

AQUALITE - POOLS AND NATATORIUMS SPEC SHEET



FL-AQ-UNV



The Aqualite is a modular LED flood light specifically designed for the caustic environment of Natatoriums, but versatile enough to be used in any flood light application. Multiple optical lens choices, and rotatable modules allow a wide variety of light spread for various use both indoor and out.

FEATURES

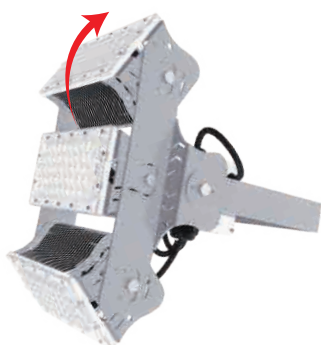
Salt spray anti corrosion tested to IEC60068-2-11, ISO4628-3, ASTM B117 standards for Natatorium applications. Anti-corrosive finish is standard. Available in 60W modules, each independently rotatable, featuring an aluminum cooling fin for superior heat dissipation. IK09 Rating.

OPERATING TEMPERATURE	-40°C to 60°C / -40°F to 140°F
LAMP LIFE	L70 > 75,000 hrs
CONTROL	0-10V Dimming
COLORS	2700K, 3000K, 4000K, 5000K, 6500K
WARRANTY	DLC, cETL listed, and CE with 6 year warranty

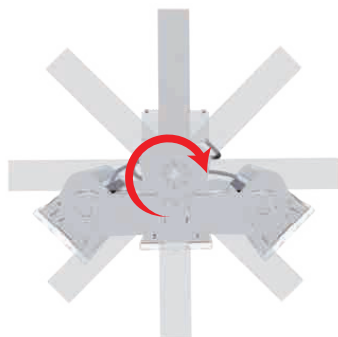
ELECTRICAL DATA

AVAILABLE WATTAGES	50W / 100W / 150W / 200W / 300W / 400W / 600W
EFFICACY	60D, 90D, 120D: 170 LM / W 30D: 160 LM / W 10D: 120 LM / W
AVAILABLE VOLTAGES	120-277 VAC (UNV) / 277-480V (HV) (Remote drivers only)
RATED POWER	>0.95
CRI	>70Ra

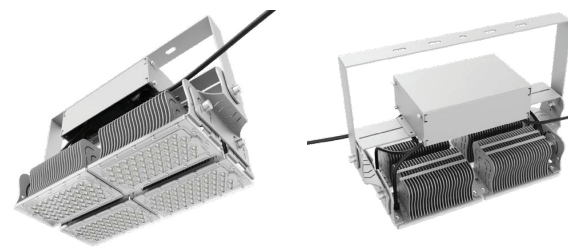
ROTATABLE DETAILS



Module rotatable 90°

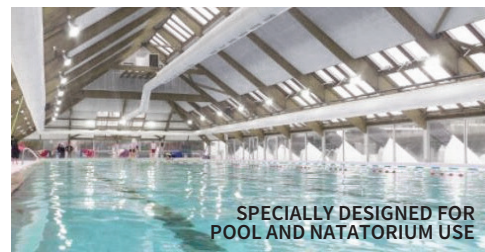


Arc bracket rotatable 360°



V	120-277 VAC (UNV) / 277-480V (HV) (Remote drivers)
	Operating Voltage
W	50W / 100W / 150W / 200W / 300W / 400W / 600W
	Rated Power

Application



SPECIALLY DESIGNED FOR
POOL AND NATATORIUM USE

BUG TABLE

WATTAGE	OPTIC	BUG RATING
50W	10	B3-U3-G3
50W	30	B4-U3-G1
50W	60	B3-U3-G1
50W	90	B3-U2-G1
50W	120	B3-U2-G1
100W	10	B4-U3-G3
100W	30	B5-U3-G2
100W	60	B4-U3-G1
100W	90	B4-U3-G1
100W	120	B3-U3-G1
150W	10	B4-U3-G4
150W	30	B5-U3-G3
150W	60	B5-U3-G2
150W	90	B5-U3-G1
150W	120	B4-U3-G2
200W	10	B5-U4-G5
200W	30	B5-U3-G3
200W	60	B5-U3-G2
200W	90	B5-U3-G1
200W	120	B5-U3-G2

WATTAGE	OPTIC	BUG RATING
300W	10	B5-U4-G5
300W	30	B5-U3-G4
300W	60	B5-U3-G3
300W	90	B5-U3-G2
300W	120	B5-U3-G3
400W	10	B5-U5-G5
400W	30	B5-U3-G4
400W	60	B5-U4-G3
400W	90	B5-U3-G2
400W	120	B5-U3-G3
600W	10	B5-U5-G5
600W	30	B5-U4-G5
600W	60	B5-U4-G3
600W	90	B5-U3-G3
600W	120	B5-U4-G4

AQUALITE - POOLS AND NATATORIUMS SPEC SHEET

FL-AQ-UNV-50W

PRODUCT INFORMATION (50W)

INSTALLATION	Surface
MATERIAL	Steel
FINISH	Grey
SYSTEM POWER (W)	50W
FIXTURE LUMEN OUTPUT (lm)	8500
SYSTEM EFFICIENCY (lm/W)	170
LED DRIVER	Meanwell XLG
LED ENGINE	Philip Lumileds 5050, CREE 3535 for 10D ONLY

PACKAGING

	UNV	HV
NEW WEIGHT LAMP (kg/lb)	2.4 / 5.29	3.90 / 8.58
GROSS WEIGHT CARTON (kg/lb)	16.3 / 35.94	16.80 / 36.96
MASTER CARTON DIMENSIONS (mm/in)	710 x 350 x 340 / 27.95 x 13.78 x 13.39	770 x 370 x 370 / 30.31 x 14.57 x 14.57
QUANTITY PER CARTON	5	4

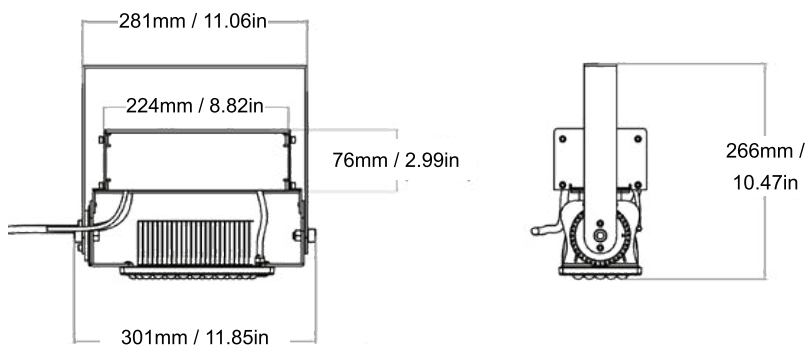


ORDERING LOGIC

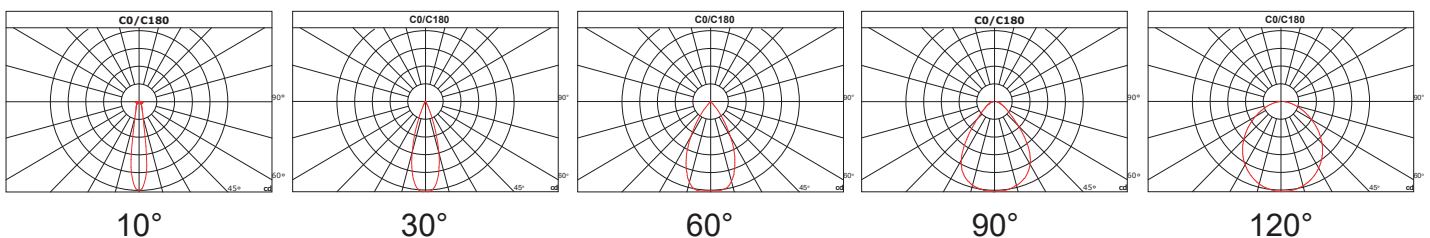
PRODUCT SERIES	TYPE	VOLTAGE	POWER	COLOR TEMPERATURE	DIMMING	BEAM ANGLES	FINISH	MOUNTING	ACCESSORIES
FL	AQ - Aqualite	UNV - 120-277V HV - 277-480V (remote driver)	50W - 50 WATTS	(CT 27) 2700K (CT 30) 3000K (CT 40) 4000K (CT 50) 5000K (CT 65) 6500K	DIM - 0-10V	10D - 10° 30D - 30° 60D - 60° 90D - 90° 120D - 120°	GR - GREY	YK - Yoke Mount (Standard) PM - Pendant Mount CAB - Cross Arm Bracket SFM - Slip Fitter Mount	NA - No Accessories SC - Safety Cable (1m / 39.37')

Sample: FL-AQ-UNV-50W-CT27-DIM-10D-GR-YK-NA

DIMENSIONS



DIAGRAM



AQUALITE - POOLS AND NATATORIUMS SPEC SHEET

FL-AQ-UNV-100W

PRODUCT INFORMATION (100W)

INSTALLATION	Surface
MATERIAL	Steel
FINISH	Grey
SYSTEM POWER (W)	100W
FIXTURE LUMEN OUTPUT (lm)	17000
SYSTEM EFFICIENCY (lm/W)	170
LED DRIVER	Meanwell XLG
LED ENGINE	Philip Lumileds 5050, CREE 3535 for 10D ONLY

PACKAGING

	UNV	HV
NEW WEIGHT LAMP (kg/lb)	2.4 / 5.29	4.20 / 9.24
GROSS WEIGHT CARTON (kg/lb)	16.3 / 35.94	18.50 / 40.70
MASTER CARTON DIMENSIONS (mm/in)	710 x 350 x 340 / 27.95 x 13.78 x 13.39	770 x 370 x 370 / 30.31 x 14.57 x 14.57
QUANTITY PER CARTON	4	4

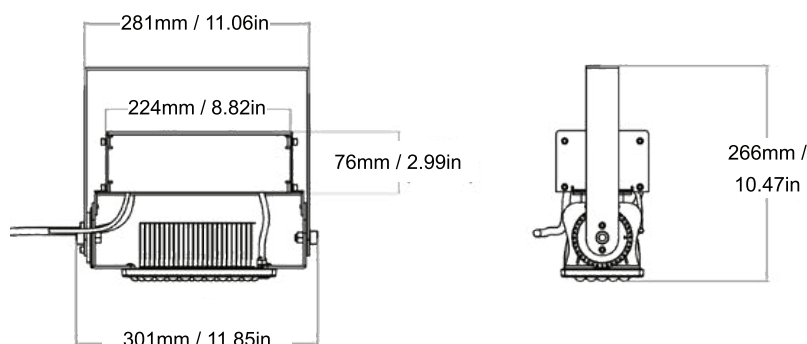


ORDERING LOGIC

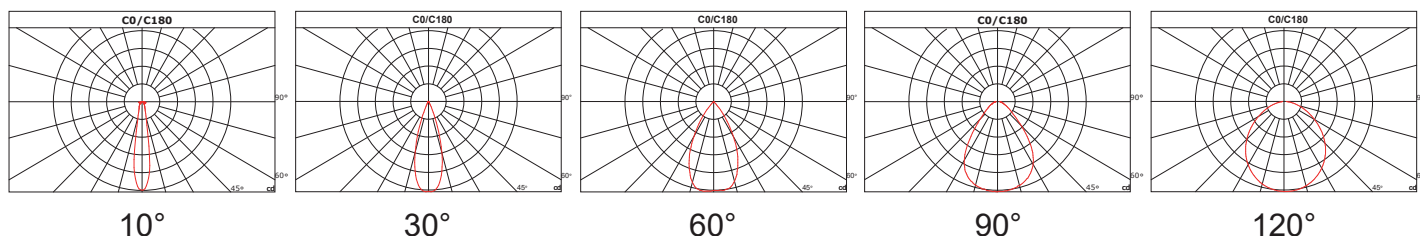
PRODUCT SERIES	TYPE	VOLTAGE	POWER	COLOR TEMPERATURE	DIMMING	BEAM ANGLES	FINISH	MOUNTING	ACCESSORIES
FL	AQ - Aqualite	UNV - 120-277V HV - 277-480V (remote driver)	100W - 100 WATTS	(CT 27) 2700K (CT 30) 3000K (CT 40) 4000K (CT 50) 5000K (CT 65) 6500K	DIM - 0-10V	10D - 10° 30D - 30° 60D - 60° 90D - 90° 120D - 120°	GR - GREY	YK - Yoke Mount (Standard) PM - Pendant Mount CAB - Cross Arm Bracket SFM - Slip Fitter Mount	NA - No Accessories SC - Safety Cable (1m / 39.37')

Sample: FL-AQ-UNV-100W-CT27-DIM-10D-GR-YK-NA

DIMENSIONS



DIAGRAM



AQUALITE - POOLS AND NATATORIUMS SPEC SHEET

FL-AQ-UNV-150W

PRODUCT INFORMATION (150W)

INSTALLATION	Surface
MATERIAL	Steel
FINISH	Grey
SYSTEM POWER (W)	150W
FIXTURE LUMEN OUTPUT (lm)	25500
SYSTEM EFFICIENCY (lm/W)	170
LED DRIVER	Meanwell XLG
LED ENGINE	Philip Lumileds 5050, CREE 3535 for 10D ONLY

PACKAGING

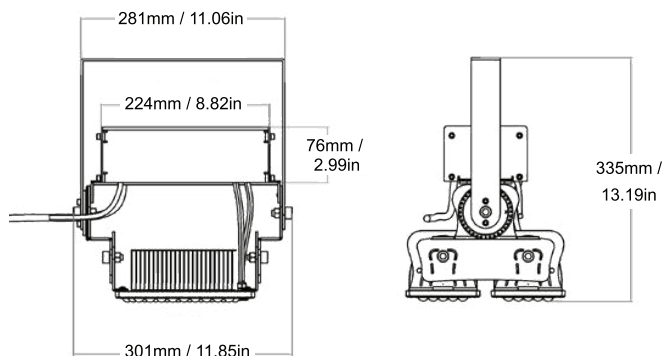
	UNV	HV
NEW WEIGHT LAMP (kg/lb)	4.7 / 10.36	5.20 / 11.44
GROSS WEIGHT CARTON (kg/lb)	19.1 / 42.1	19.60 / 43.12
MASTER CARTON DIMENSIONS (mm/in)	530 x 340 x 730 / 20.87 x 13.39 x 28.74	530 x 730 x 350 / 13.46 x 29.53 x 13.78
QUANTITY PER CARTON	4	4

ORDERING LOGIC

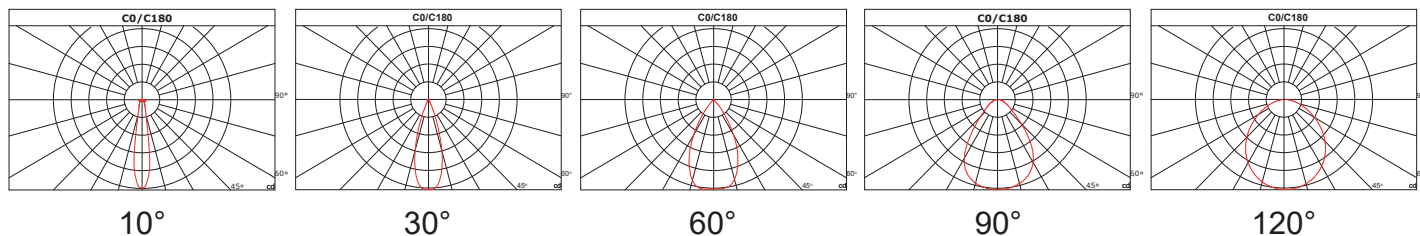
PRODUCT SERIES	TYPE	VOLTAGE	POWER	COLOR TEMPERATURE	DIMMING	BEAM ANGLES	FINISH	MOUNTING	ACCESSORIES
FL	AQ - Aqualite	UNV - 120-277V HV - 277-480V (remote driver)	150W - 150 WATTS	(CT 27) 2700K (CT 30) 3000K (CT 40) 4000K (CT 50) 5000K (CT 65) 6500K	DIM - 0-10V	10D - 10° 30D - 30° 60D - 60° 90D - 90° 120D - 120°	GR - GREY	YK - Yoke Mount (Standard) PM - Pendant Mount CAB - Cross Arm Bracket SFM - Slip Fitter Mount	NA - No Accessories SC - Safety Cable (1m / 39.37")

Sample: FL-AQ-UNV-150W-CT27-DIM-10D-GR-YK-NA

DIMENSIONS



DIAGRAM



AQUALITE - POOLS AND NATATORIUMS SPEC SHEET



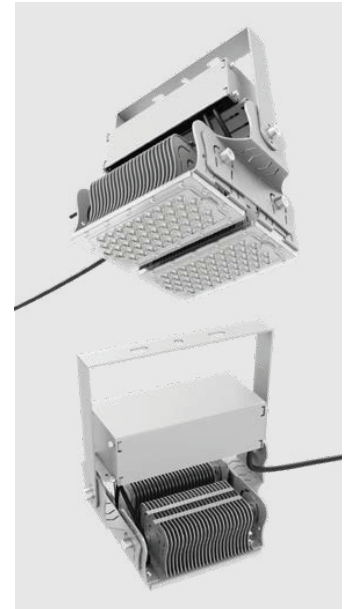
FL-AQ-UNV-200W

PRODUCT INFORMATION (200W)

INSTALLATION	Surface
MATERIAL	Steel
FINISH	Grey
SYSTEM POWER (W)	200W
FIXTURE LUMEN OUTPUT (lm)	34000
SYSTEM EFFICIENCY (lm/W)	170
LED DRIVER	Meanwell XLG
LED ENGINE	Philip Lumileds 5050, CREE 3535 for 10D ONLY

PACKAGING

	UNV	HV
NEW WEIGHT LAMP (kg/lb)	4.7 / 10.36	6.10 / 13.42
GROSS WEIGHT CARTON (kg/lb)	19.1 / 42.1	23.00 / 50.60
MASTER CARTON DIMENSIONS (mm/in)	530 x 340 x 730 / 20.87 x 13.39 x 28.74	530 x 730 x 350 / 13.46 x 29.53 x 13.78
QUANTITY PER CARTON	4	4

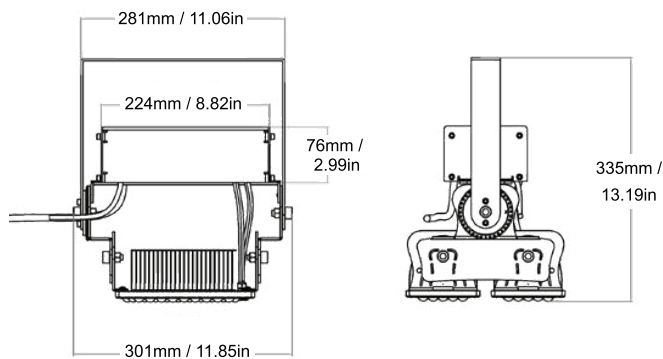


ORDERING LOGIC

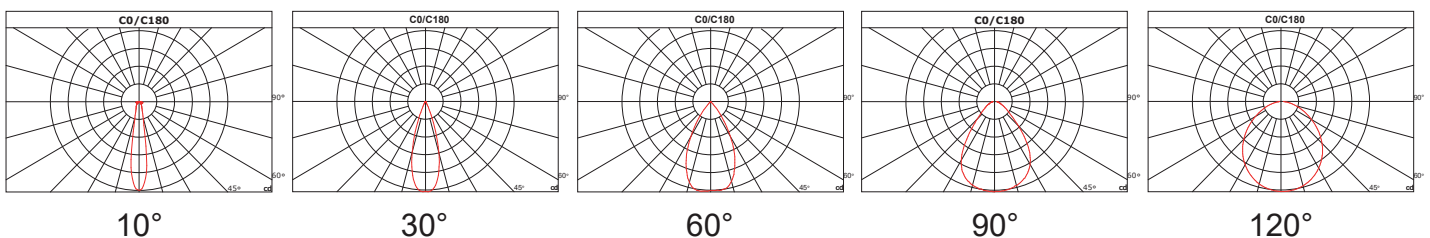
PRODUCT SERIES	TYPE	VOLTAGE	POWER	COLOR TEMPERATURE	DIMMING	BEAM ANGLES	FINISH	MOUNTING	ACCESSORIES
FL	AQ - Aqualite	UNV - 120-277V HV - 277-480V (remote driver)	200W - 200 WATTS	(CT 27) 2700K (CT 30) 3000K (CT 40) 4000K (CT 50) 5000K (CT 65) 6500K	DIM - 0-10V	10D - 10° 30D - 30° 60D - 60° 90D - 90° 120D - 120°	GR - GREY	YK - Yoke Mount (Standard) PM - Pendant Mount CAB - Cross Arm Bracket SFM - Slip Fitter Mount	NA - No Accessories SC - Safety Cable (1m / 39.37")

Sample: FL-AQ-UNV-200W-CT27-DIM-10D-GR-YK-NA

DIMENSIONS



DIAGRAM



AQUALITE - POOLS AND NATATORIUMS SPEC SHEET

FL-AQ-UNV-300W

PRODUCT INFORMATION (300W)

INSTALLATION	Surface
MATERIAL	Steel
FINISH	Grey
SYSTEM POWER (W)	300W
FIXTURE LUMEN OUTPUT (lm)	51000
SYSTEM EFFICIENCY (lm/W)	170
LED DRIVER	Meanwell XLG
LED ENGINE	Philip Lumileds 5050, CREE 3535 for 10D ONLY

PACKAGING

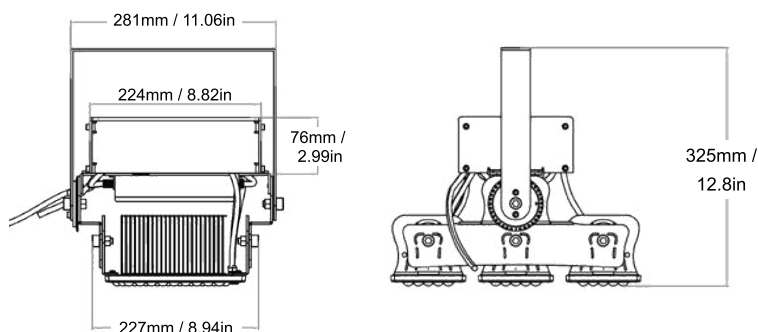
	UNV	HV
NEW WEIGHT LAMP (kg/lb)	5.7 / 12.57	6.10 / 13.42
GROSS WEIGHT CARTON (kg/lb)	23.4 / 51.59	23.00 / 50.60
MASTER CARTON DIMENSIONS (mm/in)	690 x 440 x 520 / 27.17 x 17.32 x 20.47	530 x 730 x 350 / 13.46 x 29.53 x 13.78
QUANTITY PER CARTON	2	2

ORDERING LOGIC

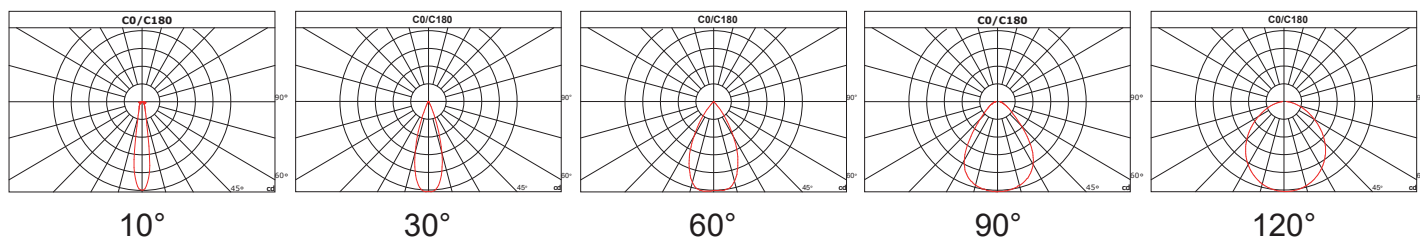
PRODUCT SERIES	TYPE	VOLTAGE	POWER	COLOR TEMPERATURE	DIMMING	BEAM ANGLES	FINISH	MOUNTING	ACCESSORIES
FL	AQ - Aqualite	UNV - 120-277V HV - 277-480V (remote driver)	300W - 300 WATTS	(CT 27) 2700K (CT 30) 3000K (CT 40) 4000K (CT 50) 5000K (CT 65) 6500K	DIM - 0-10V	10D - 10° 30D - 30° 60D - 60° 90D - 90° 120D - 120°	GR - GREY	YK - Yoke Mount (Standard) PM - Pendant Mount CAB - Cross Arm Bracket SFM - Slip Fitter Mount	NA - No Accessories SC - Safety Cable (1m / 39.37")

Sample: FL-AQ-UNV-300W-CT27-DIM-10D-GR-YK-NA

DIMENSIONS



DIAGRAM



AQUALITE - POOLS AND NATATORIUMS SPEC SHEET

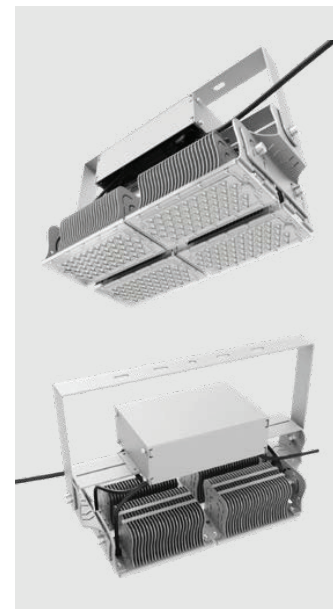
FL-AQ-UNV-400W

PRODUCT INFORMATION (400W)

INSTALLATION	Surface
MATERIAL	Steel
FINISH	Grey
SYSTEM POWER (W)	400W
FIXTURE LUMEN OUTPUT (lm)	68000
SYSTEM EFFICIENCY (lm/W)	170
LED DRIVER	Meanwell XLG
LED ENGINE	Philip Lumileds 5050, CREE 3535 for 10D ONLY

PACKAGING

	UNV	HV
NEW WEIGHT LAMP (kg/lb)	6.6 / 14.55	9.30 / 20.42
GROSS WEIGHT CARTON (kg/lb)	15.5 / 34.17	19.20 / 42.24
MASTER CARTON DIMENSIONS (mm/in)	550 x 530 x 380 / 21.65 x 20.87 x 14.96	550 x 530 x 400 / 21.65 x 20.87 x 15.75
QUANTITY PER CARTON	2	2

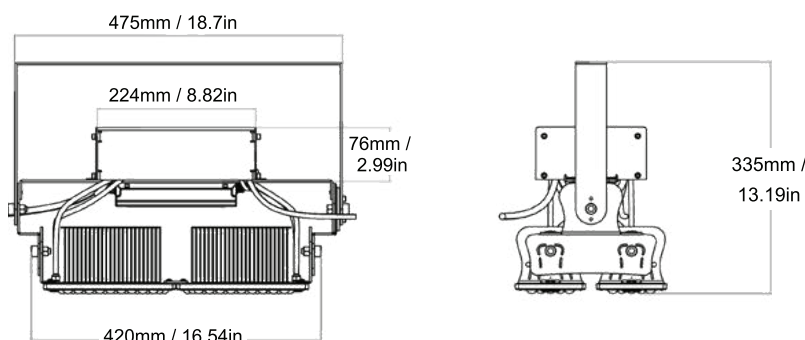


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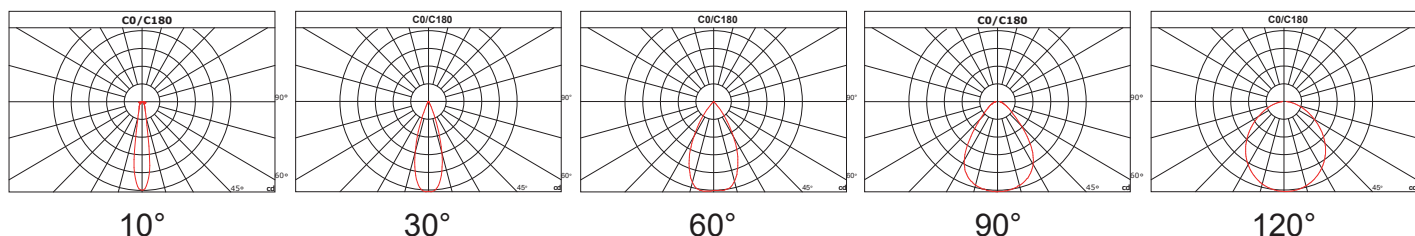
PRODUCT SERIES	TYPE	VOLTAGE	POWER	COLOR TEMPERATURE	DIMMING	BEAM ANGLES	FINISH	MOUNTING	ACCESSORIES
FL	AQ - Aqualite	UNV - 120-277V HV - 277-480V (remote driver)	400W - 400 WATTS	(CT 27) 2700K (CT 30) 3000K (CT 40) 4000K (CT 50) 5000K (CT 65) 6500K	DIM - 0-10V	10D - 10° 30D - 30° 60D - 60° 90D - 90° 120D - 120°	GR - GREY	YK - Yoke Mount (Standard) PM - Pendant Mount CAB - Cross Arm Bracket SFM - Slip Fitter Mount	NA - No Accessories SC - Safety Cable (1m / 39.37')

Sample: FL-AQ-UNV-400W-CT27-DIM-10D-GR-YK-NA

DIMENSIONS



DIAGRAM



AQUALITE - POOLS AND NATATORIUMS SPEC SHEET



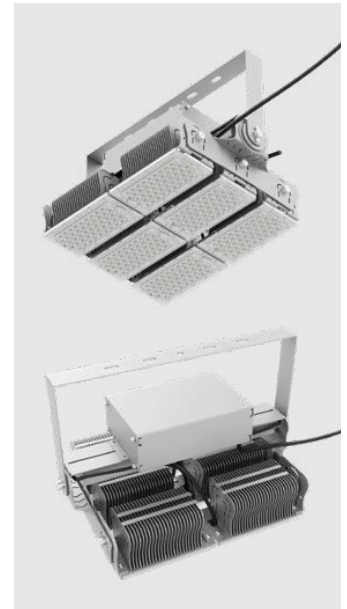
FL-AQ-UNV-600W

PRODUCT INFORMATION (400W)

INSTALLATION	Surface
MATERIAL	Steel
FINISH	Grey
SYSTEM POWER (W)	600W
FIXTURE LUMEN OUTPUT (lm)	102000
SYSTEM EFFICIENCY (lm/W)	170
LED DRIVER	Meanwell XLG
LED ENGINE	Philip Lumileds 5050, CREE 3535 for 10D ONLY

PACKAGING

	UNV	HV
NEW WEIGHT LAMP (kg/lb)	9.9 / 21.83	12.80 / 26.16
GROSS WEIGHT CARTON (kg/lb)	22.5 / 49.6	25.70 / 56.54
MASTER CARTON DIMENSIONS (mm/in)	550 x 440 x 590 / 21.65 x 17.32 x 32.22	570 x 450 x 650 / 21.65 x 20.87 x 15.75
QUANTITY PER CARTON	2	2

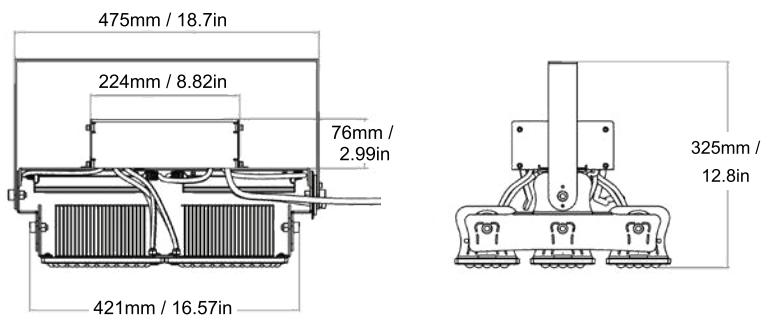


ORDERING LOGIC

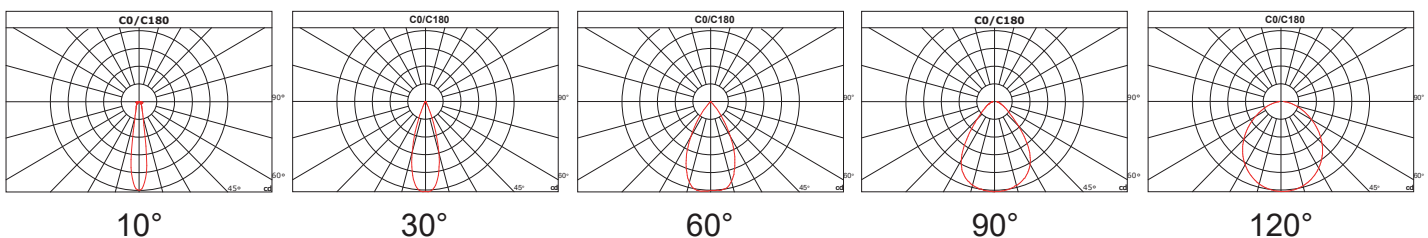
PRODUCT SERIES	TYPE	VOLTAGE	POWER	COLOR TEMPERATURE	DIMMING	BEAM ANGLES	FINISH	MOUNTING	ACCESSORIES
FL	AQ - Aqualite	UNV - 120-277V HV - 277-480V (remote driver)	600W - 600 WATTS	(CT 27) 2700K (CT 30) 3000K (CT 40) 4000K (CT 50) 5000K (CT 65) 6500K	DIM - 0-10V	10D - 10° 30D - 30° 60D - 60° 90D - 90° 120D - 120°	GR - GREY	YK - Yoke Mount (Standard) PM - Pendant Mount CAB - Cross Arm Bracket SFM - Slip Fitter Mount	NA - No Accessories SC - Safety Cable (1m / 39.37')

Sample: FL-AQ-UNV-600W-CT27-DIM-10D-GR-YK-NA

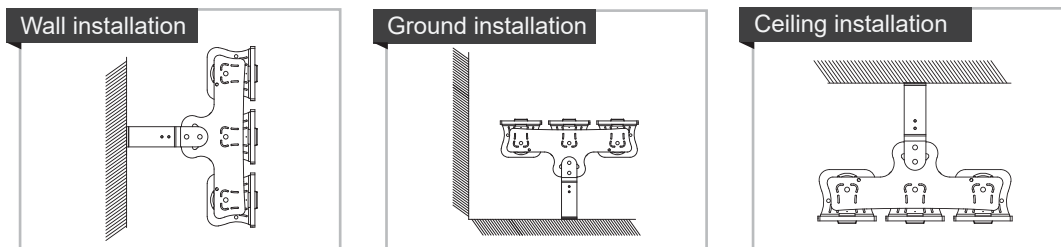
DIMENSIONS



DIAGRAM



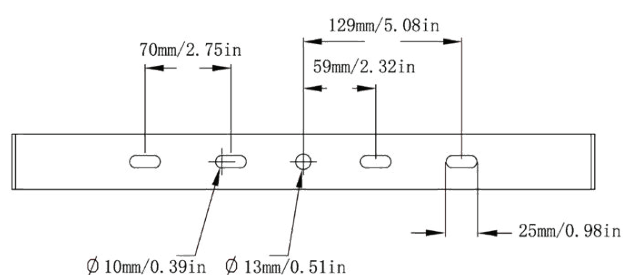
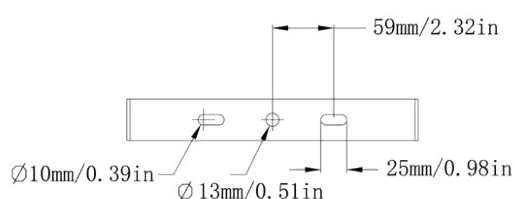
YOKE MOUNTING OPTIONS



YOKE DIMENSIONS

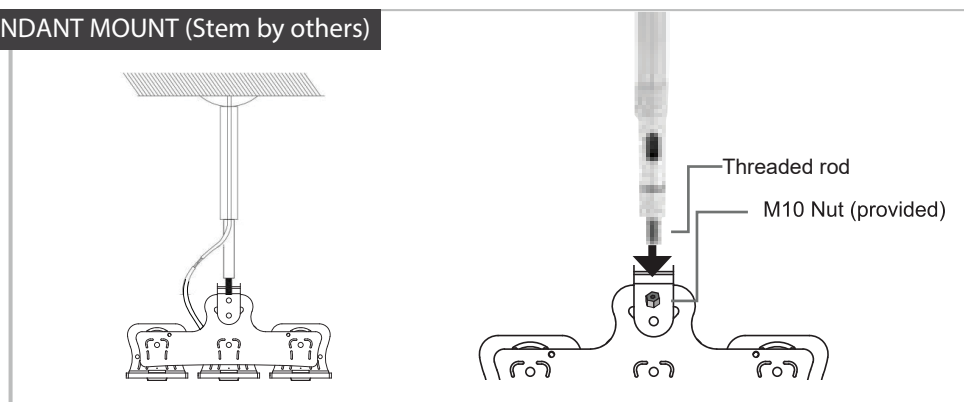
60W / 100W / 150W / 200W / 300W

400W / 600W

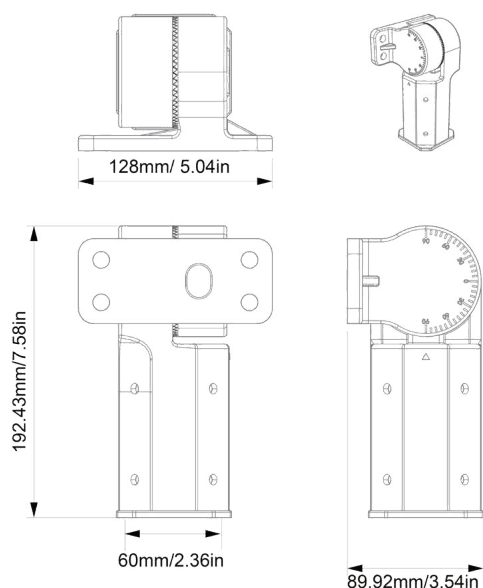


PENDANT MOUNT

PENDANT MOUNT (Stem by others)



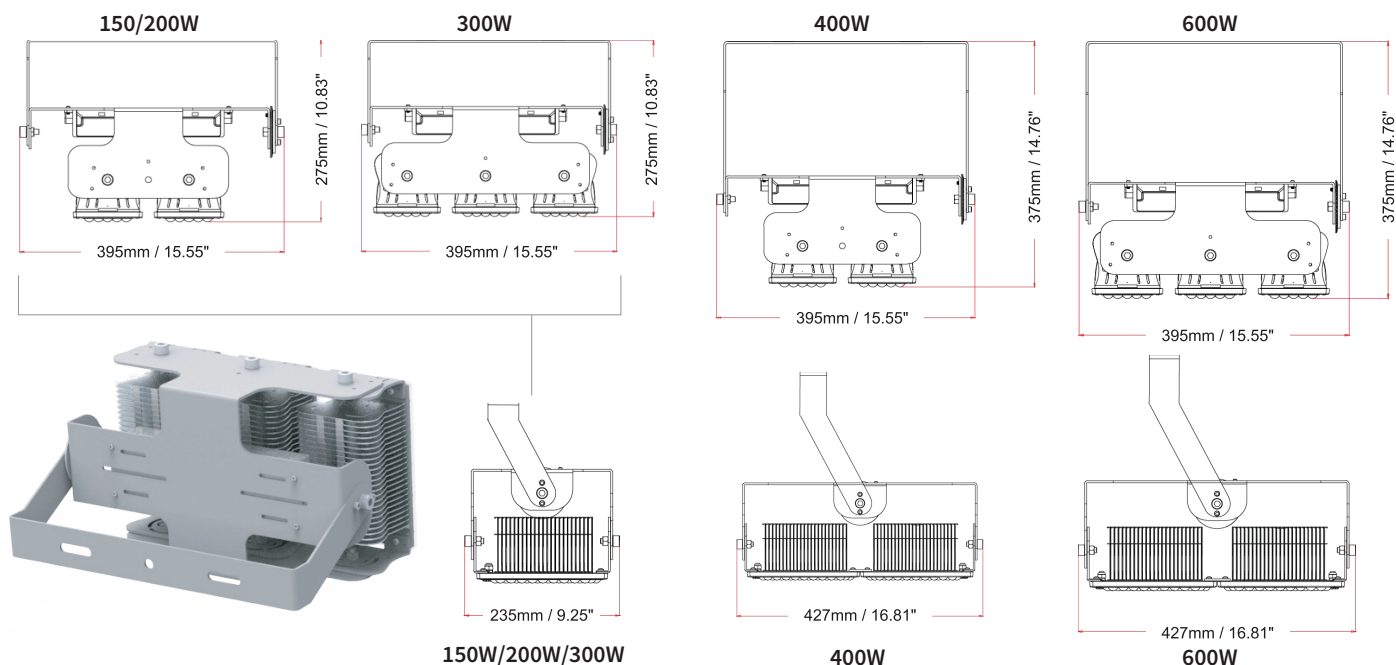
SLIP FITTER MOUNT



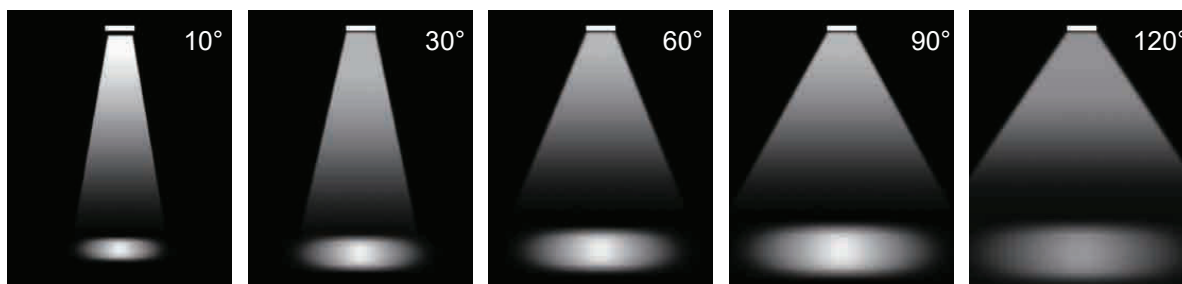
AQUALITE - POOLS AND NATATORIUMS SPEC SHEET

FL-AQ-UNV

CROSS ARM BRACKET MOUNT



BEAM ANGLES



ACCESSORIES

Safety Chain 1m / 39.37"



HEATSINK

Ultra Lightweight, Highly Efficient Heat Distribution
Multi Air Flow + Aluminum Cooling Fan

