



<u>ISTREETS SPECIFICATION SHEET</u>	
FIXTURE TYPE:	IS.3
PART NAME:	Post Top Module (PTM)
DESCRIPTION:	The PTM is designed to be mounting on an existing pole. Initial design is for use with LED luminaires, but can be adapted to other light sources with some limitations. The PTM utilizes the Intellistreets Electronic Control Module (ECM). The ECM is a compact wireless device that provides a full set of lighting control, monitoring, and multimedia options for operation of LED luminaires. Core features include the ability to control lighting (includes patented energy management and LED Optimizing software), connect LED way-finding devices and DMX controlled lighting, connect audio devices for background music, message playback and paging capabilities, and input connections for a variety of environment sensing devices. A cloud based web interface and content storage system are standard allowing a secure yet robust portal for accessing all the features of the system. Secure access to the module is only available through the intelliStreets Virtual Command Center portal.
SPECIFICATION #:	NA
TRIM / HOUSING COLOR:	NA
VOLTAGE:	Universal
LISTING:	NA
MOUNTING SYSTEM:	Surface or Pole mounted
MODIFICATION / NOTES:	Specifications & dimensions are subject to change without notice
FIXTURE LOAD:	NA



Features & Benefits

Lighting Control and Alert:

- Ambient light sensing
- Power monitoring
- Secure patented wireless mesh communication
- Local maintenance LED status light
- RGBA synchronized LED wayfinding

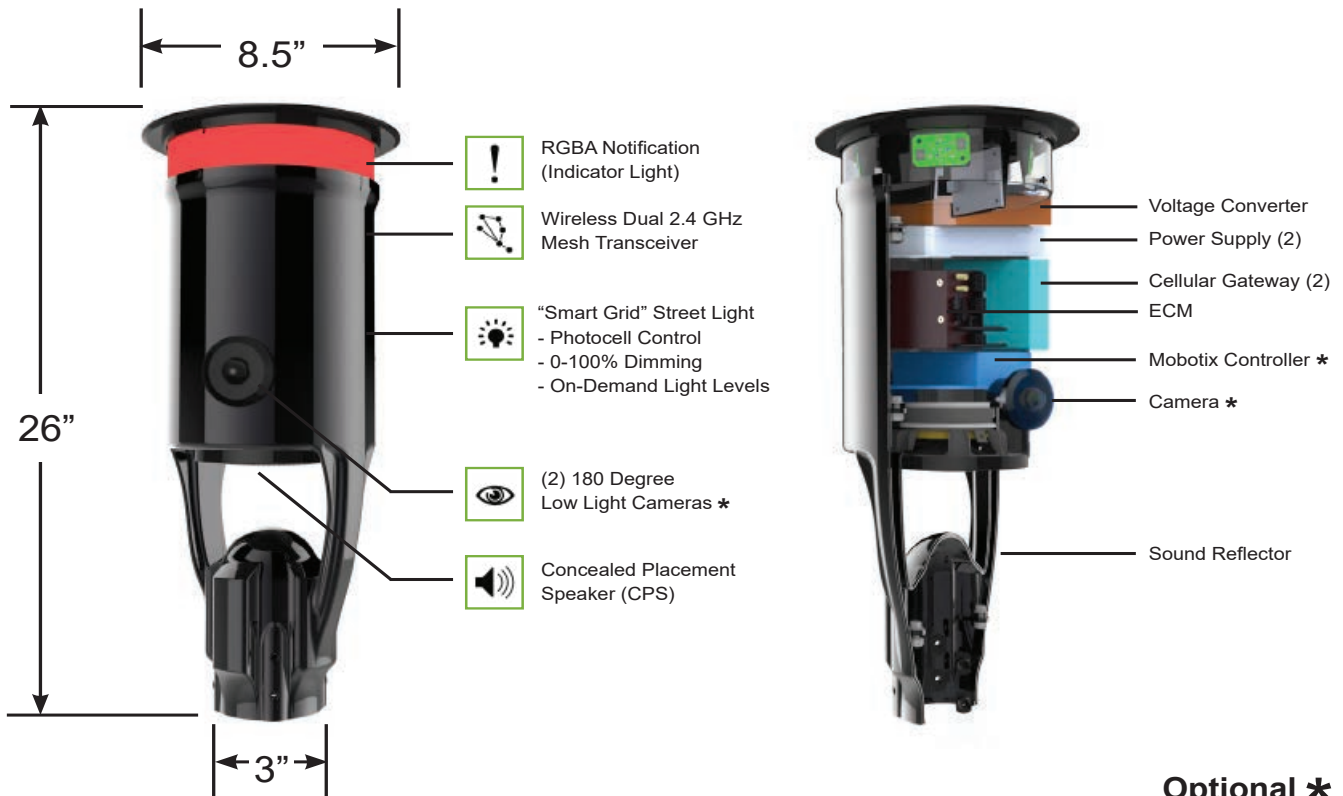
Audio/Visual:

- Phone paging - playback system
- Audio announcement record & playback
- (2)180 degree Low Light Cameras

Music Storage and Playback:

- Content management system
- Play list creation
- Pre-recorded audio message
- Insertion system
- Cloud-to-site content delivery monitoring
- 8 GB storage space

Post Top Module (PTM)



Optional *



Post Top Module (PTM) - Product Data

<p><u>Storage Conditions</u></p> <ul style="list-style-type: none"> - Temperature min. / max. - Relative humidity min. / max 	<p>-40F (-40C) / 185F (85C) 5% / 95% RH</p>
<p><u>Operating Conditions</u></p> <ul style="list-style-type: none"> - Ambient temperature min. / max. - Relative humidity min. / max 	<p>-40F (-40C) / 185F (85C) 10% / 90% RH (no condensing)</p>
<p><u>Mains Power Connection</u></p> <ul style="list-style-type: none"> - Operational voltage - Frequency 	<p>90-277 VAC ± 10% (auto sensing) 50/60 Hz ± 5%</p>
<p><u>ECM Power Connections</u></p> <ul style="list-style-type: none"> - Operational voltage 	<p>24 VDC ± 10%</p>
<p><u>Dimming Specification</u></p> <ul style="list-style-type: none"> - Dimming Range - Relay 	<p>0-10v & PWM 1 Power Relay 24 VDC Closure for optional relay (receptacle flood light up to ZOA)</p>
<p><u>Sensor Connections</u></p> <ul style="list-style-type: none"> - Protocol - Standard Unit includes 	<p>RS-485 & RS-422 Ambient light LED light intensity Power monitoring LED junction temperature</p>
<p><u>ECM Housing (Fully potted)</u></p> <ul style="list-style-type: none"> - Dimensions (H x W x Long.) - Weight - Material - Color - Flammability - Fixation 	<p>39mm x 97mm x 67mm 1.3 lbs (0.589 Kg) 50-3152 Epoxy Resin BLACK UL94-V2 (4) 10-32 Pem Fasteners</p>
<p><u>Energy Management</u></p> <ul style="list-style-type: none"> - Report Format, output format - Available data points - Web based access/reports 	<p>PDF, HTML Power utilization study, current temp, history, hrs of use Yes</p>
<p><u>Wireless Communication - Luminaire Installed Modules</u></p> <ul style="list-style-type: none"> - Range from gateway node to first fixture - Environmental requirements for gateway node - Power requirements/ UPS specification - Frequency and band width used for both channels - Security encryption strength/protocol for mesh - FCC/regulatory compliance 	<p>1000' Line of Sight -40C to +85C 90-277 VAC 5 - 45 Watts Max 2.4 GHz ISM Frequency Band Hardware Based 128 Bit AES (256 Bit optional) Compliant with FCC Part 15 rules, IC Canada RSS 210e, ETSI ETS 300-328 and Japan ARIB STD-T66</p>
<p><u>(2) Concealed Antennas</u></p> <ul style="list-style-type: none"> - Antenna System (Dual Radio) 	<p>5.5 dBi ISM Frequency Band</p>



Post Top Module (PTM) - Arm Mount on Pole / Wall



Post Top Module (PTM) - Pole Top Mount





Post Top Module (PTM) - Arm Mount on Pole

