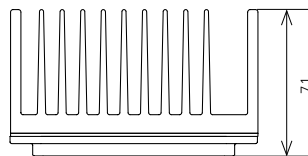
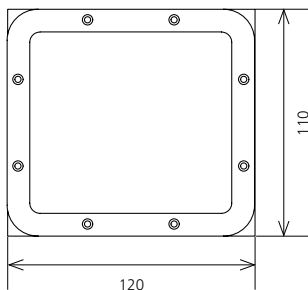




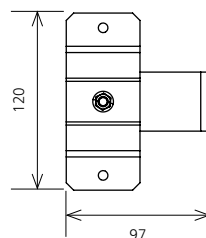
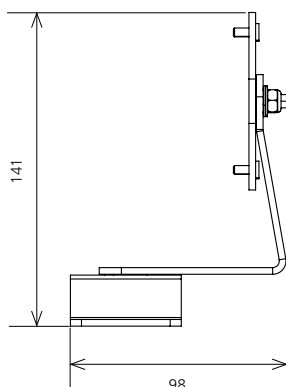
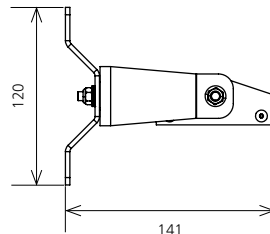
Fortis IP66 is a powerful, highly efficient, and extra durable 3in1 LED module designed for use in demanding industrial conditions where high IP ratings and lumen high flux outputs are required. Each module provides up to 9800 lm and comes in seven different light distribution curves, allowing it to perfectly fit a range of specific illumination, installation, and mounting height needs. The construction of the module means it is very simple and effective to combine modules in various combinations to achieve unbeatably suitable high- and low-bay lighting in individual luminaires or modular linear systems. The lens array is made of PMMA with LOR 93 % and with high level of light transmission for 30 years. All of these features, in addition to an excellent lifetime of 195,000 hours, makes Fortis IP66 an ideal solution for any industrial luminaire.

Fortis IP66 LED module

Dimensions



Accessories



Key features

- Durable and highly efficient 3in1 industrial module
- Flexible connectable system
- 7 different light distributions: narrow beam, medium beam, wide beam, extra wide beam, extra large, opal, and clear
- 9800 lm from one 132 cm² module
- Weatherproof IP66 and IK08 protection LED array with 36 high-power LEDs
- Applications: high- and low-bays, linear industrial systems, stadium and high mast luminaires
- Driver and driving current up to customer

Performances

Power consumption	73 W
Luminous flux	up to 9800 lm
Efficacy	up to 161 lm/W (without driver)
CCT	5000 K / 4000 K / 3000 K
CRI	80 Ra / 70 Ra
LOR optic	93 %
Lifetime @ 25°C	L80 B20 195,000 h (350 mA) L80 B20 142,000 h (500 mA) L80 B20 92,000 h (700 mA)
Max. Ta	45 °C

Material

Lens	PMMA PLEXIGLAS® trademark – no yellowing, a high level of light transmission for 30 years
Heatsink	anodised UV protected extruded Al
Gasket	silicon

Mechanical parameters

Dimensions	110 x 120 x 71 mm
Weight	1050 g / module
IP and IK Rating	IP66, IK08

Optical variants

FORTIS IP67 NA	narrow beam 22°
FORTIS IP67 ME	medium beam 24°
FORTIS IP67 WI	wide beam 28°
FORTIS IP67 EW	extra wide 48°
FORTIS IP67 EL	extra large 20° x 40°
FORTIS IP67 OV	opal 110°
FORTIS IP67 CV	clear 125°

Connection to driver

The solid cables / stranded with the diameter from 0.2–0.75 mm² are needed, the thermal resistance should be more than 100 °C.



Applications



Technical performances

CRI 70

CCT (K)	Optical variant	Nominal current (mA)	Typ power (W) @ Ta 25°C	Typ flux (lm) @ Ta 25°C	Typ efficacy (lm/W) @ Ta 25°C	Beam angle
3000	FORTIS IP66 NA	350	35	5250	150	22°
		700	73	9050	124	
	FORTIS IP66 ME	350	35	5200	149	24°
		700	73	8950	123	
	FORTIS IP66 WI	350	35	5000	143	28°
		700	73	8600	118	
	FORTIS IP66 EW	350	35	4850	139	48°
		700	73	8350	114	
	FORTIS IP66 EL	350	35	5000	143	20°/40°
		700	73	8600	118	
	FORTIS IP66 CV	350	35	5050	144	125°
		700	73	8700	119	
FORTIS IP66 OV	350	35	3900	111	110°	
	700	73	6700	92		
4000	FORTIS IP66 NA	350	35	5650	161	22°
		700	73	9700	133	
	FORTIS IP66 ME	350	35	5600	160	24°
		700	73	9650	132	
	FORTIS IP66 WI	350	35	5350	153	28°
		700	73	9200	126	
	FORTIS IP66 EW	350	35	5200	149	48°
		700	73	8950	123	
	FORTIS IP66 EL	350	35	5400	154	20°/40°
		700	73	9250	127	
	FORTIS IP66 CV	350	35	5450	156	125°
		700	73	9350	128	
FORTIS IP66 OV	350	35	4200	120	110°	
	700	73	7200	99		
5000	FORTIS IP66 NA	350	35	5550	159	22°
		700	73	9800	134	
	FORTIS IP66 ME	350	35	5500	157	24°
		700	73	9700	133	
	FORTIS IP66 WI	350	35	5250	150	28°
		700	73	9250	127	
	FORTIS IP66 EW	350	35	5100	146	48°
		700	73	9000	123	
	FORTIS IP66 EL	350	35	5250	150	20°/40°
		700	73	9300	127	
	FORTIS IP66 CV	350	35	5350	153	125°
		700	73	9400	129	
FORTIS IP66 OV	350	35	4100	117	110°	
	700	73	7250	99		

CRI 80

CCT (K)	Optical variant	Nominal current (mA)	Typ power (W) @ Ta 25°C	Typ flux (lm) @ Ta 25°C	Typ efficacy (lm/W) @ Ta 25°C	Beam angle
3000	FORTIS IP66 NA	350	35	4600	131	22°
		700	73	7900	108	
	FORTIS IP66 ME	350	35	4550	130	24°
		700	73	7800	107	
	FORTIS IP66 WI	350	35	4350	124	28°
		700	73	7500	103	
	FORTIS IP66 EW	350	35	4250	121	48°
		700	73	7250	99	
	FORTIS IP66 EL	350	35	4400	126	20°/40°
		700	73	7500	103	
	FORTIS IP66 CV	350	35	4450	127	125°
		700	73	7600	104	
FORTIS IP66 OV	350	35	3400	97	110°	
	700	73	5850	80		
4000	FORTIS IP66 NA	350	35	4850	139	22°
		700	73	8300	114	
	FORTIS IP66 ME	350	35	4800	137	24°
		700	73	8250	113	
	FORTIS IP66 WI	350	35	4600	131	28°
		700	73	7850	108	
	FORTIS IP66 EW	350	35	4450	127	48°
		700	73	7650	105	
	FORTIS IP66 EL	350	35	4600	131	20°/40°
		700	73	7900	108	
	FORTIS IP66 CV	350	35	4650	133	125°
		700	73	7800	107	
FORTIS IP66 OV	350	35	3600	103	110°	
	700	73	6150	84		
5000	FORTIS IP66 NA	350	35	4800	137	22°
		700	73	8500	116	
	FORTIS IP66 ME	350	35	4750	136	24°
		700	73	8450	116	
	FORTIS IP66 WI	350	35	4550	130	28°
		700	73	8050	110	
	FORTIS IP66 EW	350	35	4450	127	48°
		700	73	7850	108	
	FORTIS IP66 EL	350	35	4600	131	20°/40°
		700	73	8100	111	
	FORTIS IP66 CV	350	35	4650	133	125°
		700	73	8200	112	
FORTIS IP66 OV	350	35	3550	101	110°	
	700	73	6300	86		

5 Year Warranty

The Company reserves the right to change any product specifications without prior notification.