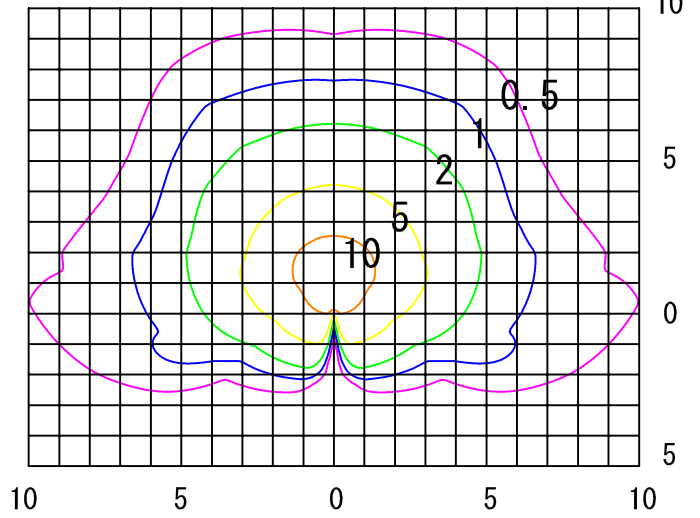


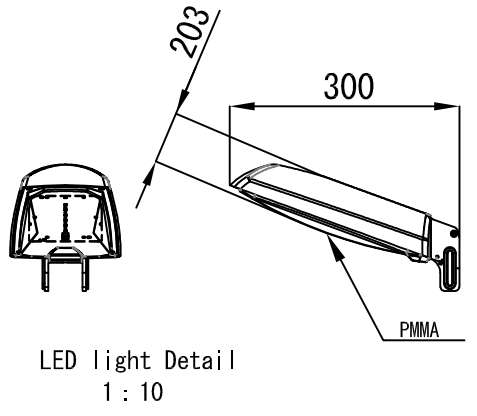
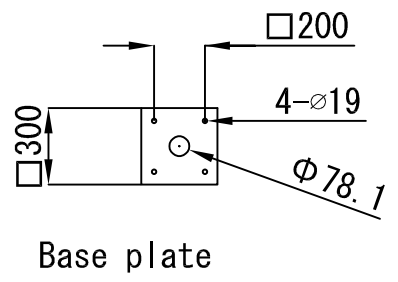
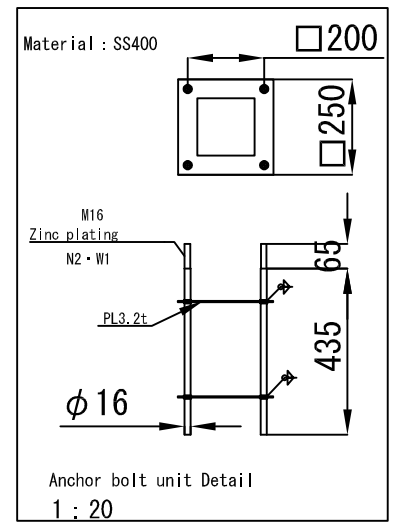
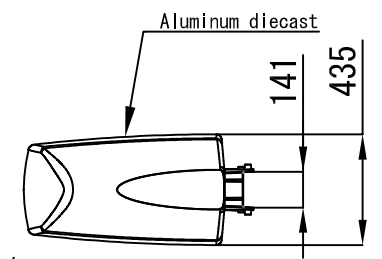
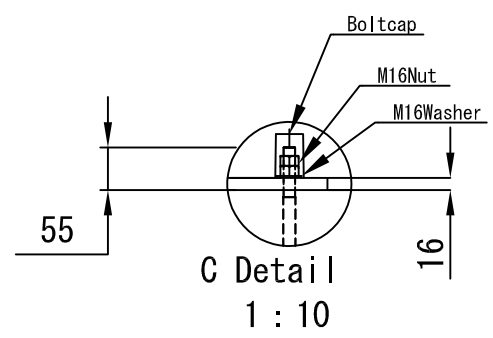
Basic Specifications	
Name	Middle Capa Plus V2 Dual type
Model	MDCP-L1T5
Basic Function	LED light turned on after sunset, turned off after sunrise
Operating Temperature Range	-20~45degree celsius
Operating under low sunlight condition	Use the Weather synchronization system to light every day

Detailed Specifications		
Solar panel battery	Nominal maximum output	50W
	Solar panel tilt angle	30 degrees
Storage battery	Type	olivine-type lithium iron phosphate battery
	Capacity	264Wh
	Overcharge/over-discharge protection	Weather Synchronization System circuit
Light	charge-discharge cycle life (70% decrease in capacity)	10000+cycles *exprimnt conditions : 1C, DOD 100%, 23 degrees Celsius
	Light type	Power LED for lighting manufactured by Nichia Corporation
	Lighting patrnrs	6 lighting modes including a mode for 14 hours constant brightness can be selected and changed any time after installation
	Servise life (70%decrease in brightness)	About60,000 hours
Weight	Mount / attachment : about 16.5kg Light : about 1.5kg	

Part Number	Part Name	Quantity	Material/Spec	Description
1	Pole	1	φ89.1 t=5.5 JIS G3444STR400	Anodized painted finish
2	Solar mounting unit	1	SUS・Aluminum	360° rotation
3	Solar cell	1	50Wp	Monocrystalline silicon
4	Battery unit with controller	1	264Wh (NEC ALM 12V7×4)	Weather synchronization system
5	Anchor Bolt Unit	1	M16×500L	M16×500L
6	LED Light unit	1	Aluminum diecasting	Adjustable Lvel/10/20/30 degree
7	Adapter for LED Light	1	SUS/Paint finish	360° rotation

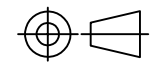


With wide Expansion Lens
 Luminous flux : 850lm
 Lighting mode : At 14hrs constant
 Height : 3m
 Angle : 30°
 Maintenance factor : 0.8



Notes

- ※1. Always install the solar panel facing south, and make sure that it is not installed somewhere shaded by tree and buildings.
- ※2. Please conduct a thorough field survey of the installation site before installing.
- ※3. The light and the solar panel mount will have one of our standard painted surface finishes (silver or dark brown)
- ※4. All bolts used must be stainless steel.
- ※5. Please refer to the User's Manual for installation instructions.
- ※6. Make sure to confirm the structural integrity of the product (e.g. against wind loads) before installation.

Date		Name		L-Kougen Co., Ltd
Drawing	2017/05/10	Saito		
Inspection	2017/05/10	Seki		
Approval	2017/05/10	Murasugi		Name Middle capa plus V2 Dual type
				Drawing Number MDCP-L1T5/MDCP-L1T5-TA
Scale		1:30		Unit : mm