




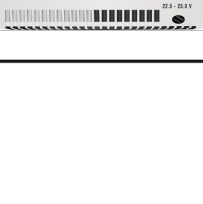
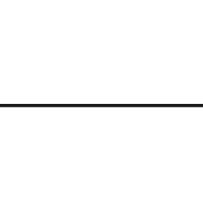




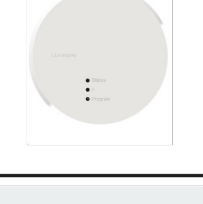








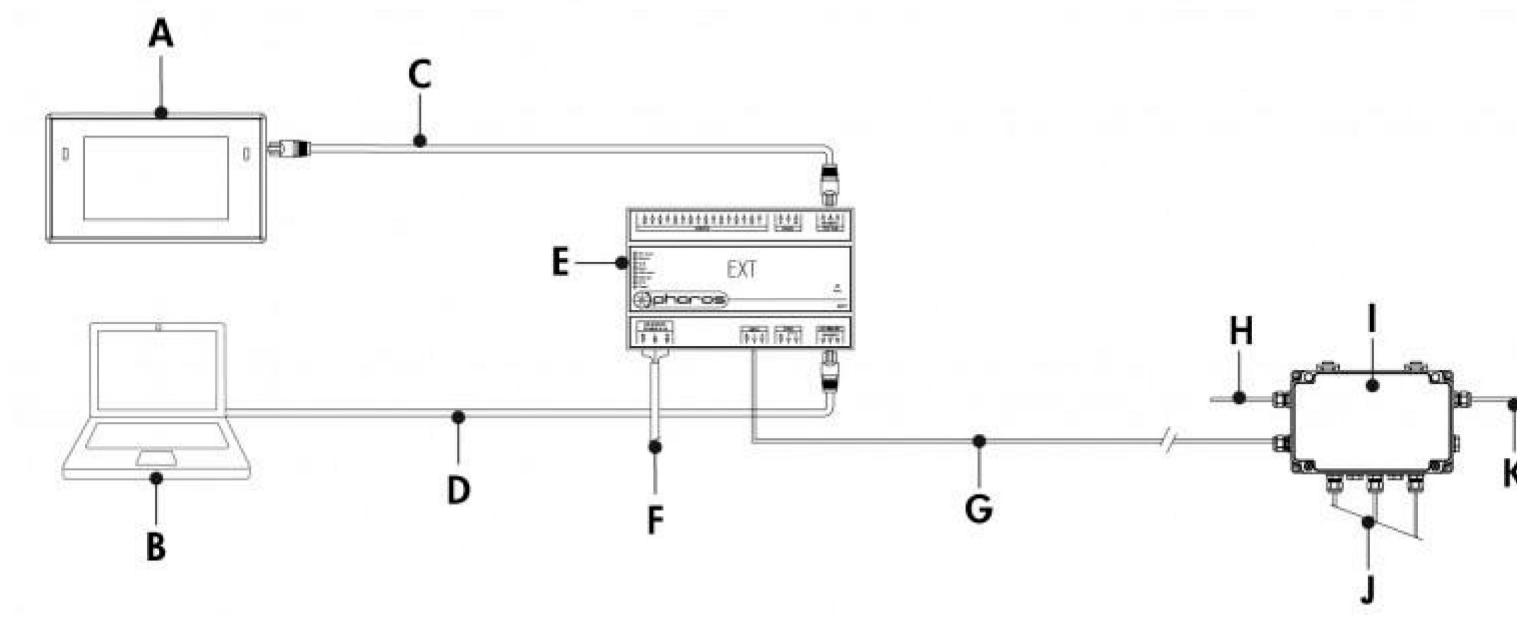
Bill of Materials					
OS	Sensors		LOS-CDT-2000-WH	Ceiling Mount Dual Technology Self Adaptive Occupancy Sensor 2000 sq.ft.	48
			LOS-WDT-WH	Wall Mount Dual Technology Self Adaptive Occupancy Sensor 1600 sq.ft.	7
NWK	Interfaces		QSE-CI-NWK-E	QS Ethernet & RS232 Control Interface	5
			QSE-IO	QS Contact Closure Input/Output Control Interface	2
DIN	Power Supplies		GRX-12VDC	12 V DC Plug-in Class 2 Transformer	2
			QSPS-DH-1-75	DIN Rail Power Supply can supply up to 75 PDUs on a QS link.	3
/ and es	Accessories		QSGFP-WH-G	GRAFIK Eye faceplate kit.	4
			LSC-OS-SU-A-SA	Onsite Athena Startup by a Lutron Services Company representative for this system after Lutron equipment is installed. Equipment installation is verified and the system is programmed and tested during this visit to comply with the approved sequence of operations. Unless noted on BOM, a separate	1

Bill of Materials					
HUB	Athena Panels/ Gateway		QP5-2L-POE	Athena 2-Link Processor Panel with integral POE switch	2
QSN _{DAL}	ESN Panels		QSN-2DAL-S-CPN6916	Energi Savr Node DALI 2 Loop All quotes of this product must be approved prior to a quote being generated.	2
			QSN-4T20-S	Energi Savr Node 0-10 V and Softswitch	21
QSM	QSMs		QSM2-4W-C	QS Sensor Module wired and wireless inputs	15
DS _{OT} DS _{3P} DS _{5B}	Controls		Q-TOUCH5-WH	Athena 5" Touchscreen - White	2
			QSGRJ-3P	GRAFIK Eye QS Wireless 3 zone	4
			QWS2-5BRLLI-WH-G	seeTouch QS Insert 5 Button with Raise/Lower	21
PS	Sensors		GRX-IRPS-WH	GRAFIK Eye Ceiling Mount Partition Sensors (Infrared Transmitter/Receiver Pair)	6

Loop Schedule									
 Floor 2 AREA A\E203\327 Elect.\ESN DALI 2									
DALI Link 1 (3 of 16 zones) (61 of 64 drivers)									
Area	Zone	Voltage	Load Type	Emergency	Interface (Count)	Fixture	Ballast Count	Fixture Quantity	
Floor 2 AREA B\E204\354 Conference 1	a	277 V	LED DALI	No	-	D1 (DL)	22	22	
Floor 2 AREA B\E204\355 Conference 2	a	277 V	LED DALI	No	-	D1 (DL)	17	17	
Floor 2 AREA B\E204\356 Conference 3	a	277 V	LED DALI	No	-	D1 (DL)	22	22	

Loop Schedule									
 Floor 2 AREA A\E203\327 Elect.\ESN DALI 1									
DALI Link 1 (3 of 16 zones) (62 of 64 drivers)									
Area	Zone	Voltage	Load Type	Emergency	Interface (Count)	Fixture	Ballast Count	Fixture Quantity	
Floor 2 AREA A\E203\358 Conference 4	a	277 V	LED DALI	No	-	D1 (DL)	22	22	
Floor 2 AREA A\E203\359 Conference 5	a	277 V	LED DALI	No	-	D1 (DL)	18	18	
Floor 2 AREA A\E203\360 Conference 6	a	277 V	LED DALI	No	-	D1 (DL)	22	22	
DALI Link 2 (1 of 16 zones) (54 of 64 drivers)									
Area	Zone	Voltage	Load Type	Emergency	Interface (Count)	Fixture	Ballast Count	Fixture Quantity	
Floor 2 AREA B\E204\357 Large Conference	a	277 V	LED DALI	No	-	D1 (DL)	54	54	

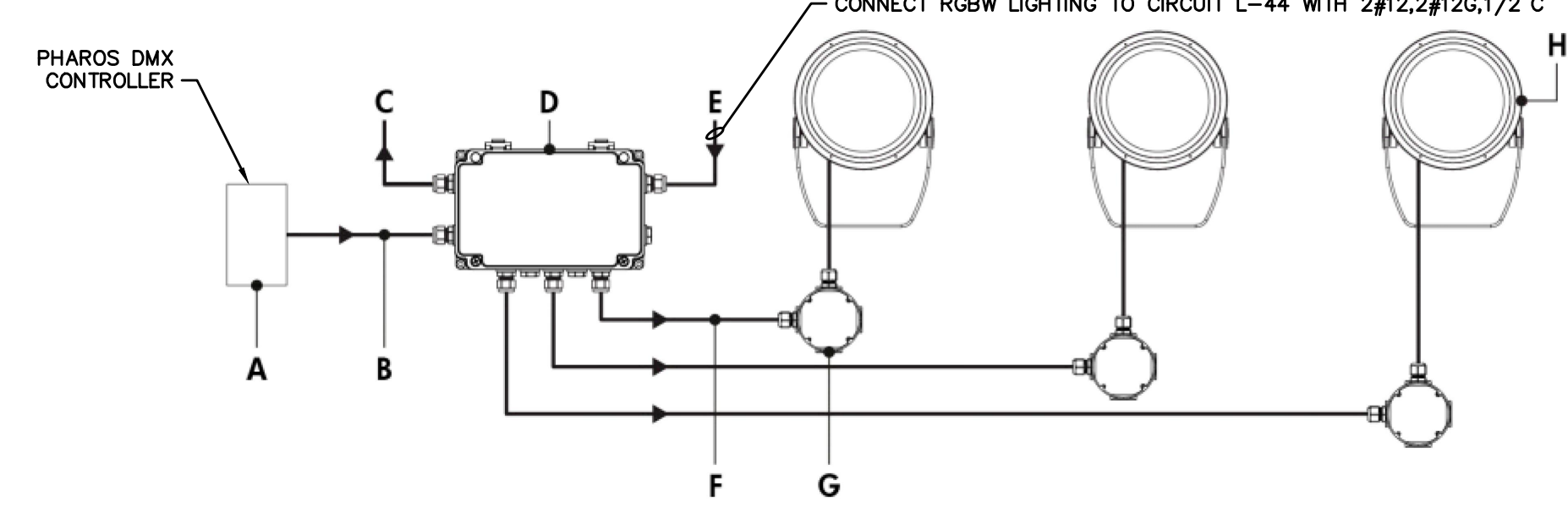
1 DMX universe kit



- TPC** A - TPC
- B - Computer
- C - 50 ft Cat5e patch cable
- D - Cat5e patch cable (by others)
- DMX** E - EXT
- F - Power input
- G - Data input (Belden 9841 or equivalent, by others)
- H - Data output to next CBX (optional, not isolated/not boosted)
- I - CBX (order separately)
- J - Power and data output to fixture (wiring by others)
- CBX** K - Power input (100-277V)

1 LIGHTING CONTROL DETAIL FOR PHAROS (RGBW LIGHTING) DEVICES
NO SCALE

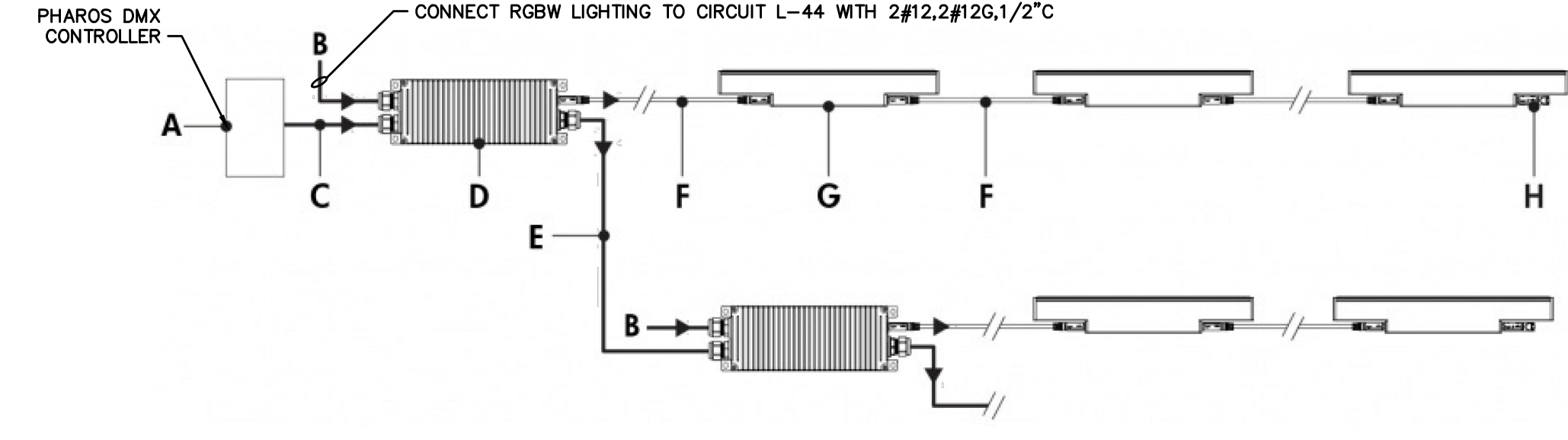
Star Layout (DMX/RDM)



- DMX** A - DMX/RDM controller (order separately from Lumenpulse, or by others)
- B - Data input (Belden 9841 or equivalent, by others)
- C - Data output to next CBX (optional, not isolated/not boosted)
- CBX** D - CBX-ST
- E - Power input (100-277V AC, wiring by others)
- F - Power and data output to fixture (wiring by others)
- G - Junction box (by others)
- H - Lumenbeam Large

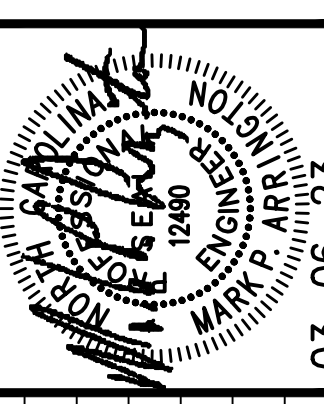
2 LIGHTING CONTROL DETAIL FOR LBL (RGBW LIGHTING) FIXTURES
NO SCALE

Continuous run - Daisy chain
LCBX 60W or 120W



- DMX** A - Controller (order separately from Lumenpulse, or by others)
- B - Power input (120-277V, wiring by others)
- C - Data input (wiring by others)
- LCBX** D - LCBX (60W or 120W)
- E - Data output to next LCBX (wiring by others)
- F - Jumper cable (LOGNJC)
- R4** G - Lumenfacade Nano
- H - Terminator cap

3 LIGHTING CONTROL DETAIL FOR LOGN (RGBW LIGHTING) FIXTURES
NO SCALE



JOB NUMBER	REVISION DATES
22-168	OH
	MPA
	03.06.23