

ATOM

- CEILING RECESSED
- INGROUND
- UNDERWATER



ATOM is a versatile, ground-recessed indicator and floodlight, meticulously designed for both above-water and underwater applications. Crafted with a CNC-lathed stainless steel body, it delivers a blend of sophisticated aesthetics and exceptional durability, making it a perfect choice for harsh environments.

Built to the highest standards, **ATOM** features advanced LED technology, with chips and lenses sourced from world-renowned manufacturers, ensuring precise light distribution and long-lasting performance. Its compact design makes it an ideal solution for subtle illumination in underwater installations, architectural accents, or pathway lighting.

The GFR polymer recess kit enhances the luminaire's resilience, enabling secure installation even in extreme conditions. For added convenience, **ATOM** is supplied with a factory-fitted, pre-wired cable, ensuring a quick and hassle-free setup.

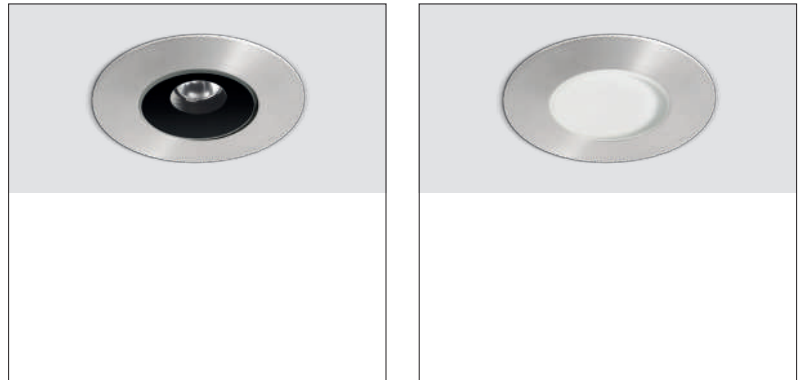
To ensure longevity and reliability, the integrated anti-humidity kit effectively eliminates condensation within the housing, protecting internal components and extending the luminaire's operational lifespan. For underwater installations or high-moisture environments, an optional

IP68 connector is recommended, providing a watertight seal and trouble-free operation. With its combination of precision engineering, high-performance components, and versatile applications, **ATOM** is the ideal choice for environments requiring durable and stylish lighting solutions, both above and below water.



www.unilamp.co.th/en/p/atom





Specification

- Designed, manufactured and tested according to IEC 60598
- Marine grade 316 stainless steel body and screws.
- GFR polymer recess housing.
- Safety glass cover.
- Post-cured silicone gasket.
- High quality LED module.
- Remote driver – constant current / constant voltage.
- Pre-wired cable from the factory.
- Installation must be carried out according to the enclosed product manual.
- For ground recess application, the water drainage system must be tested to ensure that it is working sufficiency and efficiency.

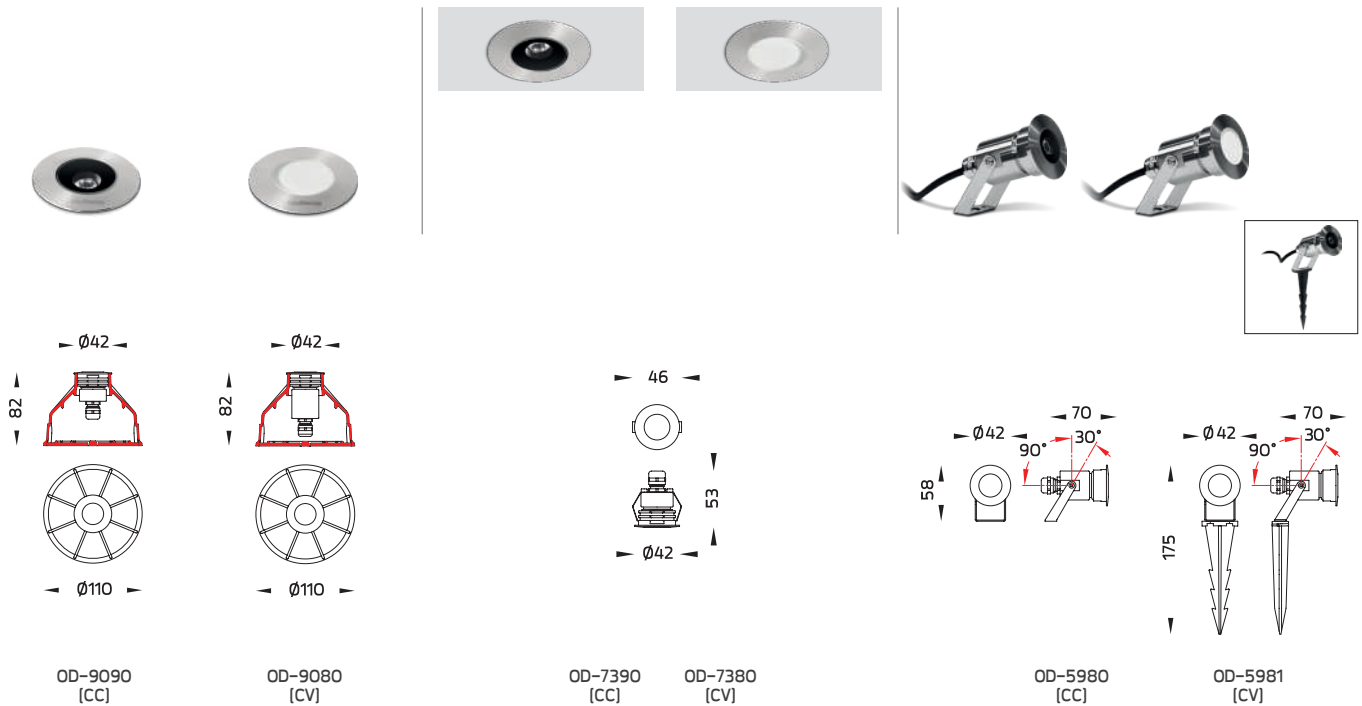


The Tara Chaengwattana, Bangkok – THAILAND

ATOM



ATOM - CC / CV



ATOM

Application Type : Inground
Subgroup : Up light

ATOM - CC / 9090

ATOM - CV / 9080

Luminaire Performance

8 - 140 lm
2 - 2.3 W
3 - 70 lm/W

Beam Options



Color Temperature

2700K/ 3000K/ 4000K/ Blue

Controller

Remote

Input Options

700mA, 2.98Vdc, Uin max 50Vdc
12Vdc/24Vdc

ATOM

Application Type : Ceiling recessed
Subgroup : General ceiling light /
Directed ceiling light

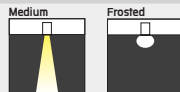
ATOM - CC / 7390

ATOM - CV / 7380

Luminaire Performance

59 - 140 lm
2 - 2.1 W
28 - 70 lm/W

Beam Options



Color Temperature

2700K/ 3000K/ 4000K

Controller

Remote

Input Options

700mA, 2.98Vdc, Uin max 50Vdc
12Vdc/24Vdc

ATOM

Application Type : Underwater
Subgroup : Projector

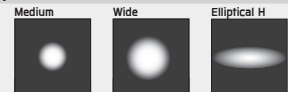
ATOM - CC / 5980

ATOM - CV / 5981

Luminaire Performance

59 - 140 lm
2 - 2.1 W
28 - 70 lm/W

Beam Options



Color Temperature

2700K/ 3000K/ 4000K

Controller

Remote

Input Options

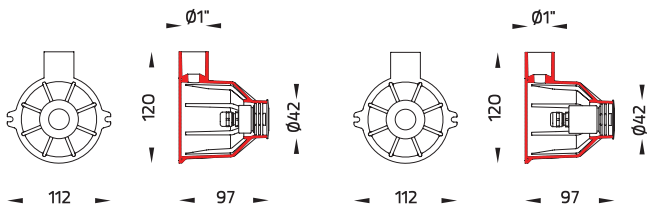
700mA, 2.98Vdc, Uin max 50Vdc
12Vdc/24Vdc

Accessories





ATOM – CC / CV



OD-7481
[CC]

OD-7480
[CV]








ATOM

Application Type : Underwater
Subgroup : Wall recessed



ATOM – CC / 7481	
ATOM – CV / 7480	
Luminaire Performance	
	59 – 190 lm
	2 – 3.3 W
	28 – 70 lm/W
Beam Options	
Medium	Wide
Elliptical H	
Color Temperature	
2700K/ 3000K/ 4000K	
Controller	
Remote	
Input Options	
700mA, 2.84Vdc, Uin max 50Vdc	
700mA, 2.98Vdc, Uin max 50Vdc	
12Vdc/24Vdc	

Accessories			
	Softening filter		Distribution box
	CC Driver		CV Driver
	IP68 Connector		

ATOM

	Product Code	Luminaire Wattage	Beam	CCT	Luminaire Lumen	Efficacy	Controller	Ordering Code
							REMOTE	
ATOM - CC		2 W	15°	3000 K	140 lm	70 lm/W	.	5980-A-2-469-91
				2700 K	59 lm	28 lm/W	.	5980-O-2-525-91
				4000 K	59 lm	28 lm/W	.	5980-O-2-899-91
		2.1 W	N/A	3000 K	59 lm	28 lm/W	.	5980-O-2-989-91
				2700 K	120 lm	57 lm/W	.	5980-B-2-525-91
				4000 K	120 lm	57 lm/W	.	5980-B-2-899-91
			28°	3000 K	120 lm	57 lm/W	.	5980-B-2-989-91
				2700 K	130 lm	61 lm/W	.	5980-C-2-989-91
				3000 K	130 lm	61 lm/W	.	5980-D-2-525-91
		2.1 W	47°	4000 K	130 lm	61 lm/W	.	5980-D-2-899-91
				3000 K	130 lm	61 lm/W	.	5980-D-2-989-91
				2700 K	110 lm	52 lm/W	.	5980-H-2-525-91
	46°/27°		4000 K	110 lm	52 lm/W	.	5980-H-2-899-91	
			3000 K	110 lm	52 lm/W	.	5980-H-2-989-91	
			3000 K	110 lm	52 lm/W	.	5980-H-2-989-91	
		2 W	15°	3000 K	140 lm	70 lm/W	.	7390-A-2-469-91
		2.1 W	N/A	2700 K	59 lm	28 lm/W	.	7390-O-2-525-91
				4000 K	59 lm	28 lm/W	.	7390-O-2-989-91
				3000 K	59 lm	28 lm/W	.	7390-O-2-989-91
		2 W	15°	3000 K	140 lm	70 lm/W	.	7481-A-2-469-91
		2.1 W	N/A	2700 K	59 lm	28 lm/W	.	7481-O-2-525-91
				4000 K	59 lm	28 lm/W	.	7481-O-2-899-91
				3000 K	59 lm	28 lm/W	.	7481-O-2-989-91
			28°	2700 K	120 lm	57 lm/W	.	7481-B-2-525-91
4000 K				120 lm	57 lm/W	.	7481-B-2-899-91	
3000 K				120 lm	57 lm/W	.	7481-B-2-989-91	
2.1 W		37°	2700 K	130 lm	61 lm/W	.	7481-C-2-525-91	
			3000 K	130 lm	61 lm/W	.	7481-C-2-989-91	
			4000 K	130 lm	61 lm/W	.	7481-D-2-525-91	
		47°	4000 K	130 lm	61 lm/W	.	7481-D-2-899-91	
			3000 K	130 lm	61 lm/W	.	7481-D-2-989-91	
			2700 K	110 lm	52 lm/W	.	7481-H-2-525-91	
46°/27°		4000 K	110 lm	52 lm/W	.	7481-H-2-899-91		
		3000 K	110 lm	52 lm/W	.	7481-H-2-989-91		
		3000 K	110 lm	52 lm/W	.	7481-H-2-989-91		
	2 W	15°	3000 K	140 lm	70 lm/W	.	9090-A-2-469-91	
	2.1 W	N/A	2700 K	59 lm	28 lm/W	.	9090-O-2-525-91	
			4000 K	59 lm	28 lm/W	.	9090-O-2-899-91	
			3000 K	59 lm	28 lm/W	.	9090-O-2-989-91	
		28°	2700 K	120 lm	57 lm/W	.	9090-B-2-525-91	
			4000 K	120 lm	57 lm/W	.	9090-B-2-899-91	
			3000 K	120 lm	57 lm/W	.	9090-B-2-989-91	
	2.1 W	47°	2700 K	130 lm	61 lm/W	.	9090-D-2-525-91	
			4000 K	130 lm	61 lm/W	.	9090-D-2-899-91	
			3000 K	130 lm	61 lm/W	.	9090-D-2-989-91	
		46°/27°	2700 K	110 lm	52 lm/W	.	9090-H-2-525-91	
			4000 K	110 lm	52 lm/W	.	9090-H-2-899-91	
			3000 K	110 lm	52 lm/W	.	9090-H-2-989-91	
	2.3 W	N/A	Blue	8 lm	3 lm/W	.	9090-O-2-992-91	
	2 W	15°	3000 K	140 lm	70 lm/W	.	5981-A-2-470-91	
	2.1 W	N/A	2700 K	59 lm	28 lm/W	.	5981-O-2-525-91	
			4000 K	59 lm	28 lm/W	.	5981-O-2-899-91	
			3000 K	59 lm	28 lm/W	.	5981-O-2-989-91	
		28°	2700 K	120 lm	57 lm/W	.	5981-B-2-525-91	
			4000 K	120 lm	57 lm/W	.	5981-B-2-899-91	
			3000 K	120 lm	57 lm/W	.	5981-B-2-989-91	
	2.1 W	47°	2700 K	130 lm	61 lm/W	.	5981-D-2-525-91	
			4000 K	130 lm	61 lm/W	.	5981-D-2-899-91	
			3000 K	130 lm	61 lm/W	.	5981-D-2-989-91	
		46°/27°	2700 K	110 lm	52 lm/W	.	5981-H-2-525-91	
			4000 K	110 lm	52 lm/W	.	5981-H-2-899-91	
			3000 K	110 lm	52 lm/W	.	5981-H-2-989-91	
		2.1 W	N/A	4000 K	59 lm	28 lm/W	.	7380-O-2-899-91
3000 K				59 lm	28 lm/W	.	7380-O-2-989-91	
	2 W	15°	3000 K	140 lm	70 lm/W	.	7480-A-2-470-91	
	3.3 W	N/A	2700 K	100 lm	30 lm/W	.	7480-O-2-525-91	
			4000 K	100 lm	30 lm/W	.	7480-O-2-899-91	
			3000 K	100 lm	30 lm/W	.	7480-O-2-989-91	
		28°	2700 K	170 lm	51 lm/W	.	7480-B-2-525-91	
			4000 K	180 lm	54 lm/W	.	7480-B-2-899-91	
			3000 K	170 lm	51 lm/W	.	7480-B-2-989-91	
	37°	3000 K	180 lm	54 lm/W	.	7480-C-2-989-91		

*Please contact sales team for special request.

	Product Code	Luminaire Wattage	Beam	CCT	Luminaire Lumen	Efficacy	Controller	Ordering Code
							REMOTE	
ATOM - CC	OD-7480 	3.3 W	47°	2700 K	180 lm	54 lm/W	•	7480-D-2-525-91
				4000 K	190 lm	57 lm/W		7480-D-2-899-91
				3000 K	180 lm	54 lm/W		7480-D-2-989-91
		46°/27°	2700 K	150 lm	45 lm/W	•	7480-H-2-525-91	
			4000 K	160 lm	48 lm/W		7480-H-2-899-91	
			3000 K	150 lm	45 lm/W		7480-H-2-989-91	
	OD-9080 	2 W	15°	3000 K	140 lm	70 lm/W	•	9080-A-2-470-91
		2.1 W	N/A	2700 K	59 lm	28 lm/W	•	9080-O-2-525-91
				4000 K	59 lm	28 lm/W		9080-O-2-899-91
				3000 K	59 lm	28 lm/W		9080-O-2-989-91
			28°	2700 K	120 lm	57 lm/W	•	9080-B-2-525-91
				4000 K	120 lm	57 lm/W		9080-B-2-899-91
				3000 K	120 lm	57 lm/W		9080-B-2-989-91
		2.1 W	37°	3000 K	130 lm	61 lm/W	•	9080-C-2-989-91
2700 K				130 lm	61 lm/W	9080-D-2-525-91		
4000 K				130 lm	61 lm/W	9080-D-2-899-91		
46°/27°			3000 K	130 lm	61 lm/W	•	9080-D-2-989-91	
			2700 K	110 lm	52 lm/W		9080-H-2-525-91	
	4000 K		110 lm	52 lm/W	9080-H-2-899-91			
3000 K	110 lm	52 lm/W	9080-H-2-989-91					

