



Areas of application

- Recreational sports
- Billboard lighting
- Accent lighting
- Parking lots
- Roundabout
- Outdoor sports

Product Benefits

- Up to 100, 000hrs @ L70, low maintenance cost
- World class, approbated quality components (LEDs /Driver /etc.)
- Equip with vent to avoid internal fogging and frosting
- Wide choice of optics to suit more applications (asymmetrical and symmetrical)
- Buckle design makes it very easy for further maintenance
- 5 years warranty

Product Features

- Luminaire efficacy: Up to 170 lm /w
- Lifetime more than 100, 000 hours
- Impact resistance: IK09
- Type of protection: IP66



Version M

Model No		ENFL-60W-03/05DI	ENFL-60W-03/05DI+	ENFL-80W-03/05DI	ENFL-80W-03/05DI+	ENFL-100W-03/05DI	ENFL-120W-03/05DI
Nominal Wattage		60W	60W	80W	80W	100W	120W
3030 Version	Efficiency Lumen	150 lm /w 9000 lm	165 lm /w 9900 lm	145 lm /w 11600 lm	160 lm /w 12800 lm	145 lm /w 14500 lm	145 lm /w 17400 lm
5050 Version	Efficiency Lumen	160 lm /w 9600 lm	170 lm /w 10200 lm	155 lm /w 12400 lm	165 lm /w 13200 lm	155 lm /w 15500 lm	155 lm /w 18600 lm

Version L

Model No		ENFL-150W-03/05DI	ENFL-150W-03/05DI+	ENFL-180W-03/05DI	ENFL-180W-03/05DI+	ENFL-200W-03/05DI	ENFL-240W-03/05DI
Nominal Wattage		150W	150W	180W	180W	200W	240W
3030 Version	Efficiency Lumen	145 lm /w 21750 lm	160 lm /w 24000 lm	150 lm /w 27000 lm	155 lm /w 27900 lm	145lm /w 29000 lm	140 lm /w 33600 lm
5050 Version	Efficiency Lumen	155 lm /w 23250 lm	165 lm /w 24750 lm	160 lm /w 28800 lm	165 lm /w 29700 lm	155 lm /w 31000 lm	150 lm /w 36000 lm

Version XL

Model No		ENFL-320W-03/05DI	ENFL-320W-03/05DI0+	ENFL-400W-03/05DI
Nominal Wattage		320W	320W	400W
3030 Version	Efficiency Lumen	155 lm /w 49600 lm	160 lm /w 51200 lm	150 lm /w 60000 lm
5050 Version	Efficiency Lumen	165 lm /w 52800 lm	170 lm /w 54400 lm	160 lm /w 64000 lm

*Above values are calculated based on the product with CCT over 3000K, values of 3000K are 5% lower than above values.

*Luminous Efficacy of Asymmetrical is 5% lower than other Light Distributions.

*Values shown are subject to ±5% tolerance.

Electrical Data:

Nominal Voltage	AC 100-240V /277V 50 /60Hz
LED	Philips Lumileds
Driver	Default: Inventronics for 30-320W, SOSEN for 400W /Other brands on request
Power Factor (PF)	>0.95
THD	<15
SPD	10KV (Build-in Driver) /Extra 10KV SPD (Available on request)
Optics	25°, 60°, 90°, 120° or Asymmetrical
Standard Deviation of Color Matching	<5 SDCM
CRI	Ra>70 (Default) /Ra>80
CCT	3000K, 4000K, 5000K, 5700K

General Data

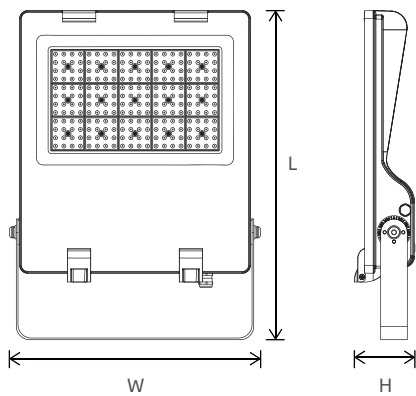
Body Material	High pressure die-cast aluminum
Housing Color	Gray (Default) /Black (available on request)
Cover Material	Tempered glass
Lens Material	UV-resistant Polycarbonate
Working Environment	-40°C ~ +50°C, 10% ~ 90%RH
Lifespan L70 at 25 °C	>100, 000 h
Mounting Type	Bracket mounted
Mounting Location	Wall /Pole /Floor /Ceiling
Dimmable	1-10V Dimming (Default) / Timer Dimming
Protection Class	Class I (Default) /Class II(30-240W)
Standards	CE, RoHS, ENEC, CB, LM79, LM80, TM-21, IP66, IK09
Available on request	Photocell, Motion sensor, NTC, OLC, Solar Compatible, DALI Dimming

Product Datasheet

Structure Drawing:



Dimension:

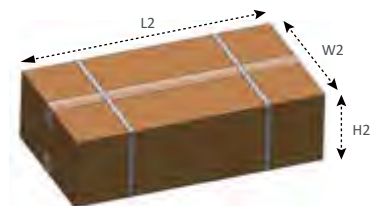


Fixture Information

Version	L1 xW1 xH1	Weight
S 30W to 50W	345 x226 x81mm	2.3kg
M 60W to 120W	447 x321 x90mm	4.4kg
L 150W to 240W	495 x378 x90mm	6.0kg
XL 320W to 400W	639 x507 x92mm	12.0kg

Package Information

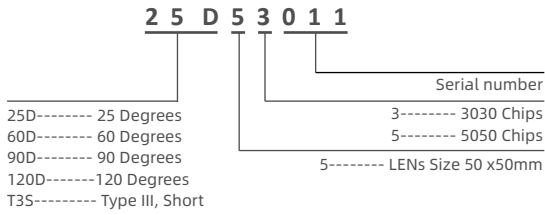
Version	L2 xW2 xH2	Weight
S 30W to 50W	350 x295 x145mm	2.9kg
M 60W to 120W	425 x385 x140mm	4.9kg
L 150W to 240W	470 x445 x145mm	6.7kg
XL 320W to 400W	655 x570 x180mm	13.5kg



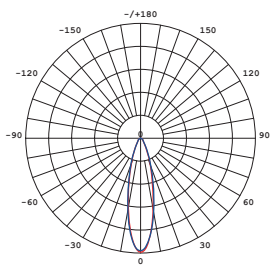
Product Datasheet

Light Distributions

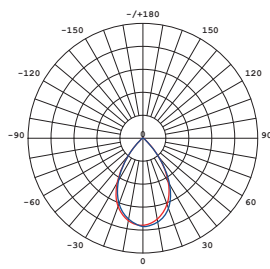
Order reference



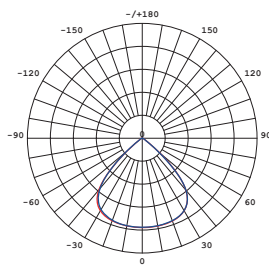
3030 Version



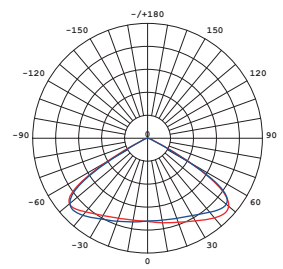
25D53011



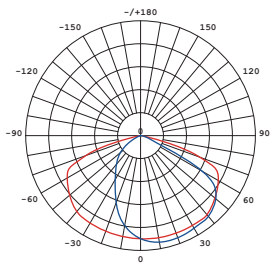
60D53012



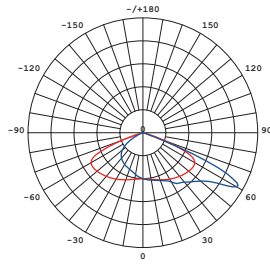
90D53013



120D53014

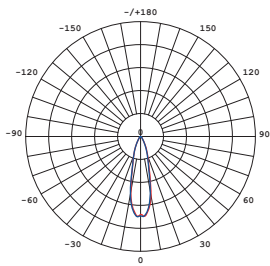


T3S53002

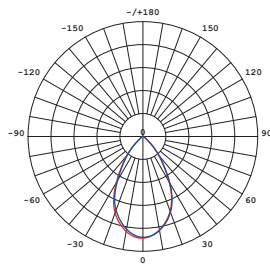


T3S53003

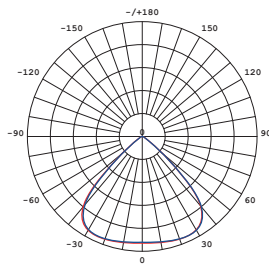
5050 Version



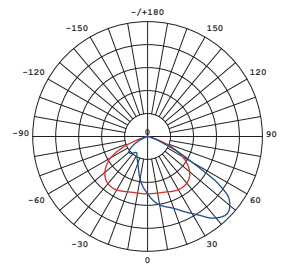
25D55017



60D55015

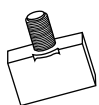


90D55016



T3S55006

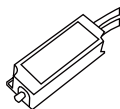
Optional accessories



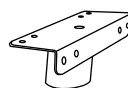
Photocell



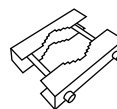
PIR Sensor



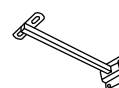
Smart Controller



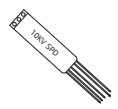
Pole Adapter



Clamp Bracket



Mounting Arm



Extra 10KV SPD