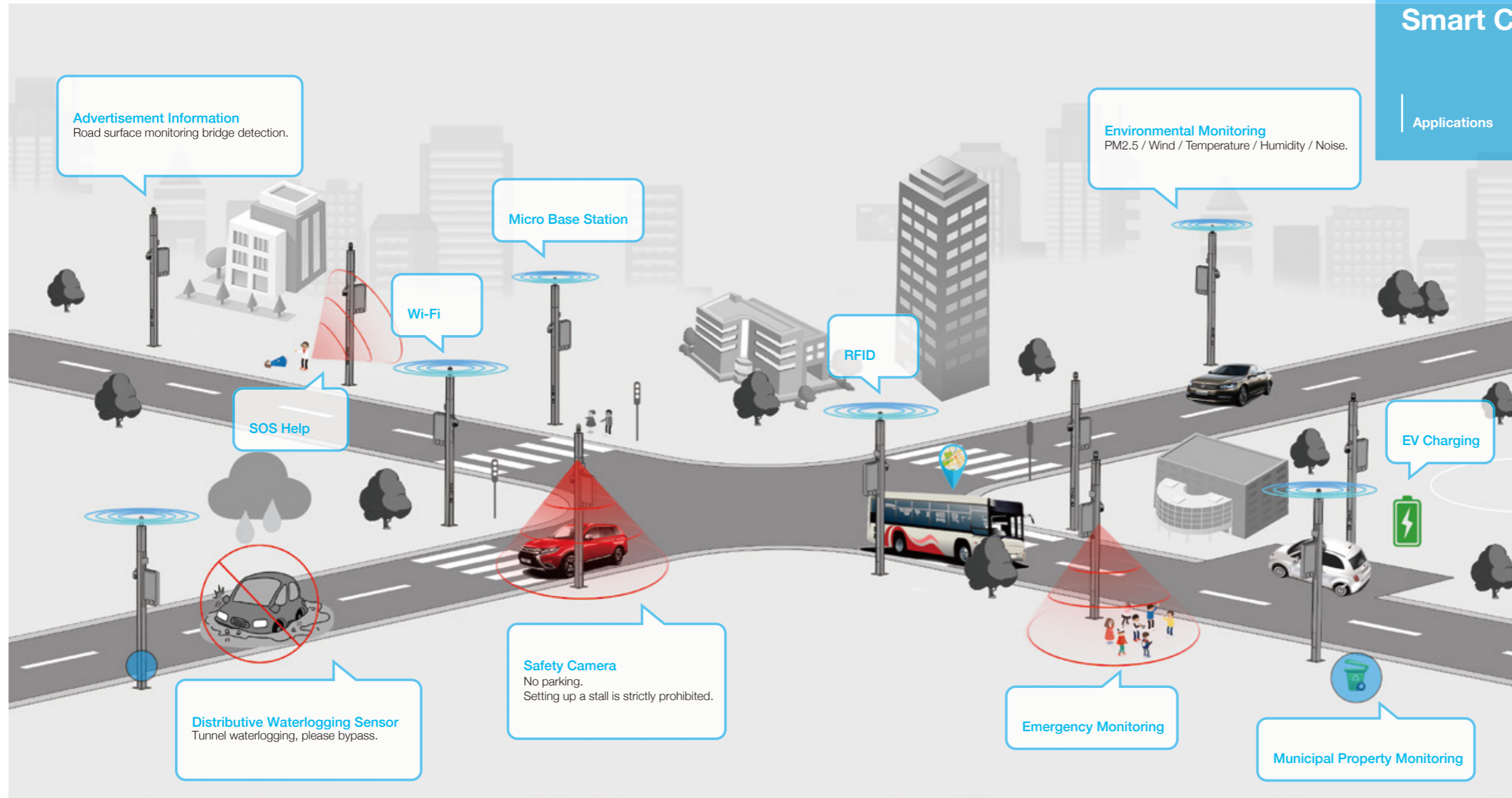


Smart Lighting Application



Smart City

With the wide application of new generation information technologies such as Internet of things, 5g network and cloud computing, smart city has become possible. Through the data interconnection of smart devices in the city, platform data sharing and data linkage can be achieved, and finally the purpose of smart city can be achieved.

Smart Light Pole

The multifunctional integrated intelligent system is realized through the integrated lamp pole equipped with meteorological sensors, safety cameras, LED advertising display screens, intelligent speakers, charging piles, 5g base stations and other equipment carriers.

Intelligent Lighting

Smart lighting is one part of smart light pole. Through wireless communication technology, it realizes the following functions: Switch control, Real-time monitoring, Fault alarm, Load control.

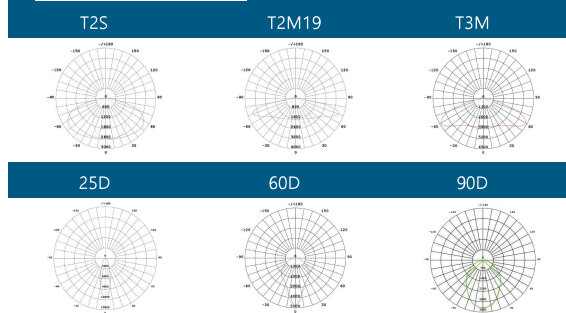
360° DM IP68 LED Module 20W-60W

Street lighting / Area lighting Application

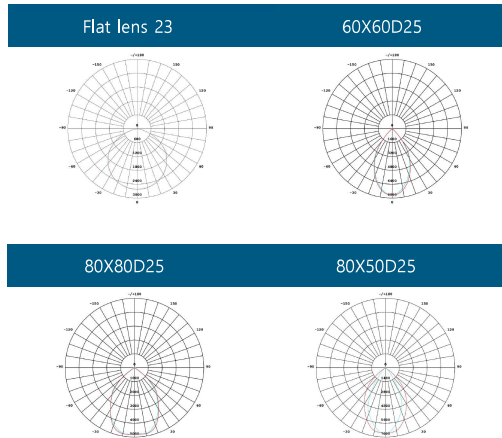
- Lumen efficiency up 175lm/w @4000K Ra>80
- Optional :Warm with 3000K or neutral white 4000K LED Module
- Optional Beam Angle
- Optional Anti UV Clear or Opal PC diffuser or external diffuse protector for enhanced visual comfort
- Dimming Control: DALI, 0-10V , Zigbee Wireless



Lighting distributions of LED Module -Lens type 24pcs LEDs

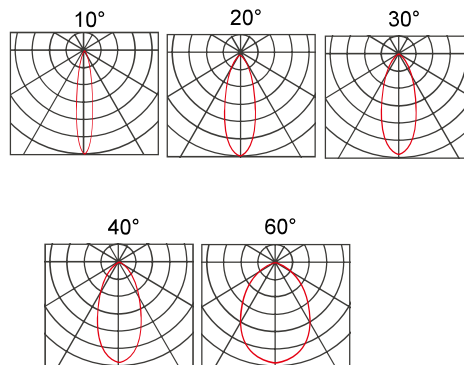


Lighting distributions of LED Module -Reflector type 24pcs LEDs



DM Spot Light Module Integrated 10W-20W

- Lumen efficiency up 100lm/w @4000K Ra>80
- Optional :Warm with 3000K or neutral white 4000K LED Module
- Dimming Control: DALI, 0-10V , Zigbee Wireless



SPEAKER Modular

Professional system for public service announcements, warnings and music

- Frequency range: 85 - 18,000Hz
- Full range speaker with dual cone
- Perfect sound - up to 30W power output
- Weatherproof / adapted to indoor and outdoor applications
- Optional Digital connected network speaker with Protocol



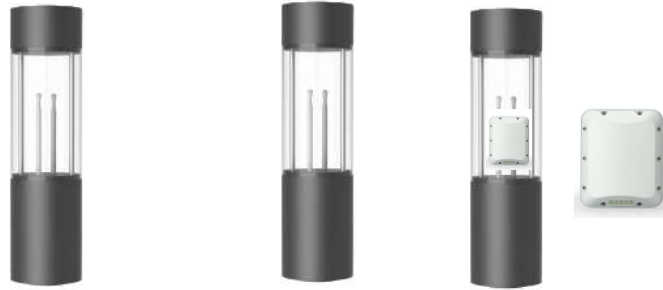
	Analogue speaker (DMTAS@8041)	Analogue speaker (DMTAS@8042)	Digital speaker (DMTAS@304)	Digital speaker (DMTDS@604)
Frequency range	140 - 15,000Hz	140 – 15,000 Hz	85 - 18000Hz	85 – 18,000 Hz
Audio Sensitivity level	87dB	89dB	95dB	95dB
Normal Power rating	10W	20W	30W	30W
Ethernet connection	No	No	Yes	Yes
Internal amplifier	No	No	Yes	Yes

CCTV Modular

- Excellent low-light performance with Powered-by-Dark Fighter technology
- Empowered by deep learning algorithms, brings human and vehicle targets classification alarms to front- and back-end devices. The system focuses on human and vehicle targets, vastly improving alarm efficiency and effectiveness.



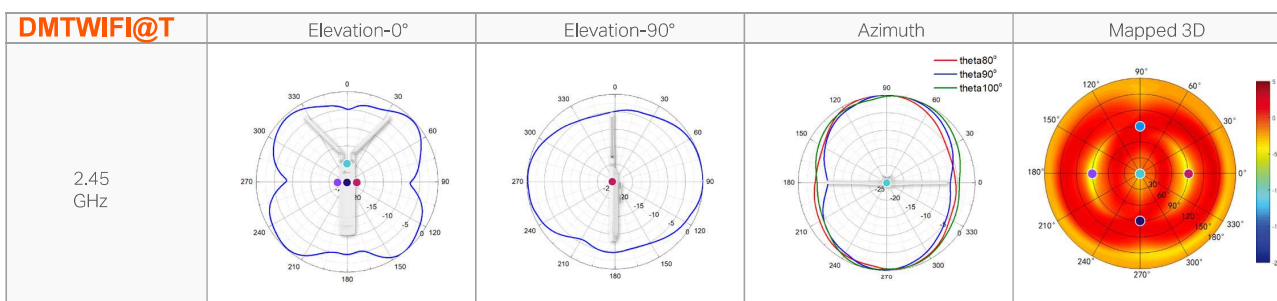
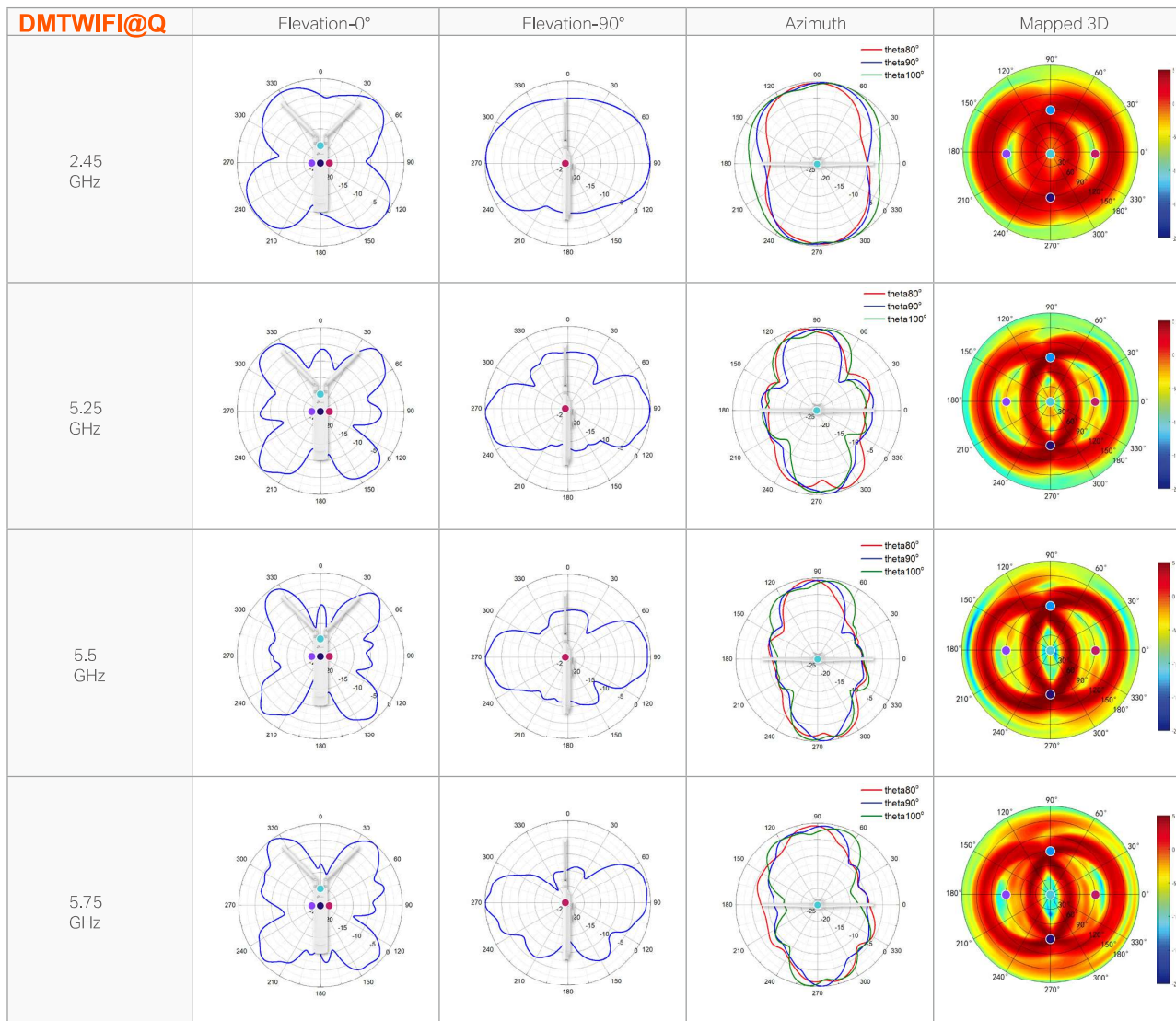
	Camera with or without extra PC protector (DMT-2CD2183G0)	Camera with or without extra PC protector (DMT-DS-2DE3C210IX)	Camera (DMT-DS-2DE3C210IX2)
Image Sensor	1/2.5" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Max. Resolution	3840 × 2160 (8MP)	1920 × 1080(2MP)	1920 × 1080(2MP)
FOV Field of view Max	Horizontal: 102° Vertical: 53°	Horizontal: 108° Vertical: 56.4°	Horizontal: 108° Vertical: 56.4°
IR	Up to 30 m	up to 50 m	up to 50 m
Power consumption	9W	24W	24W
Camera Adjustment	3-Axis Pan: 0° to 355°, Tilt: 0° to 75°, Rotate: 0° to 355°	PTZ Movement Range (Pan) 355° Movement Range (Tilt) 0° to 90	PTZ Movement Range (Pan) 355° Movement Range (Tilt) 0° to 90
Zoom	Fixed	10x optical, 16x digital	10x optical, 16x digital
Video Bit Rate	32 Kbps to 16 Mbps		
Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS, WebSocket, WebSockets		
Protection	IP67 / IK10	IP66	IP66
Smart Feature	Yes	Yes	Yes



Professional and secure wireless network

Software Defined Networking (SDN) platform integrates network devices, including access points, switches and gateways, providing 100% centralized cloud management creates a highly scalable network—all controlled from a single interface.

WiFi Model Part No.	DMTWIFI@Q	DMTWIFI@T	DMTWIFI@MAX
Speed / Standard	2.4 GHz: 300Mbps 5 GHz: 867Mbps IEEE 802.11 b/g/n/ac	2.4 GHz: 300Mbps	2.4GHz: 574 Mbps 5GHz: 1200 Mbps IEEE 802.11a/b/g/n/ac/ax
Ethernet Port	1x Gigabit Ethernet Port	1 x 10/100 Mbps Ethernet Port	1x Gigabit Ethernet Port
Maximum Power Consumption	10.5W	3.1 W	18W
Mesh	YES	YES	Yes
Powered by PoE	YES	YES	YES
Multiple SSIDs	16 (8 for each band)	8	31
Client capacity	220 per AP	100 per AP	Up to 512 Per AP



GALOIS-SMART POLE

20W-70W

DIMON
TECHNOLOGY

Technical Data

Selectable Smart Devices Accessories

可選智能設備配件

Accesorios de dispositivos inteligentes seleccionables

- Meteorological Sensor :Humidity, air pressure, wind speed, wind direction, temperature, DB, PM2.5
- Daylight sensor
- Wireless 2.4G/5G communication network for smart city applications
- CCTV
- SPEAKER
- Wifi
- Intelligent Controller / Processor-2.4 GHz signal like : Rola wireless / Zigbee wireless and so on
- Solar PV Module
- EV Professional charging station

Power Consumption with LED Driver LED燈具包括LED驅動電源功率 Consumo de energía con controlador de LED	20W 30W 40W 50W 60W 70W
Input Voltage / 輸入電壓/Voltaje de entrada	220 ~ 240VAC (50~60HZ)
Control Protocol/控制協議 Protocolo de Control	<ul style="list-style-type: none"> • SW: ON/OFF Switch Driver • DA: Dali Dimming Driver • MS: Motion Sensor AN: 1-10V Dimming Driver ZI: ZIGBEE Wireless Control DS: Daylight Sensor
Power Factor / 功率因數/Factor de potencia	PF>0.95
Total Harmonic Distortion/總諧波失/Distorsión armónica total	THD<20%
Protection Against Surgers/防護措施/PROTECCIÓN CONTRA LAS PROMOCIONES:	Up to 20KV.
Light Source Brand-光源品牌-Fuente de luz de marca	LUMINUS
"Lumen Maintenance LM-80 Reported by TM-21"	L70 > 55,000 Hours
LED Life-LED壽命-La vida del LED	>100,000 hours
Color Temperature 色溫 Temperatura y color	2700K / 3000K / 4000K/ 5000K/ 6500K
Color Rendering Index-顯色指數 Índice de reproducción cromática	>80
MacAdam Ellipses Binning 麥克亞當橢圓分級 Mac Adam binning elipse	Standard Deviation Colour Matching 3 SCDM標準偏差配色 3 SCDM Coincidencia de color estándar Desviación
Beam Angle光束角ángulo de haz	Lens Type • Symmetric 25D 60D 90D • Asymmetric T2S T2M19 T3M Reflector Type • Symmetric Flat Lens 25 60X60D25 80X80D25 80X50D25
Luminaire Efficacy燈具效率 La eficacia de la luminaria	120lm/w(2700K) 120lm/w(3000K) 125lm/w(4000K) 130lm/w(5000K) 130lm/w(6500K)
LED Module Luminous Efficacy LED光源模組光效 Fuente luminosa LED Eficacia	150lm/w(2700K) 150lm/w(3000K) 155lm/w(4000K) 160lm/w(5000K) 160lm/w(6500K)
Housing materials 外殼材料 Materiales de la carcasa	Die-cast aluminum Lighting Luminaire with Transparent or Opal Anti-UV Polycarbonate diffuser , Metal column (Comply EN40) with Polyester Powders Coating. 帶透明或乳白抗紫外線PC罩和壓鑄鋁燈頭，金屬燈杆表面粉末噴塗（燈杆符合EN40標準） Luminaria de iluminación de aluminio fundido a presión con difusor de Policarbonato Anti-UV Transparente u Opal, Columna Metálica (Cumple EN40) con Recubrimiento de Polvos de Poliéster.
Housing Color 外殼顏色 color de la carcasa	White RAL 9003 / Black RAL 9005 / Gray RAL9006 / Dark Grey RAL 9023 RAL 9003 / 黑 RAL 9005 / 灰色 RAL9006 / 深灰 RAL 9023 arena RAL 9003 / Negro RAL 9005 / Gris RAL9006 / Gris oscuro RAL 9023
Ingress Protection-防護等級 Protección de ingreso	IP66
Mech impact protection機械衝擊保護 Protección contra impactos mecánicos	IK08
Operating Temperature Range / 工作溫度範圍 Rango de temperatura de funcionamiento	-30 °C / +50 °C
Operating Humidity -工作濕度 Humedad de funcionamiento	0~90%, non-condensing-不結霜 sin condensación
Dimension 尺寸 Dimensión	Refer to Drawing
Certificate Standard Complied 符合安規標準 estándar certificado de cumplimiento	LED Luminaries: IEC/EN 60598-1 ; IEC/EN 60598-2-3; IEC TR 62778; IEC 62031 LED Driver: IEC 61347-1; IEC 61347-2-13; EN 55015; IEC 61000-3-2; IEC 61000-3-3; IEC 61547; EN 62384

Certification-認證-Certificación



Project	Fixture#	Date
		Firm

Ordering Information

Choose the option that suits your need and write its corresponding code on the appropriate line to form the product code.

Example product code: [GALOIS-60W](#)

GALOIS

- _____
POWER
CONSUMPTION

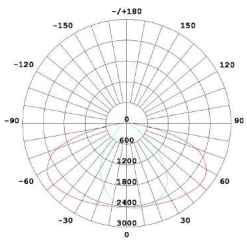
POWER CONSUMPTION	
Code	Description
20W	20W
30W	30W
40W	40W
50W	50W
60W	60W

Standard Version

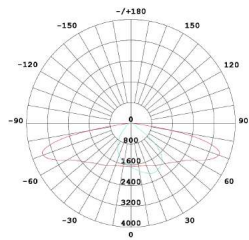


Beam Angle

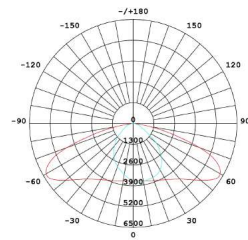
T2S



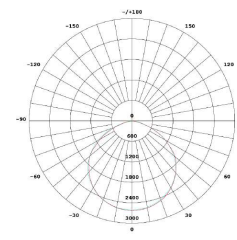
T2M19



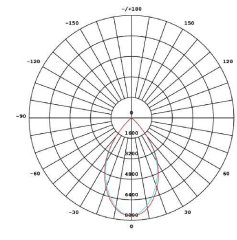
T3M



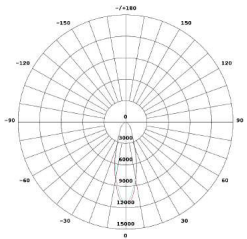
Flat lens 23



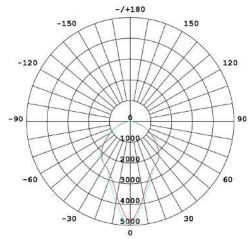
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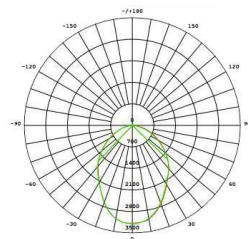
25D



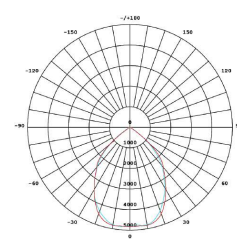
60D



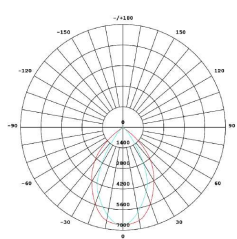
90D



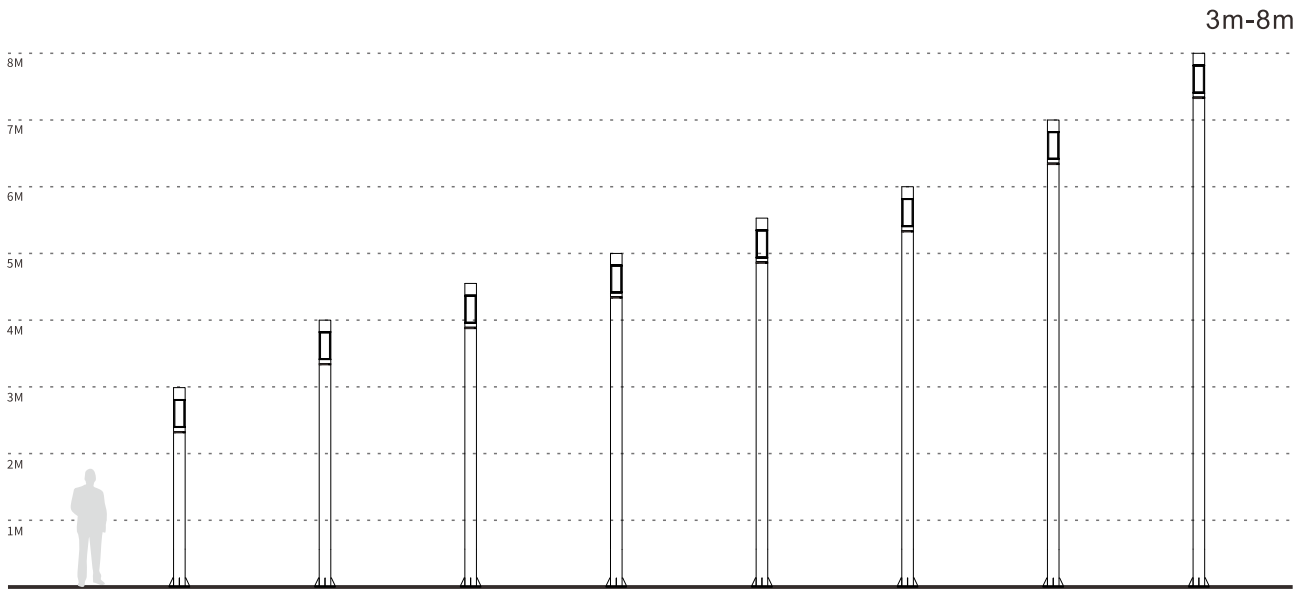
80X80D25



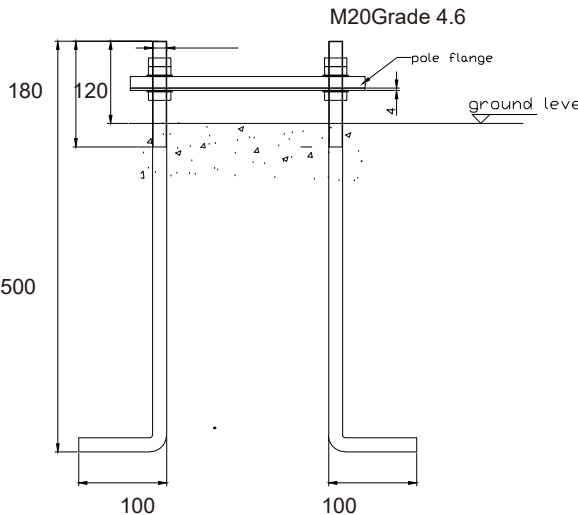
80X50D25



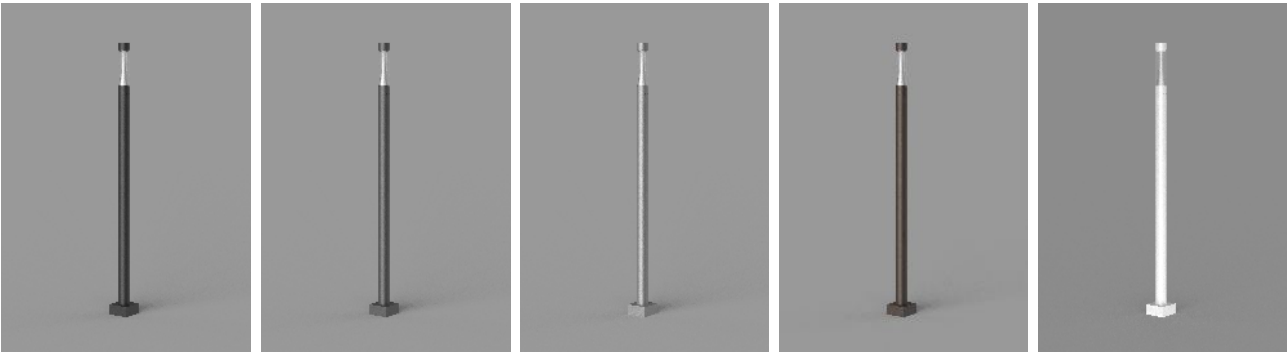
Technical Drawing



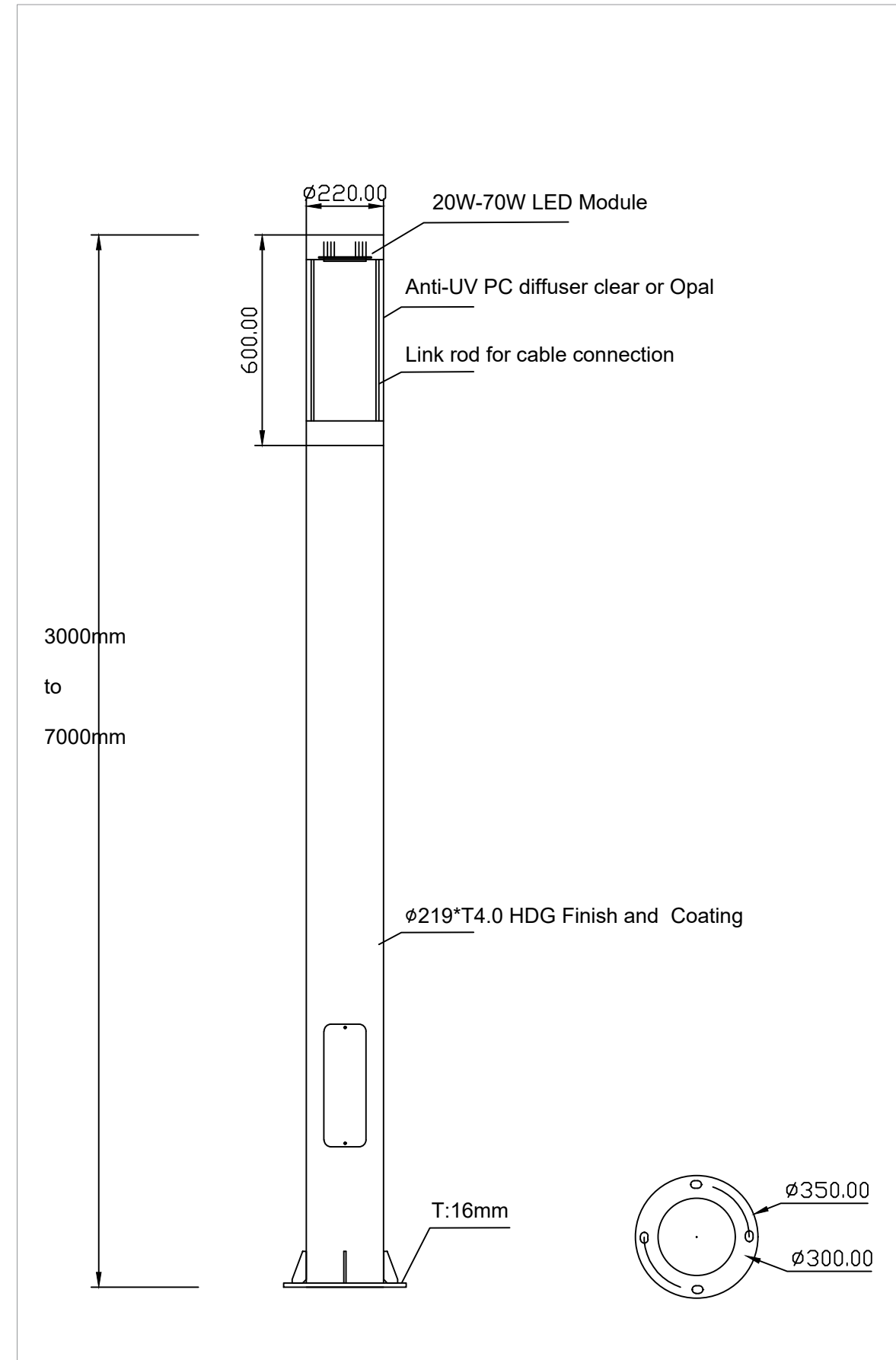
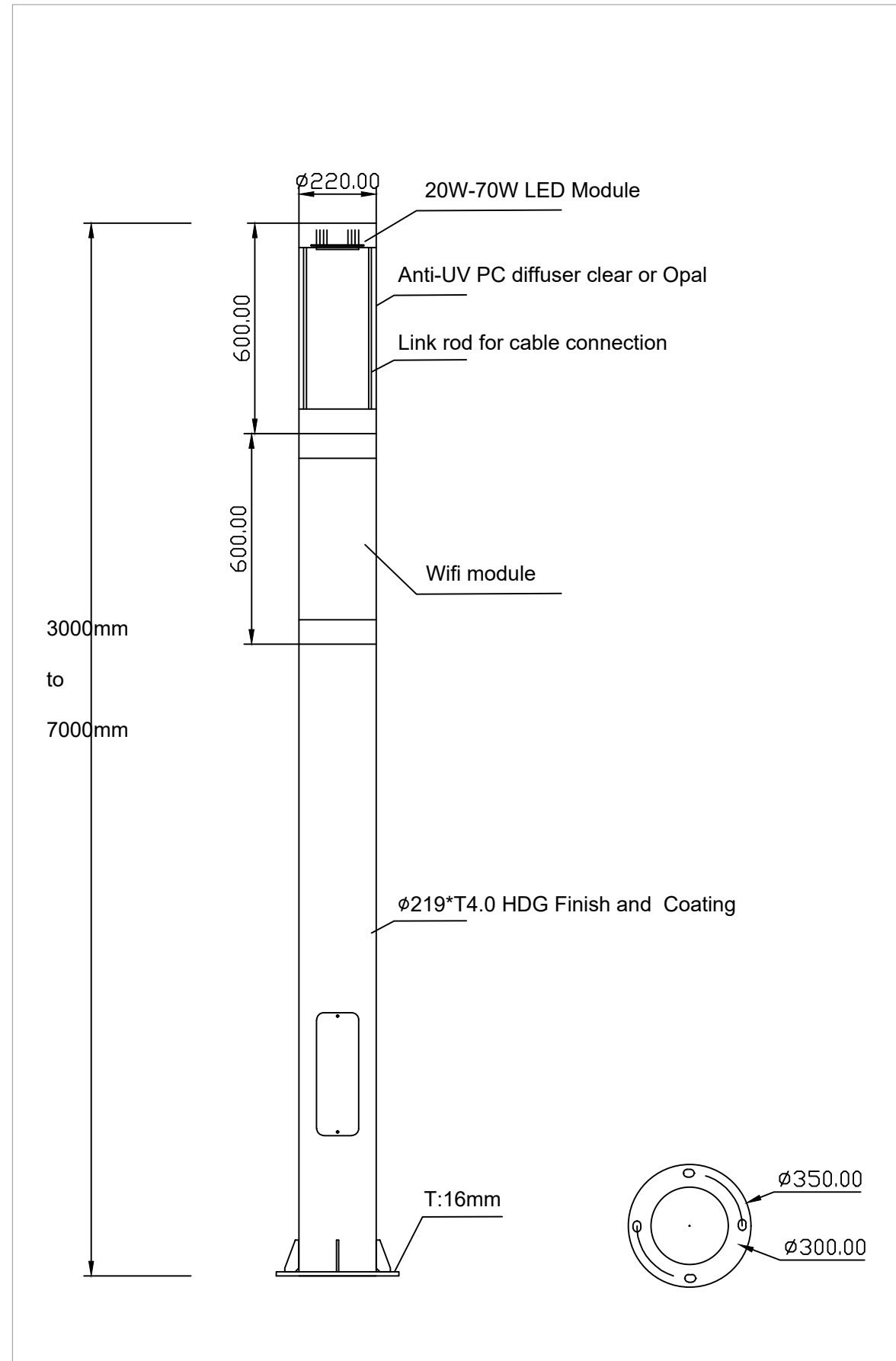
Anchor Bolt: GALOIS-ABM20



White RAL 9003 / Black RAL 9005 / Gray RAL9006 / Dark Grey RAL 9023 and Custom-made



Unit: mm



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 E-mail:gary@dimontechnology.com

Job Title:

L01A & L01B

Drawing Name:

Technical Drawing

Drawing NO.: TD-001

Drawing Scale: AS SHDW

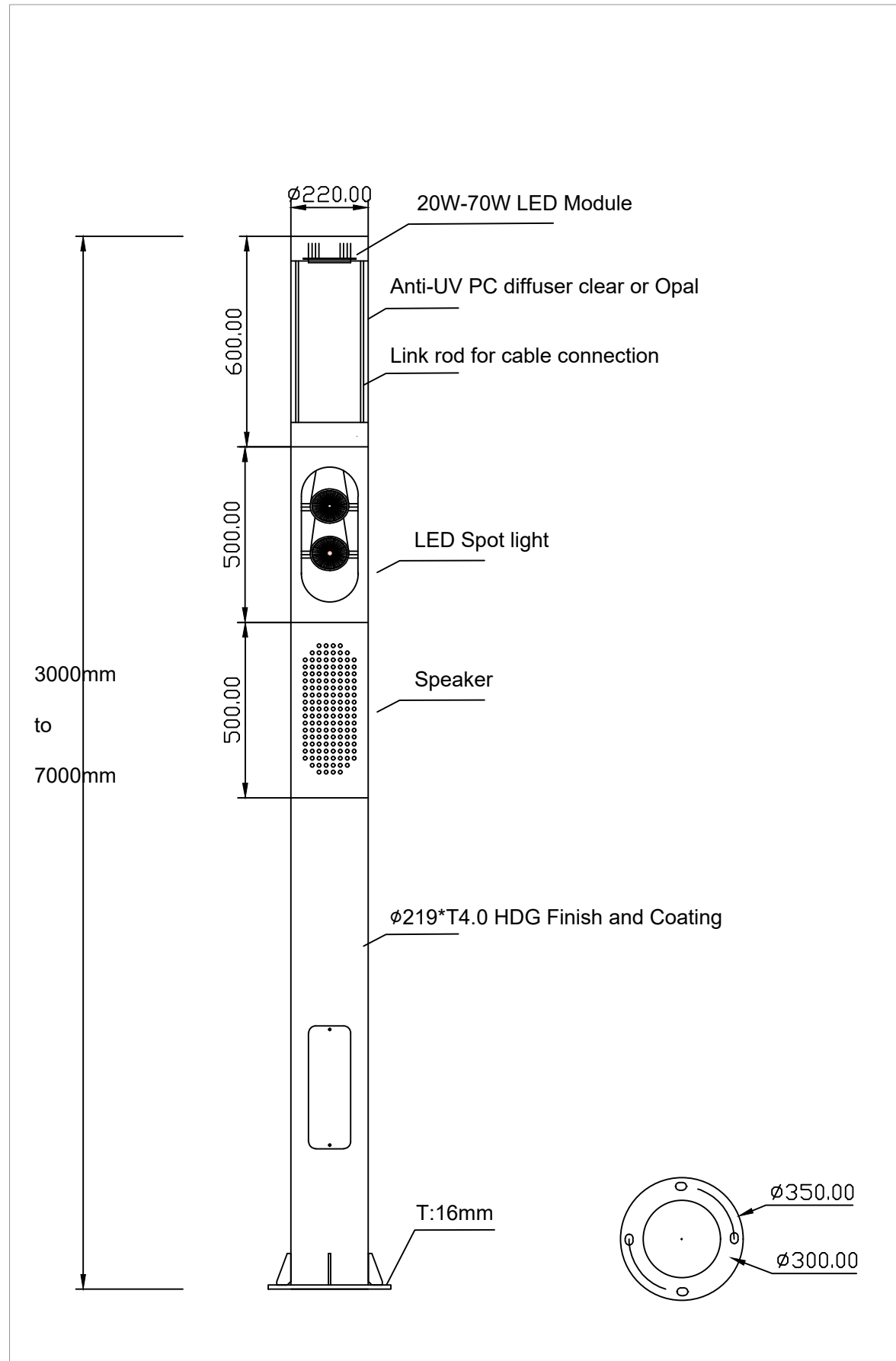
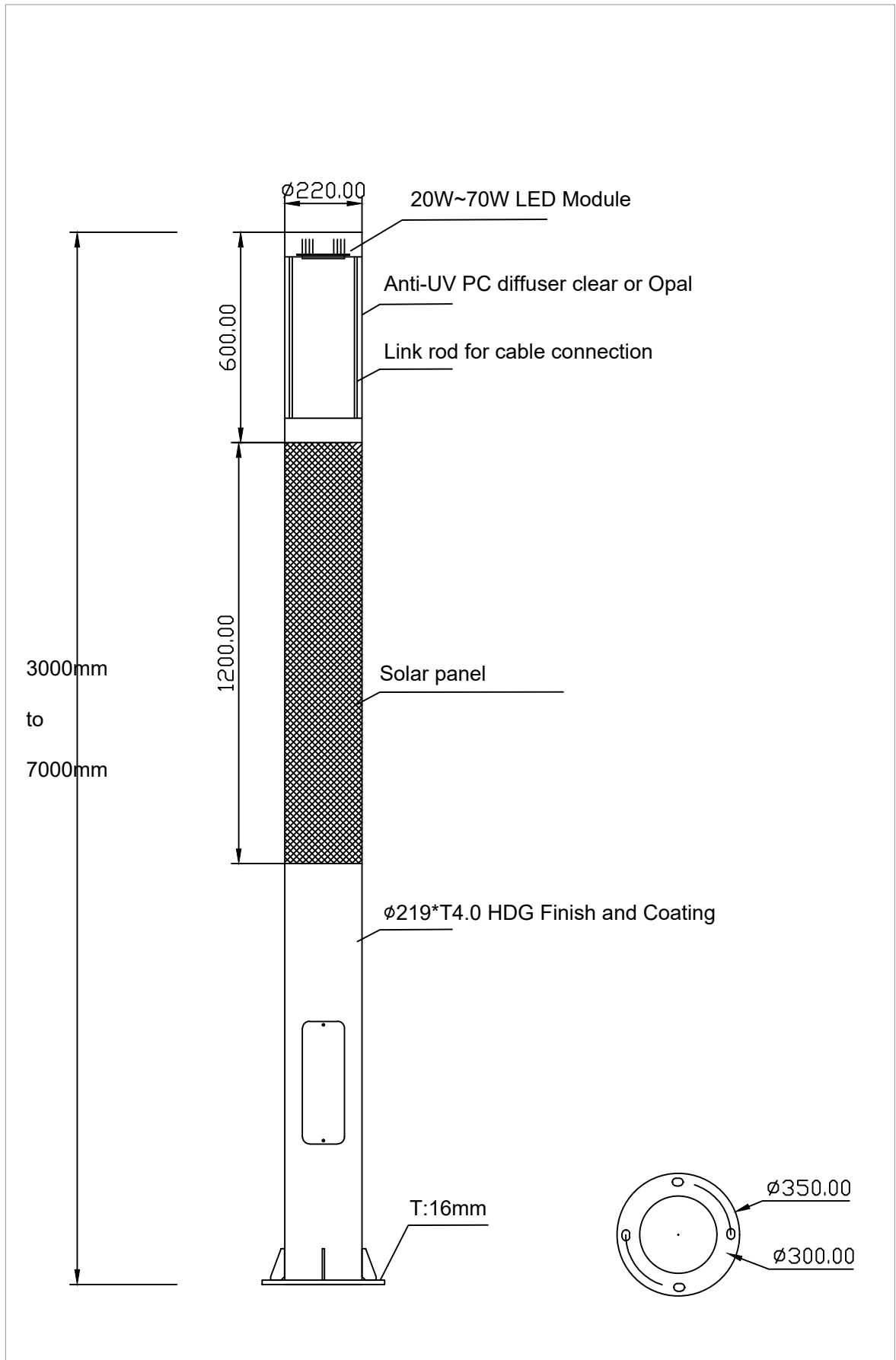
Drawing Date: 2022/10/27

Drawing: Joyi

Collate: Alave

Auditing: Denny

Drawing Version: V1



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Job Title:
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Drawing Name:
Technical Drawing

Drawing NO.: TD-001

Drawing Scale: AS SHDW

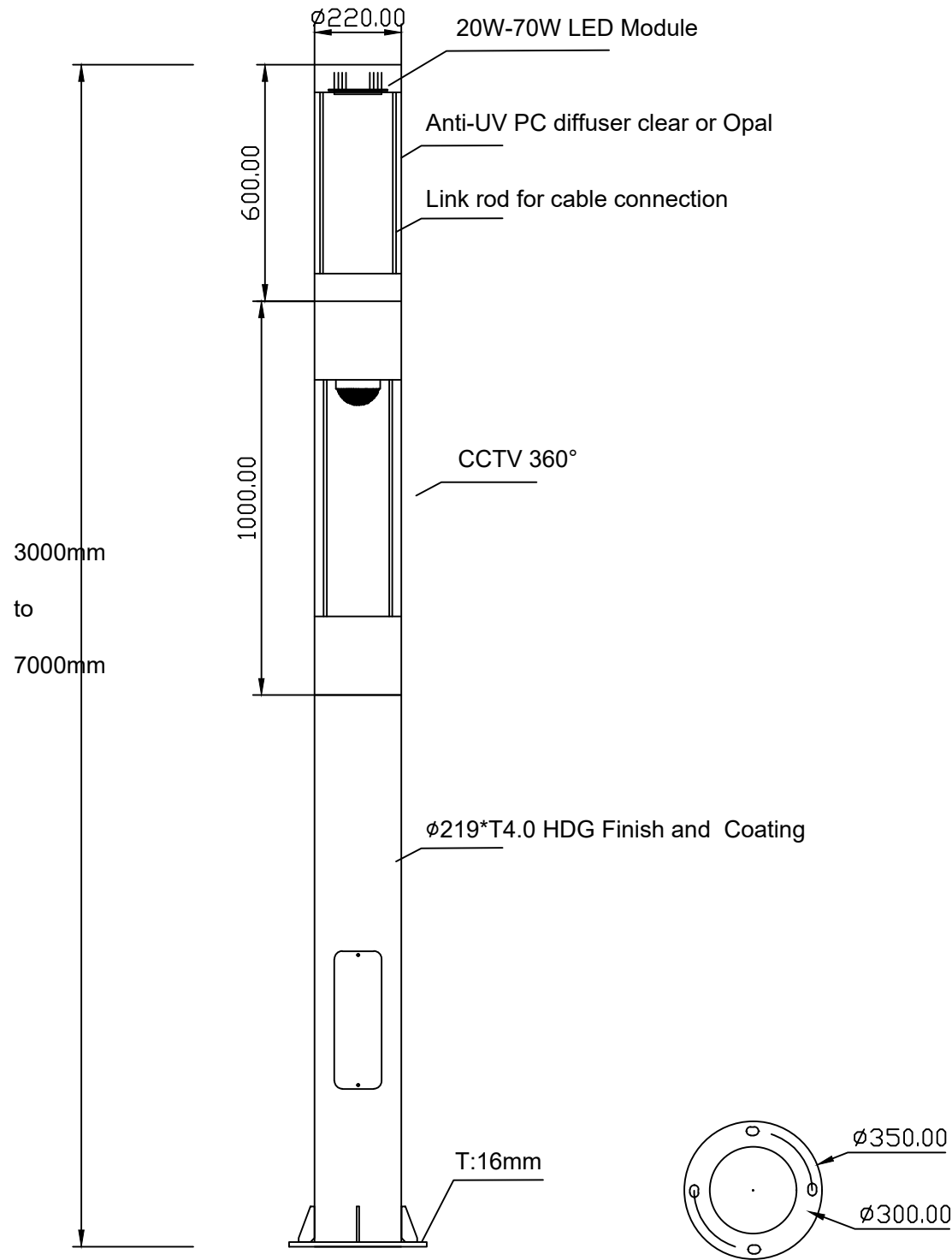
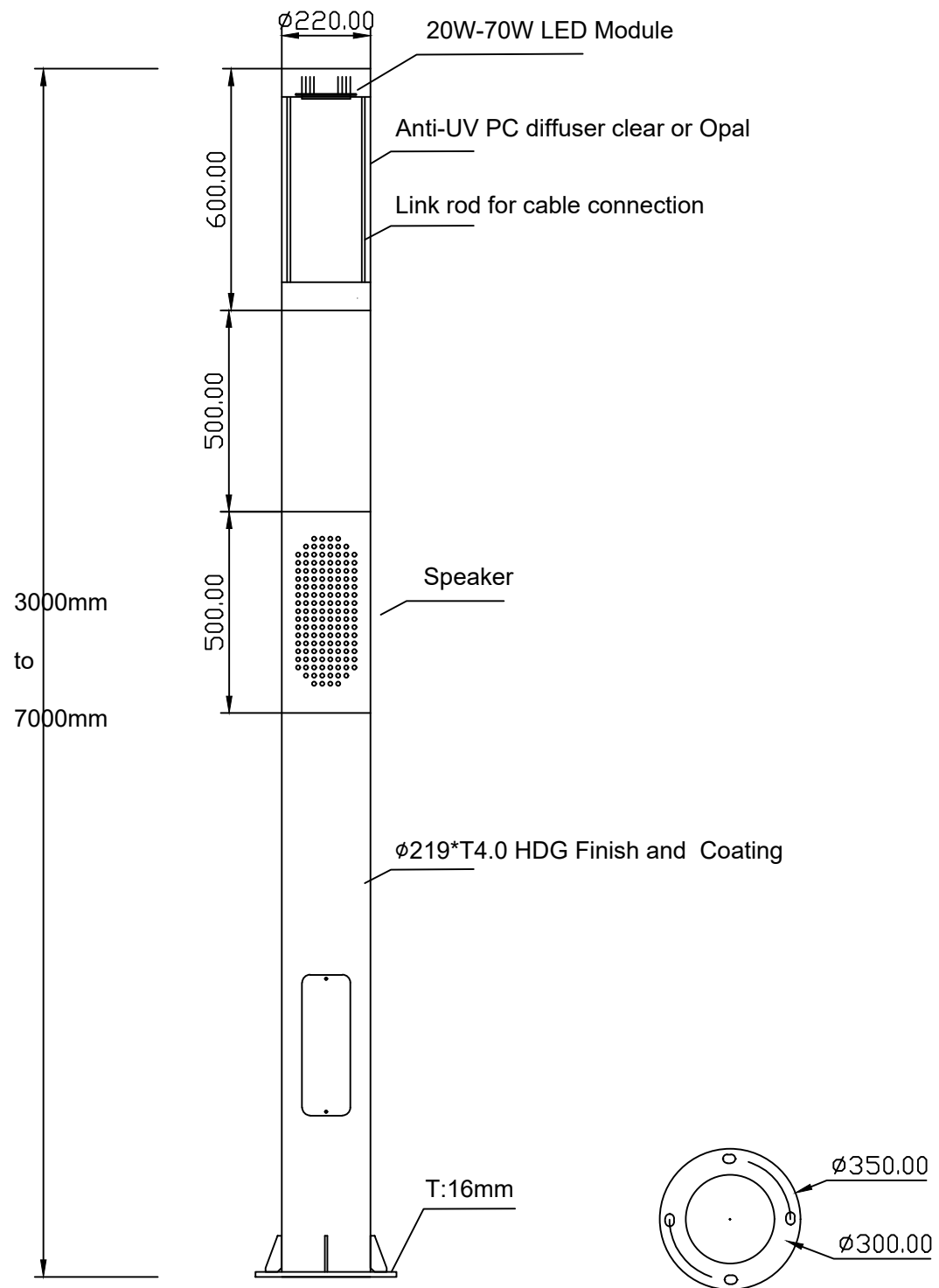
Drawing Date: 2022/10/27

Drawing: Joyi

Collate: Alove

Auditing: Denny

Drawing Version: V1



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Job Title:
L01C & L01D

Drawing Name:
Technical Drawing

Drawing NO.: TD-001

Drawing Scale: AS SHDW

Drawing Date: 2022/10/27

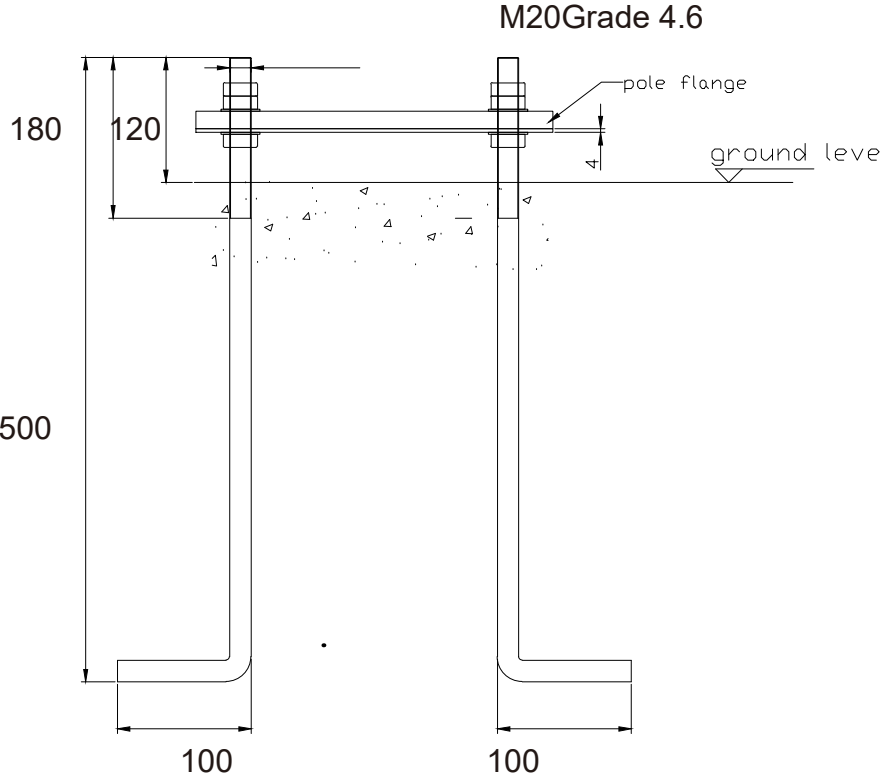
Drawing: Joyi

Collate: Alave

Auditing: Denny

Drawing Version: V1

Anchor Bolt: GALOIS-ABM20



Unit: mm