**FACTORY END & SIDE PANEL VIEW**

**SCALE: 3" = 1'-0"**

- **1" FLAT RECESSED CLOSURE WIDTH**
- **3' MINIMUM PANEL LENGTH**
- **16'-0" MAXIMUM RECOMMENDED PANEL LENGTH**
- **LONGER LENGTH PANELS AVAILABLE, CONTACT HUNTER DOUGLAS**
- **3'-0" SYSTEM HEIGHT**
- **3'-0" FLAT RECESSED CLOSURE REQUIRED FOR EXTERIOR INSTALLATION**
- **3'-0" PANEL HEIGHT**
- **1'-0" PANEL WIDTH**
- **1'-0" CLOSURE HEIGHT**

*Panel lengths available in ± 1/8" tolerance, minimum quantities may apply*

---

**MATERIAL THICKNESS**

- **BOX 4**: .025" OR .032" ALUMINUM

**UNIVERSAL CARRIER**

**BOX 4 PANEL**

---

**PANEL FINISHES**

- PAINTED & POWDER COATED - INTERIOR & EXTERIOR
- LUXACOTE - INTERIOR & EXTERIOR
- DECORATED WOOD FINISH (POWDER COATED) - INTERIOR & EXTERIOR

---

**AVAILABLE PERFORATIONS**

**SCALE: FULL (1:1)**

- **PERFORATION #160**
  - **PERF. AREA 23% OPEN**
  - **HOLE DIAMETER 0.060"**

**PERFORATION DIRECTION**

---

**PANEL MATERIALS & FINISHES**

**SCALE: NOT TO SCALE**

---

**SPECIFICATIONS**

**PROJECT: EXTERIOR LINEAR BOX 4 PRODUCT SPECIFICATIONS**

**DRAWING NUMBER: EXT-BOX-4-B1.1**

**SCALE: AS SHOWN**

**DRAWN BY: HD ENGINEERING**

**DATE: 12/7/18**
FLAT RECESSED CLOSURE REQUIRED FOR EXTERIOR INSTALLATION

BOX 4 PANEL, .025” OR .032” ALUMINUM REQUIRED FOR EXTERIOR DESIGN WIND PRESSURE (POSITIVE OR NEGATIVE PSF**).

CARRIER SPACING *

CARRIER SPAN

VERTICAL SUPPORT SPACING)

NOTE A:
CARRIER SPACING (PANEL SPAN) AND CARRIER SPAN (HANGER WIRE & VERTICAL SUPPORT SPACING) VARIES DEPENDING ON DESIGN WIND PRESSURE (POUNDS PER SQUARE FOOT). AS A GENERAL GUIDE, REFER TO THE DETAIL AND WIND LOAD TABLE 1 BELOW FOR CARRIER SPACING AND CARRIER SPAN. THE WIND LOAD CRITERIA IS BASED ON USING 3 OR MORE ROWS OF CARRIER. MAXIMUM PANEL OVERHANG = 6".

MAXIMUM CARRIER OVERHANG = 6".

HANGER WIRE (.02 GA MIN.) MUST BE LOCATED AT EACH VERTICAL SUPPORT STRUT. VERTICAL SUPPORT STRUT MUST NOT EXCEED SPACING SHOWN FOR A GIVEN DESIGN WIND PRESSURE. SEE DRAWING # EXTBOX4-B1.3 FOR VERTICAL SUPPORT SPECIFICATION. HANGER WIRE AND VERTICAL SUPPORT STRUT MUST BE ATTACHED TO STRUCTURE ABOVE TO SAFELY SUPPORT ALL LOADS IMPOSED BY SOFFIT SYSTEM. ATTACHMENT TO STRUCTURE DESIGNED AND PROVIDED BY OTHERS, NOT BY HUNTER DOUGLAS.

NOTE B:
ALL PENETRATIONS IN CEILING TO BE FIELD LOCATED AND FIELD CUT. TRIM FOR THESE ITEMS NOT BY HUNTER DOUGLAS.

NOTE C:
ATTACHMENT TO STRUCTURE DESIGNED AND PROVIDED BY OTHERS, NOT BY HUNTER DOUGLAS.

TABLE 1 - DESIGN WIND LOAD - LINEAR BOX EXTERIOR CEILING SYSTEM

| PANEL TYPE:  .025” OR .032” ALUMINUM | BOX 4 PANEL |
| CARRIER TYPE:  .040” ALUMINUM, UNIVERSAL CARRIER |

| ALLOWABLE CARRIER SPACING (PANEL SPAN) | ALLOWABLE CARRIER SUPPORT SPACING (HANGER WIRE/VERTICAL SUPPORT SPACING) |

** POUNDS PER SQUARE FOOT

<table>
<thead>
<tr>
<th>DESIGN WIND PRESSURE (POSITIVE OR NEGATIVE PSF**)</th>
<th>CARRIER SPACING * (PANEL SPAN)</th>
<th>CARRIER SPAN (VERTICAL SUPPORT SPACING)</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>3'-4&quot;</td>
<td>1'-11&quot;</td>
</tr>
<tr>
<td>25</td>
<td>3'-0&quot;</td>
<td>1'-10&quot;</td>
</tr>
<tr>
<td>30</td>
<td>2'-8&quot;</td>
<td>1'-9&quot;</td>
</tr>
<tr>
<td>35</td>
<td>2'-6&quot;</td>
<td>1'-8&quot;</td>
</tr>
<tr>
<td>40</td>
<td>2'-4&quot;</td>
<td>1'-7&quot;</td>
</tr>
<tr>
<td>50</td>
<td>2'-0&quot;</td>
<td>1'-6&quot;</td>
</tr>
</tbody>
</table>

NOTE: CARRIER SPACING BASED ON USING 3 OR MORE CARRIERS.
**FLAT RECESSED CLOSURE REQUIRED FOR EXTERNAL INSTALLATION**

12 GA HANGER WIRE, WITHIN 3" OF VERTICAL SUPPORT, NOT BY HUNTER DOUGLAS

1/2" X 1-1/2" 16 GA GALV. CRC SECURED TO CARRIER WITH 12 GA GALV. BRACKET, NOT BY HUNTER DOUGLAS

1/2" X 1-1/2" 16 GA GALV. CRC

**VERTICAL SUPPORT 1/2" X 1-1/2" 16 GA GALV. CRC, MAX LENGTH 28", SEE NOTE A THIS SHEET FOR VERTICAL SUPPORT REQUIREMENTS**

12 GA (.109") MIN X 3/4" WIDTH MIN 1/2" MAX

1/2" X 1-1/2" 16 GA. GALV. BRACKET, NOT BY HUNTER DOUGLAS

1/2" X 1-1/2" 16 GA GALV. CRC

**NOTE A:**

VERTICAL SUPPORT STRUTS (MINIMUM 1-1/2" 16 GA GALV. 'C' CHANNEL OR EQUAL, MAX LENGTH OF 85") SEE DRAWING # EXTBOX4-B1.2 FOR EXTERIOR SUSPENSION REQUIREMENTS. VERTICAL SUPPORTS SHALL BE LOCATED WITHIN 6" OF THE ENDS OF EACH CARRIER AND WITHIN 6" ON BOTH SIDES OF A CARRIER SPlice.

VERTICAL SUPPORT EQUALS:

- CLARKDIETRICH 250PDS125-33 (2-1/2" PROSTUD 33), MAX LENGTH OF 85"
- CLARKDIETRICH 250PDT125-18 (2-1/2" PROTRAK 25), MAX LENGTH OF 78"

*** ATTACHMENT TO STRUCTURE ABOVE SHALL BE DESIGNED AND PROVIDED BY OTHERS TO SUPPORT ALL LOADS IMPOSED BY CEILING SOFFIT SYSTEM ***

**NOTE C:**

ATTACHMENT TO STRUCTURE DESIGNED AND PROVIDED BY OTHERS, NOT BY HUNTER DOUGLAS.

**NOTE B:**

ALL PENETRATIONS IN CEILING TO BE FIELD LOCATED AND FIELD CUT. TRIM FOR THESE ITEMS NOT BY HUNTER DOUGLAS.

**FLAT RECESSED CLOSURE**

2 (NO. 10 TEK SCREWS, NOT BY HUNTER DOUGLAS)

**SECTION 'A'**

SCALE: 3" = 1'-0"

**SPECIFICATIONS** (unless noted otherwise)

- MATERIAL: .025" | .032" ALUMINUM BOX 4 PANEL | .040" ALUMINUM
- UNIVERSAL CARRIER
- FINISH (PAINT | POWDER COAT) DECORATED WOOD FINISH | LUXACOTE
- PERFORATION: NON-PERFORATED | #180

**PROJECT: EXTERIOR LINEAR BOX 4 PRODUCT SPECIFICATIONS**

DRAWING NUMBER: EXT-BOX-4-B1.3

SCALE: AS SHOWN

DRAWN BY: HD ENGINEERING

DATE: 12/7/18
NOTE 1: DO NOT SPLICE PANELS DIRECTLY BELOW UNIVERSAL CARRIERS.

NOTE 2: FIELD CUT PANELS AS REQUIRED TO CREATE A RANDOM STAGGERED SEAM PATTERN. AVOID ALIGNED SEAMS.

SECTION 'A'
SCALE: 6" = 1'-0"

SECTION 'B'
SCALE: 6" = 1'-0"

PANEL SPLICE SPECIFICATION
PROJECT: EXTERIOR LINEAR BOX 4 PRODUCT SPECIFICATIONS
DRAWING NUMBER: EXT-BOX-4-B1.4
SCALE: AS SHOWN
DRAWN BY: HD ENGINEERING
DATE: 12/7/18

EXTERIOR INSTALLATION

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SPECIFICATIONS (unless noted otherwise)
MATERIAL: .025" | .032" ALUMINUM BOX 4 PANEL | .040" ALUMINUM UNIVERAL CARRIER
FINISH (PAINT | POWDER COAT | DECORATED WOOD FINISH | LUXACOTE PERFORATION: NON-PERFORATED | #190

UNIVERSAL CARRIER BEYOND FLAT RECESSED CLOSURE
BOX 4 PANEL SPLICE, WILL NOT FIT UNDER UNIVERSAL CARRIER
BOX 4 PANEL SPLICE

FLAT RECESSED CLOSURE

UNIVERSAL CARRIER

CHEAPER CLOSURE

FLAT RECESSED CLOSURE

BOX 4 PANEL SPLICE, WILL NOT FIT UNDER UNIVERSAL CARRIER
BOX 4 PANEL

NOTE 1:
DO NOT SPLICE PANELS DIRECTLY BELOW UNIVERSAL CARRIERS.

NOTE 2:
FIELD CUT PANELS AS REQUIRED TO CREATE A RANDOM STAGGERED SEAM PATTERN. AVOID ALIGNED SEAMS.
SPECIFICATIONS
(unless noted otherwise)

MATERIAL: .025" | .032" ALUMINUM BOX 4 PANEL | .040" ALUMINUM UNIVERSAL CARRIER
FINISH: PAINT | POWDER COAT | DECORATED WOOD FINISH | LUXACOTE PERFORATION: NON-PERFORATED | #180

SECTION 'A'
SCALE: FULL (1:1)

BOX 4 PANEL
UNIVERSAL CARRIER
BOX 4 ENDCAP

INSERT END CAP ONTO PANEL
AND ENSURE SHEAR TABS ARE ORIENTED ON TOP OF PANEL

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BOX 4 PANEL
SNAP SPLICE TABS INTO UNIVERSAL CARRIER

IF THE DESIRED CARRIER LENGTH EXCEEDS THE MAXIMUM OF 16'-0", USE A UNIVERSAL CARRIER SPLICE TO CONNECT THE FACTORY CARRIER ENDS. THE TABS OF THE SPLICE SNAP INTO THE HOLES IN THE CARRIER AND ADDITIONAL FIXING IS NOT NECESSARY. THE MODULE IS CONTINUED AUTOMATICALLY.

SECTION 'A'
SCALE: 3" = 1'-0"

UNIVERSAL CARRIER SPLICE
12 GA HANGER WIRE, WITHIN 3" OF VERTICAL SUPPORT, TYPICAL, NOT BY HUNTER DOUGLAS

SECTION 'B'
SCALE: FULL (1:1)

12 GA HANGER WIRE, WITHIN 3" OF VERTICAL SUPPORT, TYPICAL, NOT BY HUNTER DOUGLAS

VERTICAL SUPPORT 1/2" X 1-1/2"
16 GA GALV. CRC OR EQUAL, MAX LENGTH 28", SEE NOTE A ON DRAWING # EXTBOX4-B1.3 FOR VERTICAL SUPPORT REQUIREMENTS

IF THE DESIRED CARRIER LENGTH EXCEEDS THE MAXIMUM OF 16'-0", USE A UNIVERSAL CARRIER SPLICE TO CONNECT THE FACTORY CARRIER ENDS.

THE TABS OF THE SPLICE SNAP INTO THE HOLES IN THE CARRIER AND ADDITIONAL FIXING IS NOT NECESSARY. THE MODULE IS CONTINUED AUTOMATICALLY.

UNIVERSAL CARRIER SPLICE
PROJECT: EXTerior LINEAR BOX 4 PRODUCT SPECIFICATIONS
DRAWING NUMBER: EXT-BOX-4-B1.6
SCALE: AS SHOWN
DRAWN BY: HD ENGINEERING
DATE: 12/7/18

SPECIFICATIONS
(unless noted otherwise)
MATERIAL: .025" | .032" ALUMINUM BOX 4 PANEL | .040" ALUMINUM UNIVERSAL CARRIER
FINISH (PAINT) | POWDER COAT | DECORATED WOOD FINISH | LUXACOTE PERFORATION: NON-PERFORATED | #160

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SEE TABLE 1 ON DRAWING # EXTBOX4-B1.2 FOR MAX O.C. SPACING REQUIREMENTS, TYPICAL

6" MAX AT CARRIER SPLICE, TYPICAL

6" MAX AT CARRIER SPLICE

VERTICAL SUPPORT 1/2" X 1-1/2"
16 GA GALV. CRC OR EQUAL, MAX LENGTH 28", SEE NOTE A ON DRAWING # EXTBOX4-B1.3 FOR VERTICAL SUPPORT REQUIREMENTS

6" MAX AT CARRIER SPLICE

6" MAX AT CARRIER SPLICE

UNIVERSAL CARRIER SPLICE

UNIVERSAL CARRIER

FLAT RECESSED CLOSURE

6" MAX AT CARRIER SPLICE

12 GA HANGER WIRE, WITHIN 3" OF VERTICAL SUPPORT, TYPICAL, NOT BY HUNTER DOUGLAS

6" MAX AT CARRIER SPLICE

6" MAX AT CARRIER SPLICE
UNIVERSAL CARRIER BEYOND FIELD CUT BOX 4 PANEL SIDE 1" WALL ANGLE HOLD DOWN DOUBLE-SIDED ADHESIVE TO SECURE 1" WALL ANGLE OR USE POP-RIVET

SECTION 'A'
SCALE: 6" = 1'-0"

SECTION 'B'
SCALE: 6" = 1'-0"

FLAT RECESSED CLOSURE

1 3/4" J-TRIM RESTS AGAINST WALL

*SOME VERTICAL SUPPORTS AND HANGER WIRE OMITTED FOR CLARITY

EXTERIOR INSTALLATION

SPECIFICATIONS
(Unless noted otherwise)

MATERIAL: .025" | .032" ALUMINUM BOX 4 PANEL | .040" ALUMINUM UNIVERSAL CARRIER
FINISH: PAINT| POWDER COAT| DECORATED WOOD FINISH| LUXACOTE PERFORATION: NON-PERFORATED | #160

1 3/4" FLOATING 'J' TRIM
PROJECT: EXTERIOR LINEAR BOX 4 PRODUCT SPECIFICATIONS
DRAWING NUMBER: EXT-BOX-4-B1.8
SCALE: AS SHOWN
DRAWN BY: HD ENGINEERING
DATE: 12/7/18
NOTE: FIXTURE WITH TRIM FLANGE NOT BY HUNTER DOUGLAS

4 7/8" MAX CLEAR OPENING FOR SINGLE PANEL INTERRUPTION
8 7/8" MAX CLEAR OPENING FOR DOUBLE PANEL INTERRUPTION

4" X 48" RECESSED FLUORESCENT FIXTURE EXAMPLE WITH FLANGE

LIGHT FIXTURE INDEPENDENTLY SUPPORTED IN ACCORDANCE WITH LOCAL BUILDING CODES & LIGHT FIXTURE MANUFACTURER'S INSTRUCTIONS

4" X 48" RECESSED FLUORESCENT FIXTURE EXAMPLE WITH FLANGE

LIGHT FIXTURE INDEPENDENTLY SUPPORTED IN ACCORDANCE WITH LOCAL BUILDING CODES & LIGHT FIXTURE MANUFACTURER'S INSTRUCTIONS

12 GA HANGER WIRE AND VERTICAL SUPPORTS, BY OTHERS, TYPICAL

FLANGED FIXTURE RECOMMENDED

SPECIFICATIONS (unless noted otherwise)

MATERIAL: .025" | .032" ALUMINUM BOX 4 PANEL | .040" ALUMINUM UNIVERSAL CARRIER

FINISH (PAINT) | POWDER COAT | DECORATED WOOD FINISH | LUXACOTE

PERFORATION: NON-PERFORATED | #180

INTERMITTED PANEL FOR TYPICAL FIXTURE

PROJECT: EXTERIOR LINEAR BOX 4 PRODUCT SPECIFICATIONS

DRAWING NUMBER: EXT-BOX-4-B1.9

SCALE: AS SHOWN

DRAWN BY: HD ENGINEERING

DATE: 12/7/18

HunterDouglas Ceiling & Wall Products
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NOTE: FIXTURE WITH TRIM FLANGE NOT BY HUNTER DOUGLAS
LATERAL BRACING: BRACE WITH HANGER WIRES AND STRUTS PER ASTM E-580 AND IN ACCORDANCE WITH LOCAL CODE REQUIREMENTS.

(4) #12 GAUGE WIRES SPLAINED 90° FROM EACH OTHER AT ANGLE NOT EXCEEDING 45° FROM PLANE OF CEILING. A STRUT FASTENED TO MAIN RUNNER SHALL BE EXTENDED TO AND FASTENED TO STRUCTURE ABOVE. SPLAYED WIRE AND STRUT BRACING TO BE PLACED NOT MORE THAN 12 FEET ON CENTER IN EACH DIRECTION, WITH THE FIRST POINT WITHIN 6 FEET FROM EACH WALL.