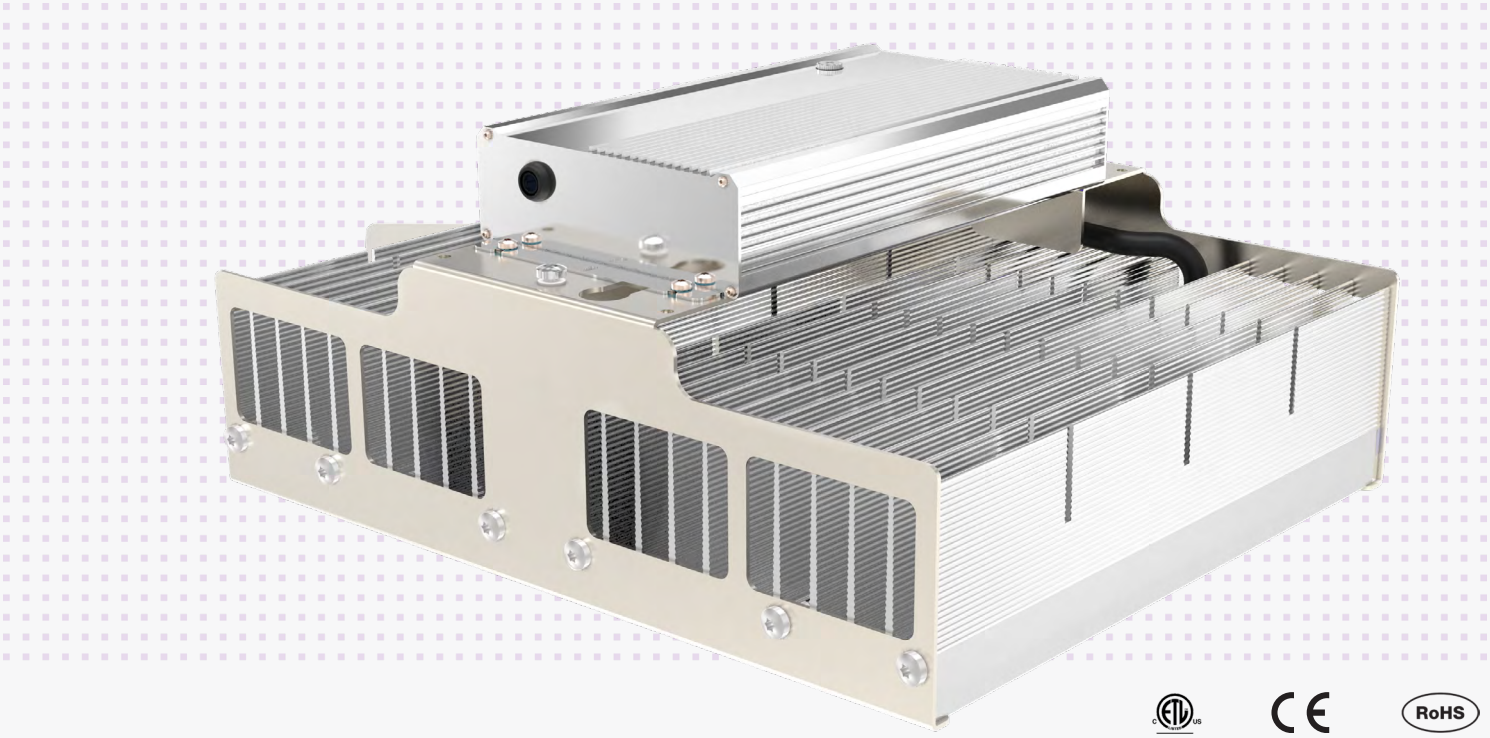
VALOYA



RX500

Powerful Toplighting

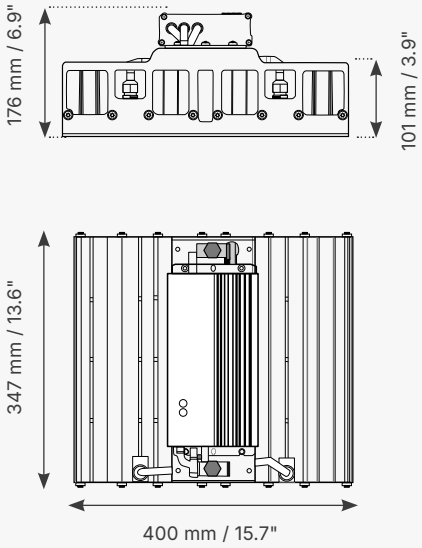
Designed as a replacement for HID lighting, the RX-series is a high power, dimmable LED luminaire with a high IP rating (IP65 - wet location).

The robust all aluminum build, passive cooling and tempered glass cover ensure a long lifetime in the most demanding environments.

- Up to 1060 µmol/s
- IP65 - dust and humidity resistant (wet location rated)
- Dimmable, control system-compatible and easy-to-install

Spectrum	UV %	B %	G %	R %	FR %	PAR %	CCT	CRI	B:G	B:R	R:FR	Rs:FRs
AP67	0	12	16	57	15	85	2500	70	0.8	0.2	3.7	3.3
NS1	1	21	36	38	4	95	4800	90	0.6	0.6	9.1	7.3

Typical values presented in the tables. Rs:FRs (Sellaro et. al. 2010)



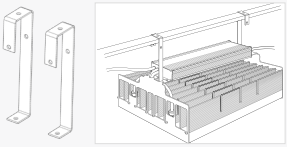
ACCESSORIES

Dimming mating connector with 1.9 m (6') pigtail cable (field installable)

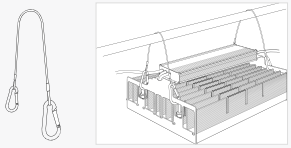
Mains input mating connector with 1.9 m (6') pigtail cable (field installable)

HANGERS

Standard (included)



Optional (by order)



Input voltage nominal (VAC)	200-480
Input current @230V (A)	2,1
Dimming (V)	0-10 (PWM)
IP	65 (wet location)
Frequency (Hz)	50 / 60
Power factor	> 0,95

Box weight (kg/lb)	12,8 / 28.2
Box length (mm/in)	465 / 18.1
Box width (mm/in)	370 / 14.6
Box height (mm/in)	200 / 7.9
Pieces per package	1
AC mains plug fitted	No (Field installable connector)

Spectrum	AP67	NS1
Efficacy (µmol/J)	2,3	2,1
Light output (µmol/s)	1100	1050
Power (W)	480	490
Light intensity decay (hrs)	Q90 36 000	

Recommended distance from plants (m/in-ft)	0,5 - 4 / 20 - 13.1
Cooling	Passive
Ambient operating temp. (°C/°F)	-10...+40 / 14...+104
Minimum cable bending radius	5x cable diameter
Certification and approvals	CE, RoHS, UL/CSA standards, EMC, Low Voltage Directive, Eco-design (EuP)

Min. distance to combustible surfaces (m/in)	0,1 / 3.9
Storage temperature (°C/°F)	-10...+40 / 14...+104
Maximum relative humidity (%)	90 (non-condensing)
Photobiology safety classif.	Risk Group 1
Warranty	Up to 5 years limited. More at valoya.com/warranty

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