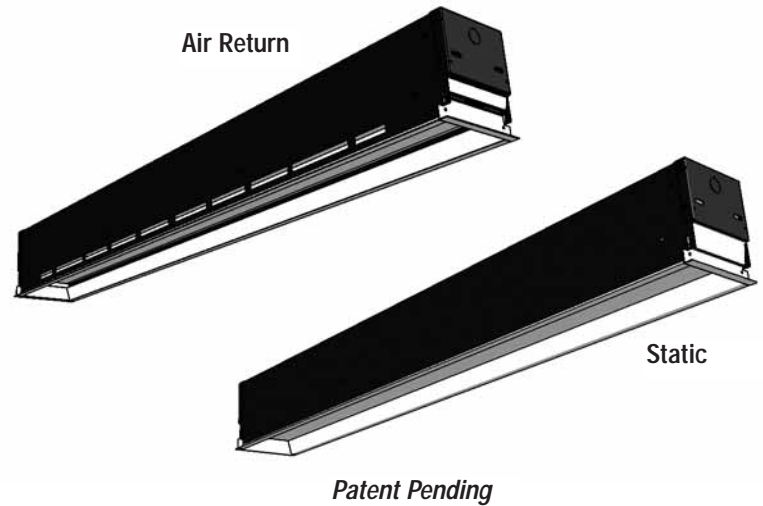
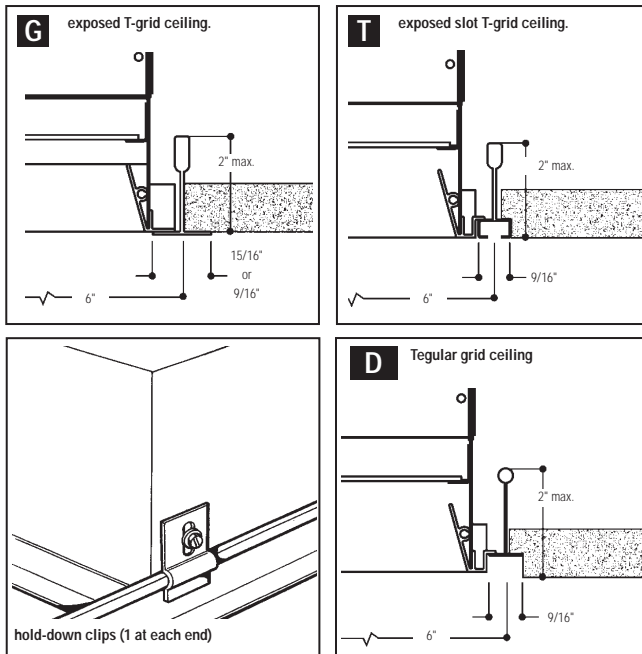


Features

- Non-visible return air openings.
- Air return lens regressed 1 9/16", static regressed 1 1/8".
- Extruded aluminum fixture trim flat white polyester powder coated.
- Extruded .080 white opalescent acrylic lens.
- Only 6" deep body.
- 72.7% efficient 1 lamp 28 Watt T5 with PN lens.
- 95% reflective Miro aluminum ballast reflector.
- 20 gauge steel housing.
- Black housing exterior for cooler ballast operating temperature.
- UL-Listed twin knockout access plate.
- 2 hold-down clips standard.
- Compatible with **Armstrong TECHZONE™** ceiling systems.
- Meets NYC Code requirements.
- Optional DALI ballast accepts digital dimming commands from computers, scene controllers and automatic control devices.

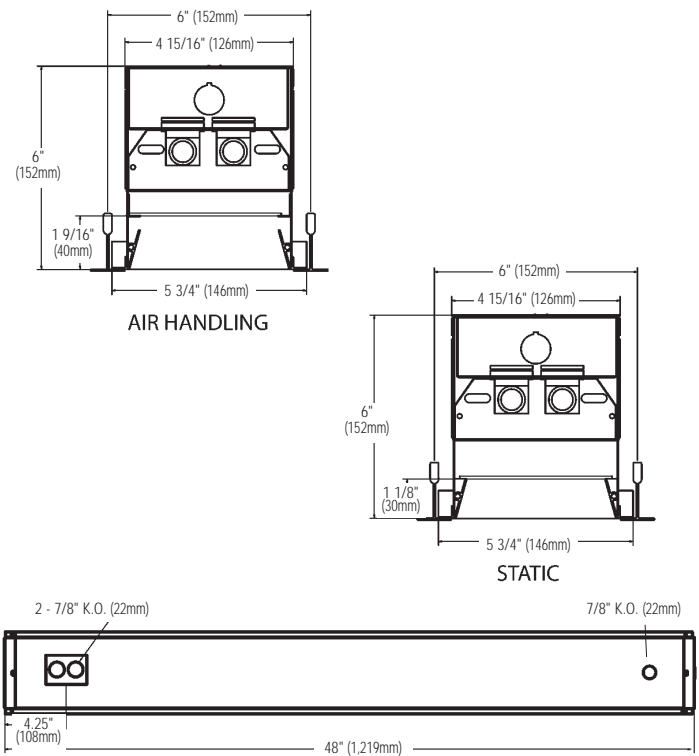


Mounting Methods



Shown in **Armstrong TECHZONE™** ceiling.

Dimensions



Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Volts/Ballast:

For Factory Technical Information: (978) 657-7600 • Fax (978) 658-0595
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
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06/08

Section 1A/Folio E10-10

Model No. LIA6GPNXR128UNVPG

LER = FP - 62.5 IW - 31.99 BF - 1.00
Comparative yearly lighting energy cost per
1000 lumens = \$3.84

Report Number: G2008084
Catalog Number: LIA6GPNXR128UNVPG
Lamp: F28 T5
Luminaire: 6" wide Troffer with PN lens.
Ballast: B228PUNV-C
Report is based on 2750 Lumens per lamp.
Efficiency: 72.7%
CIE Type-Direct-Indirect
Plane: 0-Deg 90-Deg
Spacing Criteria: 1.2 1.1
Shielding Angles: 90 90
Plane: 0-Deg 90-Deg
Luminous Length: 46.800 4.560

CANDELA DISTRIBUTION

| | 0.0 | 45.0 | 90.0 | FLUX |
|----|-----|------|------|------|
| 0 | 844 | 844 | 844 | |
| 5 | 831 | 837 | 840 | 80 |
| 15 | 798 | 791 | 782 | 223 |
| 25 | 737 | 702 | 675 | 325 |
| 35 | 652 | 588 | 568 | 376 |
| 45 | 548 | 474 | 438 | 371 |
| 55 | 424 | 340 | 292 | 309 |
| 65 | 286 | 194 | 146 | 201 |
| 75 | 139 | 66 | 66 | 91 |
| 85 | 21 | 21 | 18 | 24 |
| 90 | 3 | 7 | 8 | |

COEFFICIENTS OF UTILIZATION –
ZONAL CAVITY METHOD. EFFECTIVE
FLOOR CAVITY REFLECTANCE 0.20

| RC | 80 | 50 | 30 |
|-------|----|----|----|
| RW 70 | 50 | 30 | 10 |
| 1 | 80 | 77 | 74 |
| 2 | 73 | 67 | 63 |
| 3 | 67 | 60 | 54 |
| 4 | 62 | 53 | 47 |
| 5 | 57 | 48 | 42 |
| 6 | 53 | 43 | 37 |
| 7 | 49 | 39 | 33 |
| 8 | 46 | 36 | 30 |
| 9 | 43 | 33 | 27 |
| 10 | 40 | 31 | 25 |

ZONAL LUMEN SUMMARY

| ZONE | LUMENS | % LAMP | % FIXT |
|--------|--------|--------|--------|
| 0- 30 | 627 | 22.8 | 31.4 |
| 0- 40 | 1004 | 36.5 | 50.2 |
| 0- 60 | 1683 | 61.2 | 84.2 |
| 0- 90 | 2000 | 72.7 | 100.0 |
| 90-180 | 0 | 0.0 | 0.0 |
| 0-180 | 2000 | 72.7 | 100.0 |

LUMINANCE DATA IN CANDELA/SQ. METER

| AVERAGE IN DEG. | AVERAGE 0-DEG. | AVERAGE 45-DEG. | AVERAGE 90-DEG. |
|-----------------|----------------|-----------------|-----------------|
| 45 | 5627. | 4867. | 4497. |
| 55 | 5367. | 4304. | 3696. |
| 65 | 4913. | 3333. | 2508. |
| 75 | 3899. | 1851. | 1851. |
| 85 | 1749. | 1749. | 1499. |

Model No. LIA6GPNXR228UNVPG

LER = FP - 56.4 IW - 56.21 BF - 1.00
Comparative yearly lighting energy cost per
1000 lumens = \$4.25

Report Number: G2008075
Catalog Number: LIA6GPNXR228UNVPG
Lamp: (2) F28 T5
Luminaire: 6" wide Troffer with PN lens.
Ballast: B228PUNV-C
Report is based on 2750 Lumens per lamp.
Efficiency: 57.6%
CIE Type-Direct-Indirect
Plane: 0-Deg 90-Deg
Spacing Criteria: 1.2 1.1
Shielding Angles: 90 90
Plane: 0-Deg 90-Deg
Luminous Length: 46.800 4.560

CANDELA DISTRIBUTION

| | 0.0 | 45.0 | 90.0 | FLUX |
|----|------|------|------|------|
| 0 | 1342 | 1342 | 1342 | |
| 5 | 1322 | 1331 | 1337 | 126 |
| 15 | 1270 | 1256 | 1240 | 354 |
| 25 | 1172 | 1114 | 1070 | 516 |
| 35 | 1038 | 929 | 901 | 596 |
| 45 | 871 | 751 | 698 | 589 |
| 55 | 676 | 539 | 455 | 488 |
| 65 | 458 | 305 | 225 | 317 |
| 75 | 225 | 100 | 104 | 145 |
| 85 | 35 | 32 | 30 | 37 |
| 90 | 4 | 11 | 13 | |

COEFFICIENTS OF UTILIZATION –
ZONAL CAVITY METHOD. EFFECTIVE
FLOOR CAVITY REFLECTANCE 0.20

| RC | 80 | 50 | 30 |
|-------|----|----|----|
| RW 70 | 50 | 30 | 10 |
| 1 | 63 | 61 | 58 |
| 2 | 58 | 53 | 50 |
| 3 | 53 | 47 | 43 |
| 4 | 49 | 42 | 37 |
| 5 | 45 | 38 | 33 |
| 6 | 42 | 34 | 29 |
| 7 | 39 | 31 | 26 |
| 8 | 36 | 29 | 24 |
| 9 | 34 | 26 | 22 |
| 10 | 32 | 24 | 20 |

ZONAL LUMEN SUMMARY

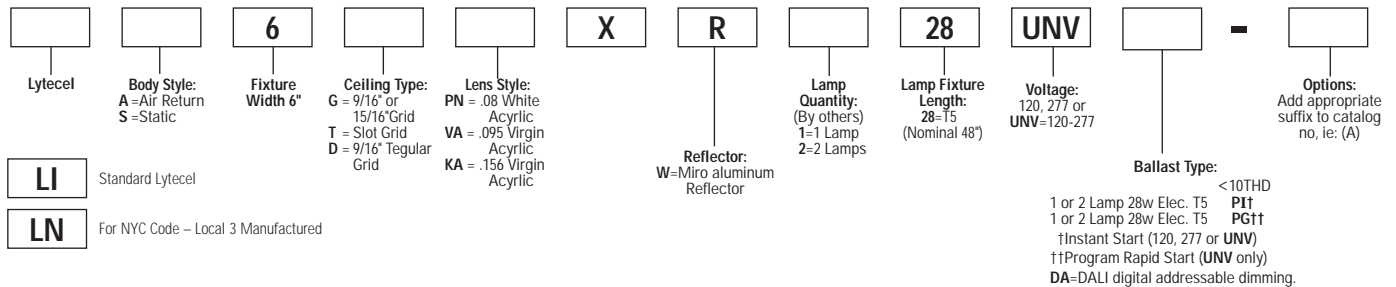
| ZONE | LUMENS | % LAMP | % FIXT |
|--------|--------|--------|--------|
| 0- 30 | 996 | 18.1 | 31.4 |
| 0- 40 | 1593 | 29.0 | 50.3 |
| 0- 60 | 2670 | 48.5 | 84.3 |
| 0- 90 | 3168 | 57.6 | 100.0 |
| 90-180 | 0 | 0.0 | 0.0 |
| 0-180 | 3168 | 57.6 | 100.0 |

LUMINANCE DATA IN CANDELA/SQ. METER

| AVERAGE IN DEG. | AVERAGE 0-DEG. | AVERAGE 45-DEG. | AVERAGE 90-DEG. |
|-----------------|----------------|-----------------|-----------------|
| 45 | 8943. | 7711. | 7167. |
| 55 | 8557. | 6823. | 5759. |
| 65 | 7868. | 5240. | 3865. |
| 75 | 2912. | 2805. | 2917. |
| 85 | 2916. | 2666. | 2499. |

Ordering Information

Explanation of Catalog Number. Example: LIA6GPNXR128UNVPG



Options/Accessories

Access Plate: Top Wiring access plate is shipped with fixture as standard. When access plates are required in advance for wiring convenience, specify separately.

Order Catalog Number: **ACP5 CSP.**

Electrical/Wiring Options: Consult factory.

EM Pack or Dimming Ballast: Consult factory.

Fusing: Internal fast-blow fusing. Suffix: **A.**
Internal slow-blow fusing. Suffix: **C.**

Chicago Plenum: Suffix: **C.**

Specifications

Performance: In an installation of 1 lamp 28W luminaire in a room cavity ratio of 1, reflectance 80% ceiling, 50% wall, 20% floor, the C.U. shall not be less than .77 with a spacing to mounting ratio of 1.1 perpendicular to the lamps.

Air Handling: Side air slots for air return.

Materials: Chassis parts are 20 gauge cold rolled steel.

Specifications (continued)

Finish: Reflector: 95% reflective Miro aluminum reflector.

Chassis exterior—black baked polyester enamel.

Electrical: Thermally protected class "P" ballast C.B.M. approved, non PCB. If K.O. is within 3" of ballast, use wire suitable for at least 90°.

Labels: I.B.E.W./UL and ULc Listed.

This product may have a mercury containing lamp. Manage in accord with Disposal Laws. See: www.lamprecycle.org

Job Information Type:

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