



FDL-30W		FDL-50W		FDL-70W		FDL-100W	
Specifications		Specifications		Specifications		Specifications	
Electrical Specifications:		Electrical Specifications:		Electrical Specifications:		Electrical Specifications:	
Model No.	FDL-30W	Model No.	FDL-50W	Model No.	FDL-70W	Model No.	FDL-100W
Nominal Wattage	30W	Nominal Wattage	50W	Nominal Wattage	70W	Nominal Wattage	100W
Nominal Voltage	AC100-347V,50/60Hz	Nominal Voltage	AC100-347V,50/60Hz	Nominal Voltage	AC100-347V,50/60Hz	Nominal Voltage	AC100-347V,50/60Hz
LED Chip	Philips	LED Chip	Philips	LED Chip	Philips	LED Chip	Philips
Efficiency	130LM/W	Efficiency	130LM/W	Efficiency	130LM/W	Efficiency	130LM/W
Optimal Operating Temperature	-40 °C to +50 °C	Optimal Operating Temperature	-40 °C to +50 °C	Optimal Operating Temperature	-40 °C to +50 °C	Optimal Operating Temperature	-40 °C to +50 °C
Power Factor (PF)	> 0.95	Power Factor (PF)	> 0.95	Power Factor (PF)	> 0.95	Power Factor (PF)	> 0.95
Driver Efficiency	> 92%	Driver Efficiency	> 92%	Driver Efficiency	> 92%	Driver Efficiency	> 92%
Photometric Specifications:		Photometric Specifications:		Photometric Specifications:		Photometric Specifications:	
Lumen Output	3800lm <small>(1Lumen tolerance +/- 5%)</small>	Lumen Output	6200 lm <small>(1Lumen tolerance +/- 5%)</small>	Lumen Output	9100 lm <small>(1Lumen tolerance +/- 5%)</small>	Lumen Output	13000lm <small>(1Lumen tolerance +/- 5%)</small>
Photometric Type	120degrees	Photometric Type	120degrees	Photometric Type	120degrees	Photometric Type	120degrees
CRI	Ra >= 80 <small>(+/- .5)</small>	CRI	Ra >= 80 <small>(+/- .5)</small>	CRI	Ra >= 80 <small>(+/- .5)</small>	CRI	Ra >= 80 <small>(+/- .5)</small>
CCT	5000K	CCT	5000K	CCT	5000K	CCT	5000K
Mechanical Specifications:		Mechanical Specifications:		Mechanical Specifications:		Mechanical Specifications:	
Ratings	IP65, IK08	Ratings	IP65, IK08	Ratings	IP65, IK08	Ratings	IP65, IK08
Lumen Maintenance	>80000hours-L70,@25°C (T7+)	Lumen Maintenance	>80000hours-L70,@25°C (T7+)	Lumen Maintenance	>80000hours-L70,@25°C (T7+)	Lumen Maintenance	>80000hours-L70,@25°C (T7+)
Heat Radiator	Anodized Aluminum	Heat Radiator	Anodized Aluminum	Heat Radiator	Anodized Aluminum	Heat Radiator	Anodized Aluminum
Lens	Glass	Lens	Glass	Lens	Glass	Lens	Glass
Fixture Dimension	8.89 x 6.57 x 1.57 inches	Fixture Dimension	8.66 x 12.2 x 1.96 inches	Fixture Dimension	10.1 x 13.9 x 2.16 inches	Fixture Dimension	11.6 x 15.8 x 2.36 inches
Fixture Weight	1.1kg	Fixture Weight	1.7kg	Fixture Weight	3.2kg	Fixture Weight	5.0kg

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FDL-150W

FDL-200W

FDL-250W

FDL-300W

Specifications		Specifications		Specifications		Specifications	
Electrical Specifications:		Electrical Specifications:		Electrical Specifications:		Electrical Specifications:	
Model No.	FDL-150W	Model No.	FDL-200W	Model No.	FDL-250W	Model No.	FDL-300W
Nominal Wattage	150W	Nominal Wattage	200W	Nominal Wattage	250W	Nominal Wattage	300W
Nominal Voltage	AC100-347V,50/60Hz	Nominal Voltage	AC100-347V,50/60Hz	Nominal Voltage	AC100-347V,50/60Hz	Nominal Voltage	AC100-347V,50/60Hz
LED Chip	Philips	LED Chip	Philips	LED Chip	Philips	LED Chip	Philips
Efficiency	130LM/W	Efficiency	130LM/W	Efficiency	130LM/W	Efficiency	130LM/W
Optimal Operating Temperature	-40 °C to +50 °C	Optimal Operating Temperature	-40 °C to +50 °C	Optimal Operating Temperature	-40 °C to +50 °C	Optimal Operating Temperature	-40 °C to +50 °C
Power Factor (PF)	> 0.95	Power Factor (PF)	> 0.95	Power Factor (PF)	> 0.95	Power Factor (PF)	> 0.95
Driver Efficiency	> 92%	Driver Efficiency	> 92%	Driver Efficiency	> 92%	Driver Efficiency	> 92%
Photometric Specifications:		Photometric Specifications:		Photometric Specifications:		Photometric Specifications:	
Lumen Output	19500lm (Lumen tolerance +/- 5%)	Lumen Output	26000lm (Lumen tolerance +/- 5)	Lumen Output	32500lm (Lumen tolerance +/- 5%)	Lumen Output	39000lm (Lumen tolerance +/- 5%)
Photometric Type	120degrees	Photometric Type	120degrees	Photometric Type	120degrees	Photometric Type	120degrees
CRI	Ra >= 80 (+/- 5)	CRI	Ra >= 80 (+/- 5)	CRI	Ra >= 80 (+/- 5)	CRI	Ra >= 80 (+/- 5)
CCT	5000K	CCT	5000K	CCT	5000K	CCT	5000K
Mechanical Specifications:		Mechanical Specifications:		Mechanical Specifications:		Mechanical Specifications:	
Ratings	IP65, IK08	Ratings	IP65, IK08	Ratings	IP65, IK08	Ratings	IP65, IK08
Lumen Maintenance	>80000hours-L70,@25°C(77°F)	Lumen Maintenance	>80000hours-L70,@25°C(77°F)	Lumen Maintenance	>80000hours-L70,@25°C(77°F)	Lumen Maintenance	>80000hours-L70,@25°C(77°F)
Heat Radiator	Anodized Aluminum	Heat Radiator	Anodized Aluminum	Heat Radiator	Anodized Aluminum	Heat Radiator	Anodized Aluminum
Lens	Glass	Lens	Glass	Lens	Glass	Lens	Glass
Fixture Dimension	13.0 x 16.9 x 2.36 inches	Fixture Dimension	14.2 x 18.5 x 2.36 inches	Fixture Dimension	14.2 x 18.5 x 2.36 inches	Fixture Dimension	22.2 x 18.0 x 2.56 inches
Fixture Weight	6.5kg	Fixture Weight	7.0kg	Fixture Weight	7.0kg	Fixture Weight	10.5kg

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