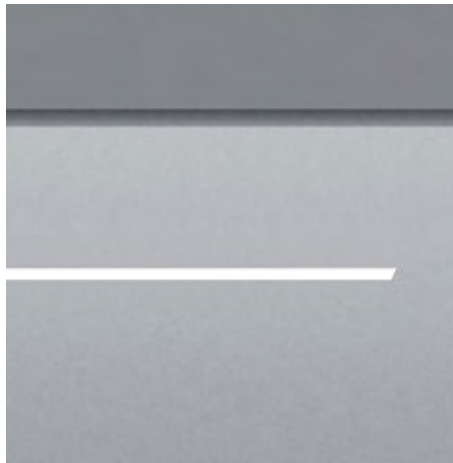# 20 Linear Plaster-in Submittal - Pattern 3 Sided with Outside Corners
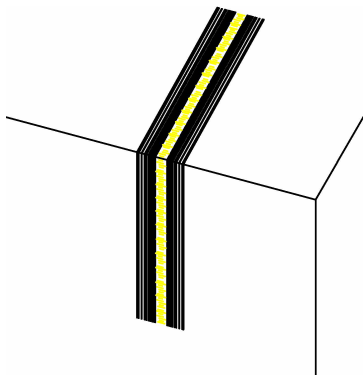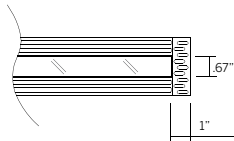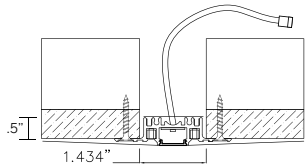
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Project Name: _____   SO # _____   PO # _____   :]l hi fY˙HmdY _____

Ordering Information

WG-20LDL	RPT								
Model	**Fixation**	**Pattern**	**Length**	**Power**[2]	**CRI/ CCT**[3]	**Driver**[3]	**Lens**	**Finish**	**Cable**
WG-20LDL	RPT	PPO	A A x B A x B x C A x B x A x B	L M	927 930 935 940	X S D010 L3DAE L3D0E DFPN	OD (std) SD	W (std) B G F	C4 (std) C10 C20 C30

cut-out dimensions 1.5" wide X length + 1/4"

.5"
1.434"

.67"
1"

Luminaire

- Continuous, evenly illuminated snap-in lens without visible LED pattern.
- Thinner than 5/8" drywall depth.
- Standard Opal Diffuser for even illumination and no LED appearance. Satin Diffuser for high efficiency and minimal LED appearance.
- Field replaceable LED boards.
- 90+ CRI, 3 steps MacAdam.
- Lengths and angles factory cut to exact field dimensions.
- Standard and custom corners.
- Powder coat painted white - RAL 9010.
- Supplied with 4' class 2 plenum rated feed cable per fixture lengths.

Fixation

- RPT = Recessed Plaster Trim

Pattern

- S = Straight run
- P = Standard patterns 2, 3 or 4 sided with 90° corners on the same plane[1]
- PZ = Non-standard patterns and/or corners other than 90° on multiple planes, consult factory[1]

Length

- A, B, C = specify inches to the nearest 0.25" (i.e. 72.25") For patterns specify each length (i.e. 2 sided: A x B = 72.25" x 48"; 3 sided: A x B x C; 4 sided: A x B x A x B)

Power[2]

- L = 3.2W/ft low power (24V) ■ M = 6.4W/ft mid power (24V)

CRI/CCT[3]

90+ CRI (Low/Mid Power)

- 927 = 2700K (188/348 lm/ft)
- 930 = 3000K (194/359 lm/ft)
- 935 = 3500K (198/366 lm/ft)
- 940 = 4000K (200/370 lm/ft)

Driver (remote)[3]

- X = No driver, ordered separately
- S = Standard driver 120-277V
- D010 = Osram, 10%, 0-10V dimming, 120-277V
- L3DAE = Lutron Hi-lume 1% EcoSystem, 120-277V
- L3D0E = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1%, 120VAC

Lens

- OD = Satin opal diffuser (standard)
- SD = Satin clear diffuser (high efficiency)

Finish

- W = White, 20% gloss, RAL9010 (standard)
- B = Black, 20% gloss
- G = Gray, 20% gloss
- F = Custom finished trim, specify RAL

Cable

- C4 = 4' tray cable (plenum rated) (standard)
- C10 = 10' tray cable (plenum rated)
- C20 = 20' tray cable (plenum rated)
- C30 = 30' tray cable (plenum rated)

Emergency

- Emergency LED driver available, order separately.

[1] See pattern spec sheet.
[2] Wattage shown does not include power supplies/drivers.
[3] Delivered lumens with satin opal diffuser shown.
[4] Remote power supply required. See power supply page for details.

Customer Approval

☐ Approved
☐ Approved with corrections noted
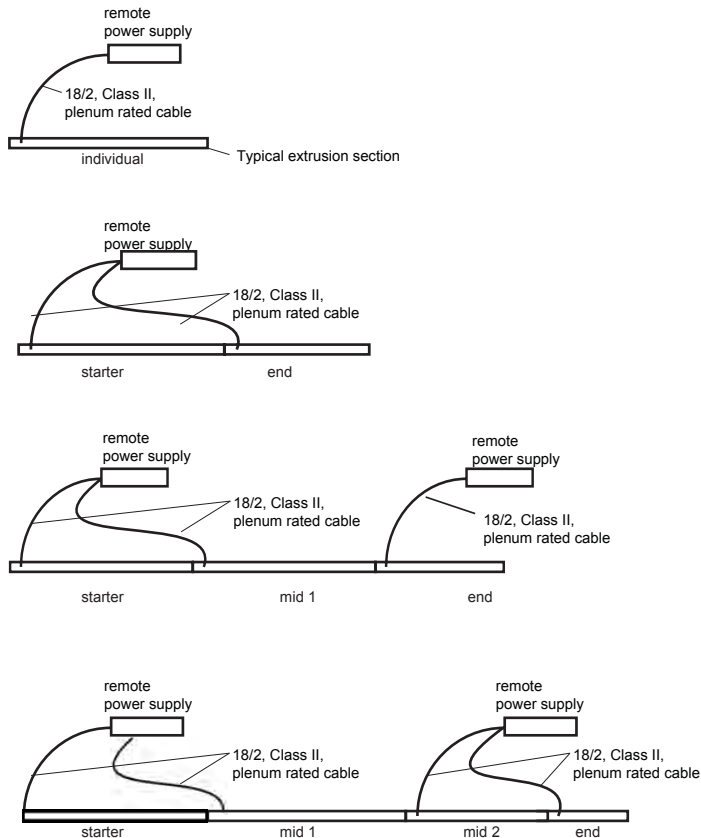☐ Revise and Resubmit

Company _____
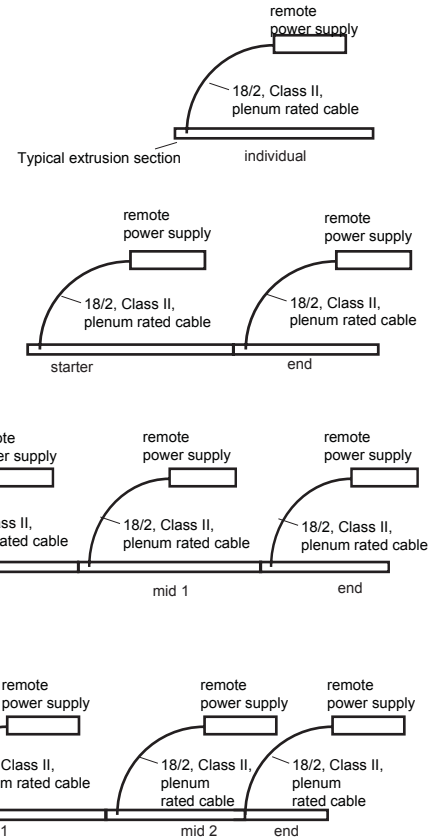Signature _____
Print Name _____
Date _____

Original Date Submitted _____

whitegoods

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Inter-lux reserves the right to make technical changes without notice.

1

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Typical 96W Driver System Layout

remote power supply

18/2, Class II, plenum rated cable

individual — Typical extrusion section

remote power supply

18/2, Class II, plenum rated cable

starter   end

remote power supply   remote power supply

18/2, Class II, plenum rated cable   18/2, Class II, plenum rated cable

starter   mid 1   end

remote power supply   remote power supply

18/2, Class II, plenum rated cable   18/2, Class II, plenum rated cable

starter   mid 1   mid 2   end

Non-Dimming (S), 0-10v (D010), and 0.1% Lutron Ecosystem (L3D0E) Dimming Systems:
1. 96.25" maximum fixture length.
2. 96W, 24V, constant voltage power supply (12 linear feet of fixture / driver max at 6.4w/ft, 24 linear feet of fixture / driver max at 3.2w/ft)

Typical 40W Driver System Layout

remote power supply

18/2, Class II, plenum rated cable

Typical extrusion section   individual

remote power supply   remote power supply

18/2, Class II, plenum rated cable   18/2, Class II, plenum rated cable

starter   end

remote power supply   remote power supply   remote power supply

18/2, Class II, plenum rated cable   18/2, Class II, plenum rated cable   18/2, Class II, plenum rated cable

starter   mid 1   end

remote power supply   remote power supply   remote power supply   remote power supply

18/2, Class II, plenum rated cable   18/2, Class II, plenum rated cable   18/2, Class II, plenum rated cable   18/2, Class II, plenum rated cable

starter   mid1   mid 2   end

1% Lutron Ecosystem (L3DAE) and 1% Phase Forward (DFPN) Dimming Systems:
1. 72" maximum fixture length at 6 W/ft, 96" maximum fixture length at 3 W/ft.
2. 40W, 24V, constant voltage power supply (6 linear feet of fixture / driver max at 6.4w/ft, 12 linear feet of fixture / driver max at 3.2w/ft)
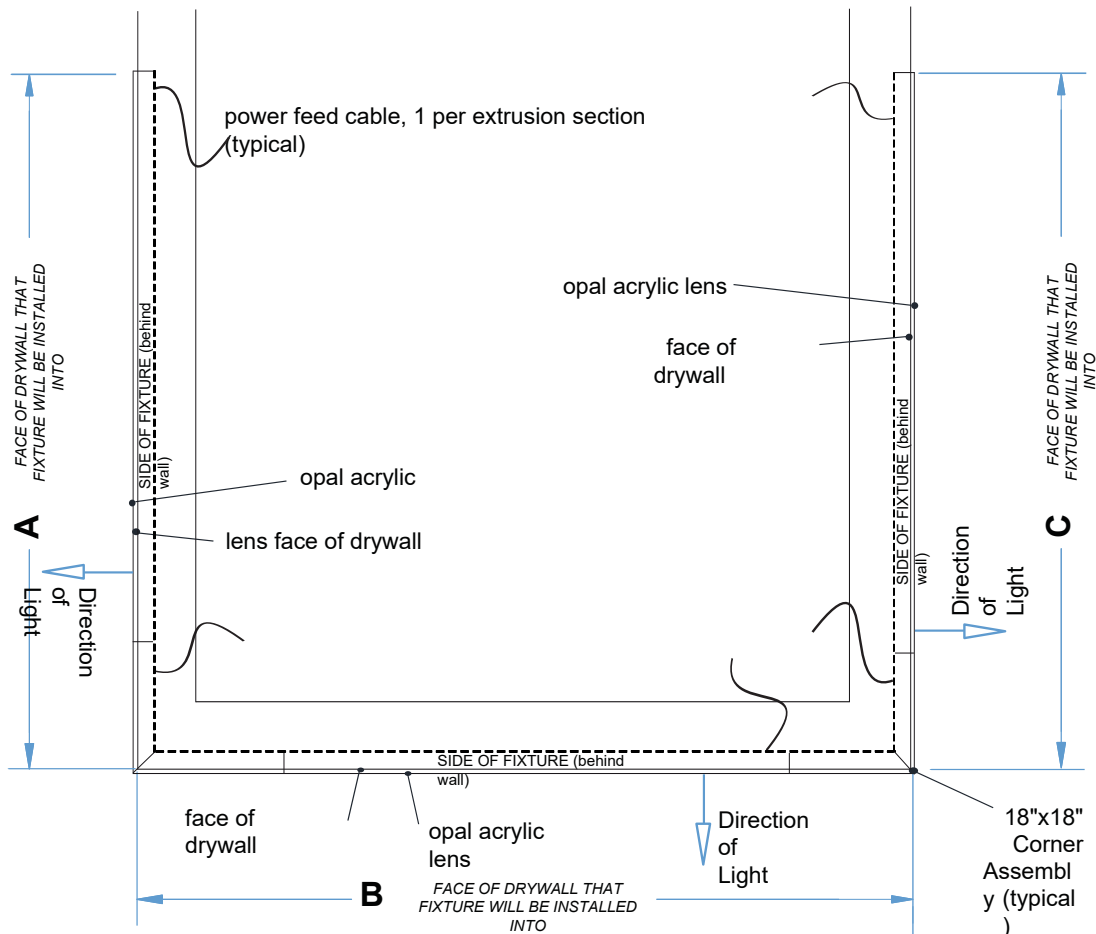
General Notes for all system types:
1. End caps supplied in kits to be field installed at the end of each fixture.
2. Starters and Mid 1 extrusion sections are supplied with maximum lengths for long linear systems.
3. End extrusion sections have custom tailored length between 23.8" - 96.25" to obtain the overall system length.
4. When an End is calculated to be less than 23.8", a Mid 2 extrusion added to the system to split the length into manageable sizes.
5. Class II, plenum rated cable supplied hardwired to extrusion section, 4 ft length standard. Longer lengths available (specify when ordering)

20 Linear Plaster-in Submittal - Pattern 3 Sided with Outside Corners

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Project Name _____ SO # _____ PO # _____ :]I h fY¨HmdY _____

System	Qty.	A	B	C	Approximate Driver QTY
1	____	____	____	____	____
2	____	____	____	____	____
3	____	____	____	____	____
4	____	____	____	____	____
5	____	____	____	____	____

Customer Approval

Company _____

☐ Approved   Signature _____

☐ Approved with corrections noted   Print Name _____

☐ Revise and Resubmit   Date _____

power feed cable, 1 per extrusion section (typical)

opal acrylic lens

face of drywall

FACE OF DRYWALL THAT FIXTURE WILL BE INSTALLED INTO

SIDE OF FIXTURE (behind wall)

opal acrylic

lens face of drywall

A Direction of Light

C Direction of Light

face of drywall

opal acrylic lens

B FACE OF DRYWALL THAT FIXTURE WILL BE INSTALLED INTO

Direction of Light

18"x18" Corner Assembly (typical)

Note:
Power feed is required for each extrusion section. Refer to page 2 for wiring diagrams and additional information to layout a typical linear system.

Note:
Generic fixture layout shown here only to confirm pattern, length, and provide general feed location information. Full BOM to be provided on future Record Drawings.