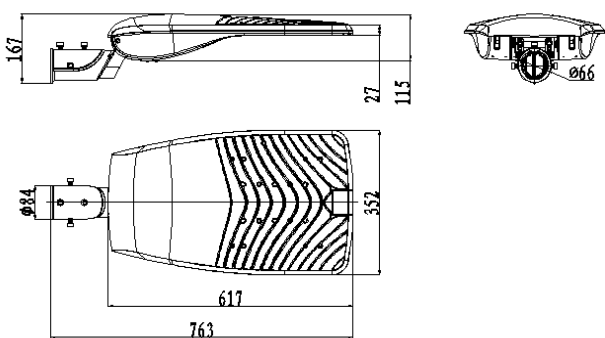
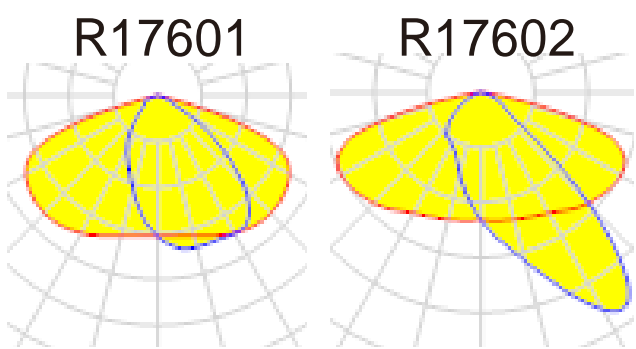

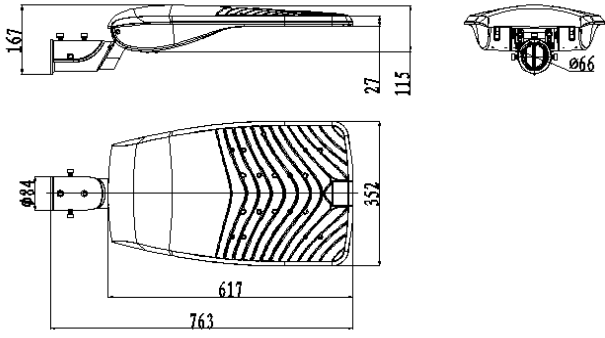
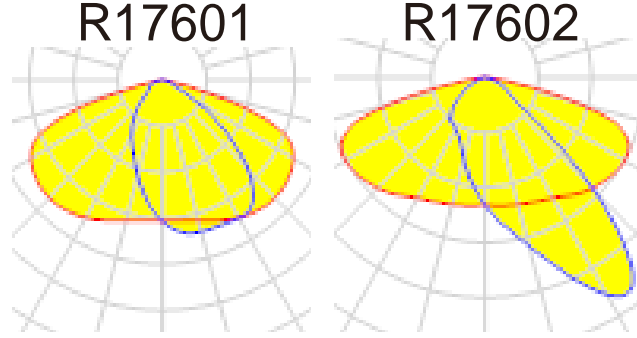

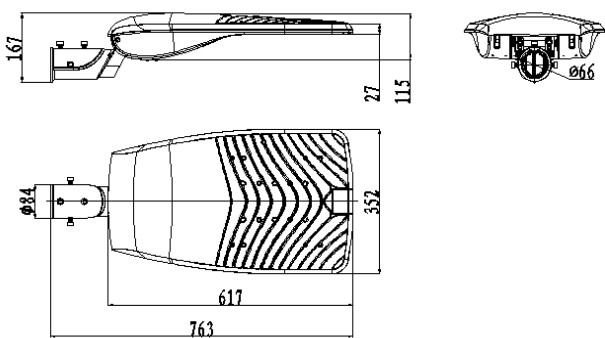
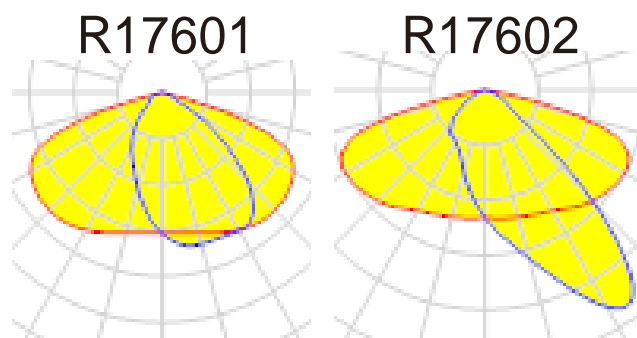

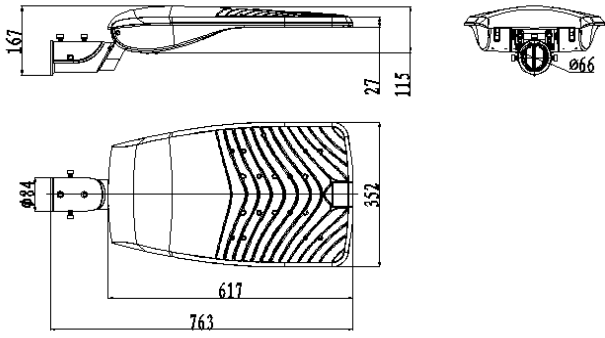
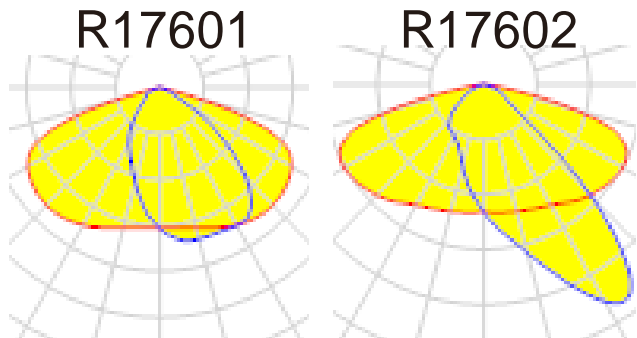

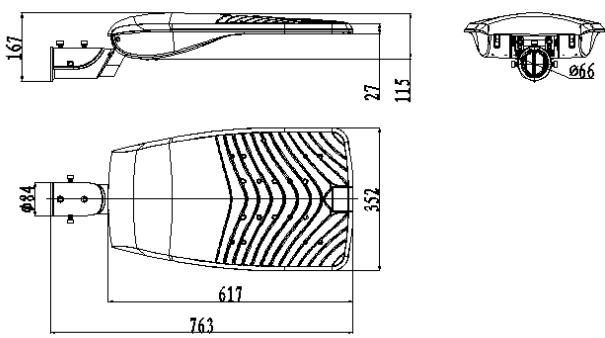
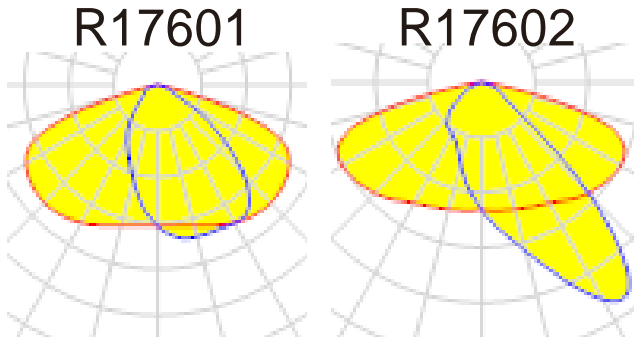

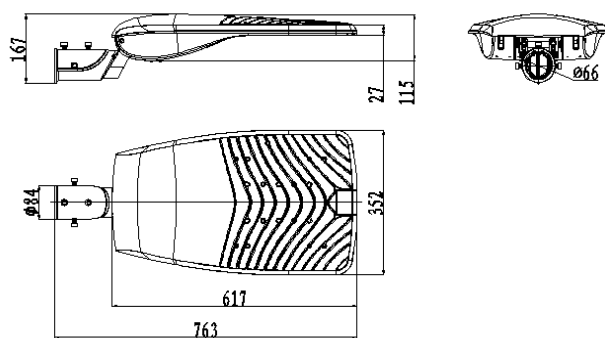
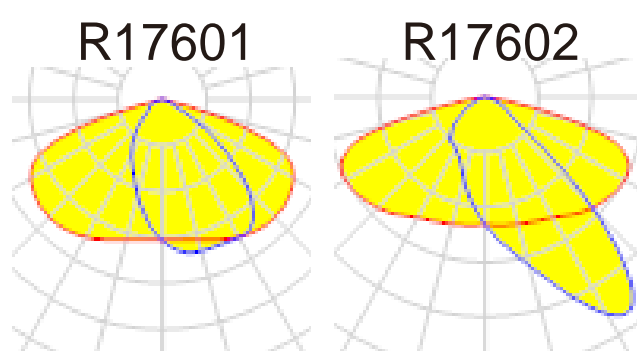
	Product Name	Majimoto 30W Merlin Series LED Street Light	
	Item No.	SL-M-30W	
Optical Data		Electrical Data	
LED Type	Nichia SMD	Power Supply	Sosen
System Efficacy	130(±5%)lm/W(4000K Ra70)	Input Voltage	AC100-240V / AC100-277V
Luminous Flux	3900(±5%)lm(4000K Ra70)	Frequency Range	50/60Hz
CCT	3000K, 4000K, 5000K	Output Voltage	DC42-54V
Beam Angle	R17601,R17602	Output Current	0.65A(Constant Current)
CRI	Ra70/Ra80	Power Efficiency	>88%
System Efficiency	>88%	Power Factor	>0.95
		Total Harmonic Distortion	<25%
Others			
System Power Consumption	30±3W	Junction Temperature(Tj)	<65°C(Ta=30°C)
LED Power Consumption	25±3W	Storage Temperature	-40~+70°C
Fixture Material	Aluminum Alloy	Operating Temperature	-30~+50°C
Ingress Protection	IP66	Operating Humidity	15~90%RH
Luminaire Net Weight	8.3±0.3kg	Outlook Dimensions	763x352x225mm
Life Span	>50000Hrs(Ta=30°C@L70)	Export Carton Size	830x235x410mm
Optional Info.			
Installation Method	Pole Mounting (Adjustable Angle)-Spigot available		
Fixture Color	Grey		
Dimming Function	DALI		
Physical Dimensions		Light Distribution Curve	
			


	Product Name	Majimoto 50W Merlin Series LED Street Light	
	Item No.	SL-M-50W	
Optical Data		Electrical Data	
LED Type	Nichia SMD	Power Supply	Sosen
System Efficacy	130(±5%)lm/W(4000K Ra70)	Input Voltage	AC100-240V / AC100-277V
Luminous Flux	6500(±5%)lm(4000K Ra70)	Frequency Range	50/60Hz
CCT	3000K, 4000K, 5000K	Output Voltage	DC36-48V
Beam Angle	R17601,R17602	Output Current	1.05A(Constant Current)
CRI	Ra70/Ra80	Power Efficiency	>88%
System Efficiency	>88%	Power Factor	>0.95
		Total Harmonic Distortion	<20%
Others			
System Power Consumption	50±3W	Junction Temperature(Tj)	<65°C(Ta=30°C)
LED Power Consumption	44±3W	Storage Temperature	-40~+70°C
Fixture Material	Aluminum Alloy	Operating Temperature	-30~+50°C
Ingress Protection	IP66	Operating Humidity	15~90%RH
Luminaire Net Weight	8.5±0.3kg	Outlook Dimensions	763x352x225mm
Life Span	>50000Hrs(Ta=30°C@L70)	Export Carton Size	830x235x410mm
Optional Info.			
Installation Method	Pole Mounting (Adjustable Angle)		
Fixture Color	Grey		
Dimming Function	DALI		
Physical Dimensions		Light Distribution Curve	
			

	Product Name	Majimoto 70W Merlin Series LED Street Light	
	Item No.	SL-M-70W	
Optical Data		Electrical Data	
LED Type	Nichia SMD	Power Supply	Sosen
System Efficacy	130(±5%)lm/W(4000K Ra70)	Input Voltage	AC100-240V / AC100-277V
Luminous Flux	9100(±5%)lm(4000K Ra70)	Frequency Range	50/60Hz
CCT	3000K, 4000K, 5000K	Output Voltage	DC36-48V
Beam Angle	R17601,R17602	Output Current	1.45A(Constant Current)
CRI	Ra70/Ra80	Power Efficiency	>90%
System Efficiency	>90%	Power Factor	>0.95
		Total Harmonic Distortion	<20%
Others			
System Power Consumption	70±3W	Junction Temperature(Tj)	<70°C(Ta=30°C)
LED Power Consumption	63±3W	Storage Temperature	-40~+70°C
Fixture Material	Aluminum Alloy	Operating Temperature	-30~+50°C
Ingress Protection	IP66	Operating Humidity	15~90%RH
Luminaire Net Weight	8.8±0.3kg	Outlook Dimensions	763x352x225mm
Life Span	>50000Hrs(Ta=30°C@L70)	Export Carton Size	830x235x410mm
Optional Info.			
Installation Method	Pole Mounting (Adjustable Angle)		
Fixture Color	Grey		
Dimming Function	DALI		
Physical Dimensions		Light Distribution Curve	
			

	Product Name	Majimoto 90W Merlin Series LED Street Light	
	Item No.	SL-M-90W	
Optical Data		Electrical Data	
LED Type	Nichia SMD	Power Supply	Sosen
System Efficacy	130(±5%)lm/W(4000K Ra70)	Input Voltage	AC100-240V / AC100-277V
Luminous Flux	11700(±5%)lm(4000K Ra70)	Frequency Range	50/60Hz
CCT	3000K, 4000K, 5000K	Output Voltage	DC36-48V
Beam Angle	R17601,R17602	Output Current	1.7A(Constant Current)
CRI	Ra70/Ra80	Power Efficiency	>90%
System Efficiency	>90%	Power Factor	>0.90
		Total Harmonic Distortion	<20%
Others			
System Power Consumption	90±4W	Junction Temperature(Tj)	<75°C(Ta=30°C)
LED Power Consumption	80±4W	Storage Temperature	-40~+70°C
Fixture Material	Aluminum Alloy	Operating Temperature	-30~+50°C
Ingress Protection	IP66	Operating Humidity	15~90%RH
Luminaire Net Weight	9.0±0.3kg	Outlook Dimensions	763x352x225mm
Life Span	>50000Hrs(Ta=30°C@L70)	Export Carton Size	830x235x410mm
Optional Info.			
Installation Method	Pole Mounting (Adjustable Angle)		
Fixture Color	Grey		
Dimming Function	DALI		
Physical Dimensions		Light Distribution Curve	
			

	Product Name	Majimoto 120W Merlin Series LED Street Light	
	Item No.	SL-M-120W	
Optical Data		Electrical Data	
LED Type	Nichia SMD	Power Supply	Sosen
System Efficacy	130(±5%)lm/W(4000K Ra70)	Input Voltage	AC100-240V / AC100-277V
Luminous Flux	15600(±5%)lm(4000K Ra70)	Frequency Range	50/60Hz
CCT	3000K, 4000K, 5000K	Output Voltage	DC36-48V
Beam Angle	R17601,R17602	Output Current	2.3A(Constant Current)
CRI	Ra70/Ra80	Power Efficiency	>90%
System Efficiency	>90%	Power Factor	>0.95
		Total Harmonic Distortion	<20%
Others			
System Power Consumption	120±6W	Junction Temperature(Tj)	<80°C(Ta=30°C)
LED Power Consumption	110±6W	Storage Temperature	-40~+70°C
Fixture Material	Aluminum Alloy	Operating Temperature	-30~+50°C
Ingress Protection	IP66	Operating Humidity	15~90%RH
Luminaire Net Weight	9.2±0.3kg	Outlook Dimensions	763x352x225mm
Life Span	>50000Hrs(Ta=30°C@L70)	Export Carton Size	830x235x410mm
Optional Info.			
Installation Method	Pole Mounting (Adjustable Angle)		
Fixture Color	Grey		
Dimming Function	DALI		
Physical Dimensions		Light Distribution Curve	
			

	Product Name	Majimoto 150W Merlin Series LED Street Light	
	Item No.	SL-M-150W	
Optical Data		Electrical Data	
LED Type	Nichia SMD	Power Supply	Sosen
System Efficacy	125(±5%)lm/W(4000K Ra70)	Input Voltage	AC100-240V / AC100-277V
Luminous Flux	18750(±5%)lm(4000K Ra70)	Frequency Range	50/60Hz
CCT	3000K, 4000K, 5000K	Output Voltage	DC36-48V
Beam Angle	R17601,R17602	Output Current	2.8A(Constant Current)
CRI	Ra70/Ra80	Power Efficiency	>90%
System Efficiency	>90%	Power Factor	>0.95
		Total Harmonic Distortion	<20%
Others			
System Power Consumption	150±7W	Junction Temperature(Tj)	<85°C(Ta=30°C)
LED Power Consumption	134±7W	Storage Temperature	-40~+70°C
Fixture Material	Aluminum Alloy	Operating Temperature	-30~+50°C
Ingress Protection	IP66	Operating Humidity	15~90%RH
Luminaire Net Weight	9.2±0.3kg	Outlook Dimensions	763x352x225mm
Life Span	>50000Hrs(Ta=30°C@L70)	Export Carton Size	830x235x410mm
Optional Info.			
Installation Method	Pole Mounting (Adjustable Angle)		
Fixture Color	Grey		
Dimming Function	DALI		
Physical Dimensions		Light Distribution Curve	
			

	Product Name	Majimoto 180W Merlin Series LED Street Light	
	Item No.	SL-M-180W	
Optical Data		Electrical Data	
LED Type	Nichia SMD	Power Supply	Sosen
System Efficacy	120(±5%)lm/W(4000K Ra70)	Input Voltage	AC100-240V / AC100-277V
Luminous Flux	21600(±5%)lm(4000K Ra70)	Frequency Range	50/60Hz
CCT	3000K, 4000K, 5000K	Output Voltage	DC36-48V
Beam Angle	R17601,R17602	Output Current	3.41A(Constant Current)
CRI	Ra70/Ra80	Power Efficiency	>90%
System Efficiency	>90%	Power Factor	>0.95
		Total Harmonic Distortion	<20%
Others			
System Power Consumption	180±9W	Junction Temperature(Tj)	<85°C(Ta=30°C)
LED Power Consumption	162±9W	Storage Temperature	-40~+70°C
Fixture Material	Aluminum Alloy	Operating Temperature	-30~+50°C
Ingress Protection	IP66	Operating Humidity	15~90%RH
Luminaire Net Weight	9.2±0.3kg	Outlook Dimensions	763x352x225mm
Life Span	>50000Hrs(Ta=30°C@L70)	Export Carton Size	830x235x410mm
Optional Info.			
Installation Method	Pole Mounting (Adjustable Angle)		
Fixture Color	Grey		
Dimming Function	DALI		
Physical Dimensions		Light Distribution Curve	
