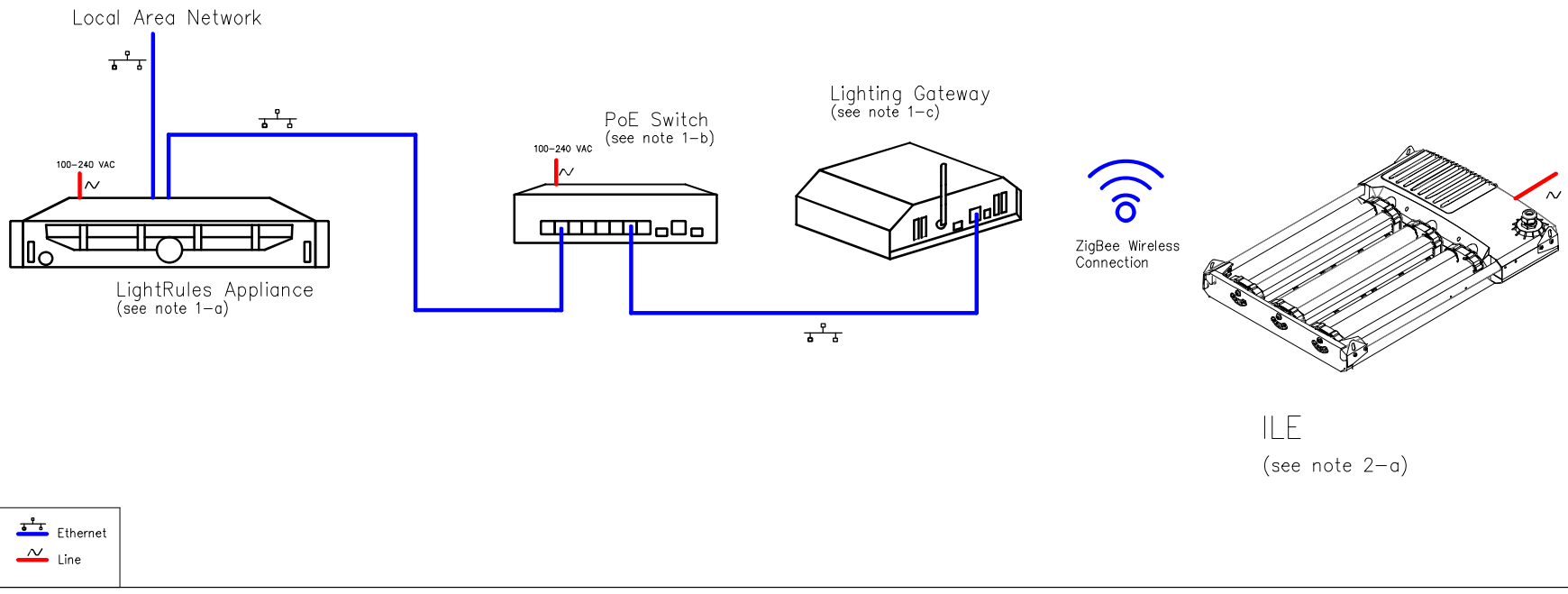

Ethernet
Line

1–a Light Rules Appliance (LRA)
The LRA hosts the software engine, serves the web application, and manages the dedicated LightRules network. LRA has two Network Interface Cards (NICs). One NIC connects LRA to the LightRules Network, one NIC connects LRA to the Facility Network.
LightRules Appliance available as 1U Rack Mount or Tower. Based on number of system nodes.
100–240 VAC input voltage

1–b PoE Switch
Power over Ethernet switches and Ethernet cables connect the Appliance to the Gateways. PoE switches also supply electrical power to the Gateways. Note that LightRules is compatible with non–PoE Ethernet switches, if PoE functionality is not desired.
100–240 VAC input voltage

1–c LightRules Network Gateways
Gateways create a network bridge between the Ethernet components in the LightRules network infrastructure and the fixtures. Each Gateway manages communications for up to 50 fixtures or DLA nodes within RF range.
Powered over ethernet via PoE switch
Optional power source 12–48 VDC Input

2–a ILE– High Bay LED Fixture
Wireless connection to LightRules Network Gateways
See spec sheets for input voltages, output optics, color and CRI options

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ILE SINGLE LINE DIAGRAM

08/07/2014
DATE

DRAWING NO: DL-SLD-ILE
DRAWN BY: SDM
SHEET TITLE:
SINGLE LINE DIAGRAM

SHEET 1 OF 1

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