

Cat. No.	Power Consumption (W)	Luminance Flux (lm)	Efficacy (lm/W)	Color Temperature (K)	W (kg)
XP311SN2LED3730-S	52	7500	144	3000	3.8
XP311SN2LED3740-S	52	7700	148	4000	3.8
XP311SN2LED3750-S	52	7700	148	6500	3.8
XP311SN3LED4730-S	75	11000	147	3000	3.8
XP311SN3LED4740-S	75	11500	153	4000	3.8
XP311SN3LED4750-S	75	11500	153	6500	3.8
XP311SN4LED6730-S	100	14000	140	3000	4.5
XP311SN4LED6740-S	100	15000	150	4000	4.5
XP311SN4LED6750-S	100	15000	150	6500	4.5



Symmetrical narrow light distribution



RAL 7043

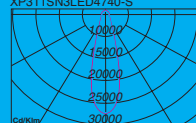
LED

IP 66



LOOPING

XP311SN3LED4740-S





XP311SW2LED3...-S

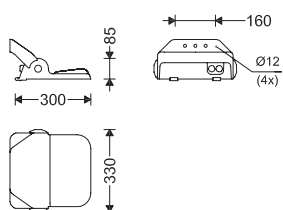


XP311SW3LED4...-S



XP311SW4LED6...-S

Cat. No.	Power Consumption (W)	Luminance Flux (lm)	Efficacy (lm/W)	Color Temperature (K)	W (kg)
XP311SW2LED3730-S	52	7500	144	3000	3.8
XP311SW2LED3740-S	52	7700	148	4000	3.8
XP311SW2LED3750-S	52	7700	148	6500	3.8
XP311SW3LED4730-S	75	11000	147	3000	3.8
XP311SW3LED4740-S	75	11500	153	4000	3.8
XP311SW3LED4750-S	75	11500	153	6500	3.8
XP311SW4LED6730-S	100	14000	140	3000	4.5
XP311SW4LED6740-S	100	15000	150	4000	4.5
XP311SW4LED6750-S	100	15000	150	6500	4.5



W Symmetrical wide light distribution



RAL 7043

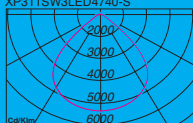
LED

IP 66



LOOPING

XP311SW3LED4740-S





XP311SA2LED3...-S

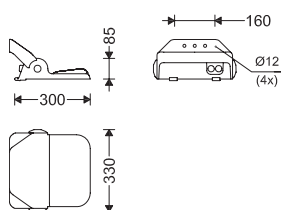


XP311SA3LED4...-S



XP311SA4LED6...-S

Cat. No.	Power Consumption (W)	Luminance Flux (lm)	Efficacy (lm/W)	Color Temperature (K)	W (kg)
XP311SA2LED3730-S	52	6000	115	3000	3.8
XP311SA2LED3740-S	52	6500	125	4000	3.8
XP311SA2LED3750-S	52	6500	125	6500	3.8
XP311SA3LED4730-S	75	9000	120	3000	3.8
XP311SA3LED4740-S	75	9500	127	4000	3.8
XP311SA3LED4750-S	75	9500	127	6500	3.8
XP311SA4LED6730-S	100	12000	120	3000	4.5
XP311SA4LED6740-S	100	12500	125	4000	4.5
XP311SA4LED6750-S	100	12500	125	6500	4.5



A Asymmetrical light distribution



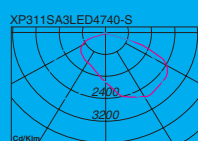
RAL 7043

LED

IP 66



LOOPING





XP311SU2LED3...-S

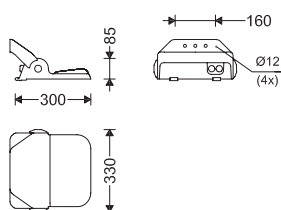


XP311SU3LED4...-S

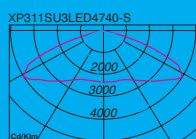


XP311SU4LED6...-S

Cat. No.	Power Consumption (W)	Luminance Flux (lm)	Efficacy (lm/W)	Color Temperature (K)	W (kg)
XP311SU2LED3730-S	52	6500	125	3000	3.8
XP311SU2LED3740-S	52	6700	129	4000	3.8
XP311SU2LED3750-S	52	6700	129	6500	3.8
XP311SU3LED4730-S	75	10000	133	3000	3.8
XP311SU3LED4740-S	75	10500	140	4000	3.8
XP311SU3LED4750-S	75	10500	140	6500	3.8
XP311SU4LED6730-S	100	13000	130	3000	4.5
XP311SU4LED6740-S	100	13500	135	4000	4.5
XP311SU4LED6750-S	100	13500	135	6500	4.5



U Street light distribution



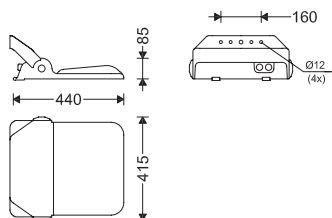


XP311N3LED7...-S



XP311N4LED9...-S

Cat. No.	Power Consumption (W)	Luminance Flux (lm)	Efficacy (lm/W)	Color Temperature (K)	W (kg)
XP311N3LED7730-S	150	23000	153	3000	7.0
XP311N3LED7740-S	150	24000	160	4000	7.0
XP311N3LED7750-S	150	24000	160	6500	7.0
XP311N4LED9730-S	200	30000	150	3000	7.0
XP311N4LED9740-S	200	32000	160	4000	7.0
XP311N4LED9750-S	200	32000	160	6500	7.0



☒ Symmetrical narrow light distribution



RAL 7043

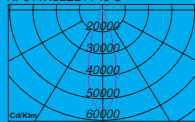
LED

IP 66



LOOPING

XP311N3LED7740-S



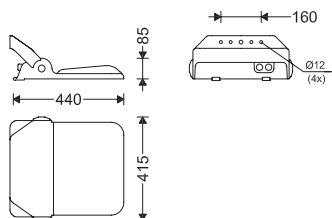


XP311W3LED7...-S



XP311W4LED9...-S

Cat. No.	Power Consumption (W)	Luminance Flux (lm)	Efficacy (lm/W)	Color Temperature (K)	W (kg)
XP311W3LED7730-S	150	23000	153	3000	7.0
XP311W3LED7740-S	150	24000	160	4000	7.0
XP311W3LED7750-S	150	24000	160	6500	7.0
XP311W4LED9730-S	200	30000	150	3000	7.0
XP311W4LED9740-S	200	32000	160	4000	7.0
XP311W4LED9750-S	200	32000	160	6500	7.0



W Symmetrical wide light distribution



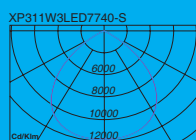
RAL 7043

LED

IP 66



LOOPING



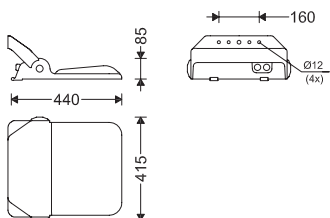


XP311A3LED7...-S



XP311A4LED9...-S

Cat. No.	Power Consumption (W)	Luminance Flux (lm)	Efficacy (lm/W)	Color Temperature (K)	W (kg)
XP311A3LED7730-S	150	20000	133	3000	7.0
XP311A3LED7740-S	150	21000	140	4000	7.0
XP311A3LED7750-S	150	21000	140	6500	7.0
XP311A4LED9730-S	200	27000	135	3000	7.0
XP311A4LED9740-S	200	28000	140	4000	7.0
XP311A4LED9750-S	200	28000	140	6500	7.0



A Asymmetrical light distribution



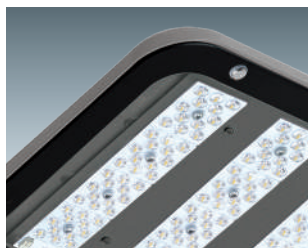
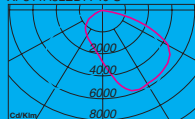
RAL 7043

LED

IP 66

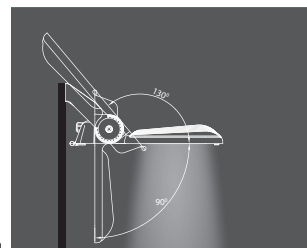
Looping

XP311A3LED7740-S



High efficiency clear polycarbonate lens result in wide or narrow floodlight as well as street light distribution

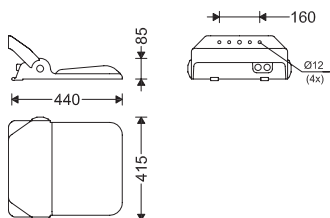
Adjustable lighting direction with multiples of 5° scaled positioning



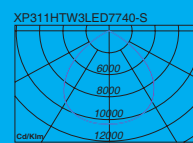
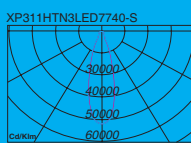
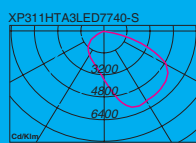


XP311HTA3LED7...-S

Cat. No.	Power Consumption (W)	Luminance Flux (lm)	Efficacy (lm/W)	Color Temperature (K)	W (kg)
XP311HTN3LED7730-S	140	20000	143	3000	7.0
XP311HTN3LED7740-S	140	22000	157	4000	7.0
XP311HTN3LED7750-S	140	22000	157	6500	7.0
XP311HTW3LED7730-S	140	21000	150	3000	7.0
XP311HTW3LED7740-S	140	22000	157	4000	7.0
XP311HTW3LED7750-S	140	22000	157	6500	7.0
XP311HTA3LED7730-S	140	18000	129	3000	7.0
XP311HTA3LED7740-S	140	19500	139	4000	7.0
XP311HTA3LED7750-S	140	19500	139	6500	7.0



- ☐ W Symmetrical wide light distribution
- ☐ N Symmetrical narrow light distribution
- ☐ A Asymmetrical light distribution



* Versions suitable for ambient temperature of up to 60°C

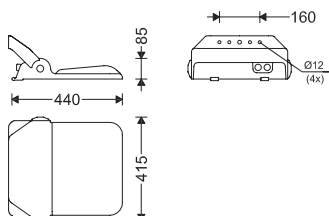


XP311U3LED7...-S



XP311U4LED9...-S

Cat. No.	Power Consumption (W)	Luminance Flux (lm)	Efficacy (lm/W)	Color Temperature (K)	W (kg)
XP311U3LED7730-S	150	21000	140	3000	7.0
XP311U3LED7740-S	150	22000	147	4000	7.0
XP311U3LED7750-S	150	22000	147	6500	7.0
XP311U4LED9730-S	200	28000	140	3000	7.0
XP311U4LED9740-S	200	30000	150	4000	7.0
XP311U4LED9750-S	200	30000	150	6500	7.0



U Street light distribution



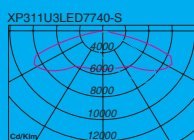
RAL 7043

LED

IP 66



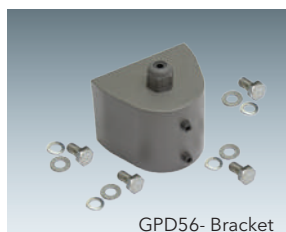
LOOPING



Specially designed heat sink for better heat exchange

Mounting Symbols

	Vertical pole mounting
	Horizontal pole mounting
	Wall mounting with bracket
	Wall mounting
	Ground mounting
	Surface mounting



GPD56- Bracket

Pole mounting aluminium steel brackets for mounting on poles with 5 and 6 diameters



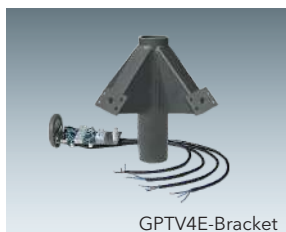
GPD34- Bracket

Pole mounting aluminium brackets for mounting the luminaire on poles with 3 and 4 diameters



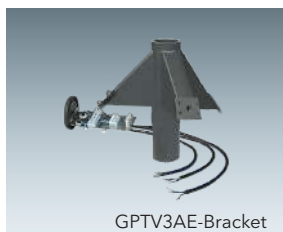
GPD45- Bracket

Pole mounting aluminium bracket with 4 or 5 cm diameter



GPTV4E-Bracket

4-way (90°) mounting bracket
with the connection parts



GPTV3AE-Bracket

3-way (120°) mounting bracket
with the connection parts



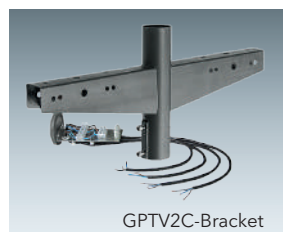
GPTV1E-Bracket

1-way mounting bracket with the
connection parts



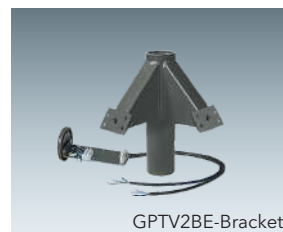
GPTV2AE-Bracket

2-way (180°) mounting bracket
with the connection parts



GPTV2C-Bracket

2-way (180°) mounting bracket
with the connection parts



GPTV2BE-Bracket

2-way (90°) mounting bracket
with the connection parts