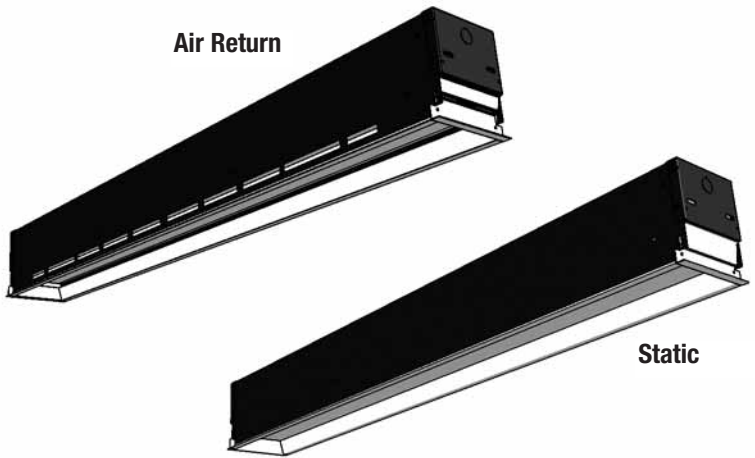


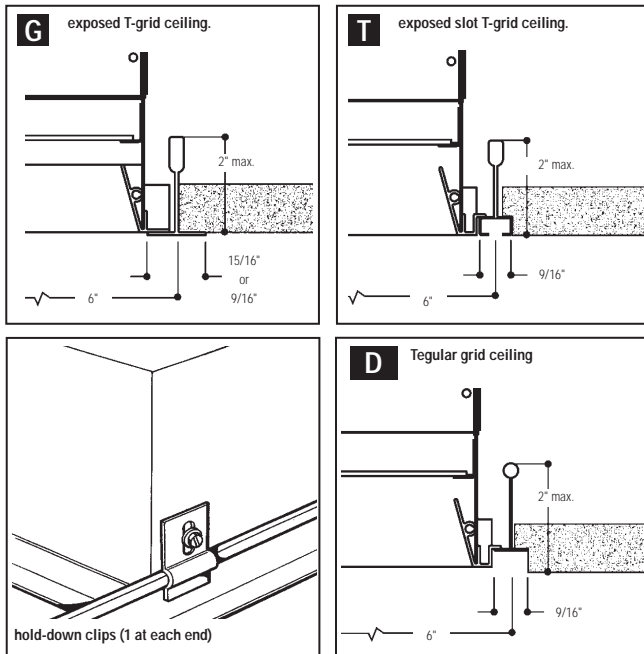
Recessed Lens Fluorescent, Static or Air Return  
6" Width X 48" Length, 1 or 2 Lamp T5HO

**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.
- 63.9% efficient 1 lamp 54 Watt T5HO 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.

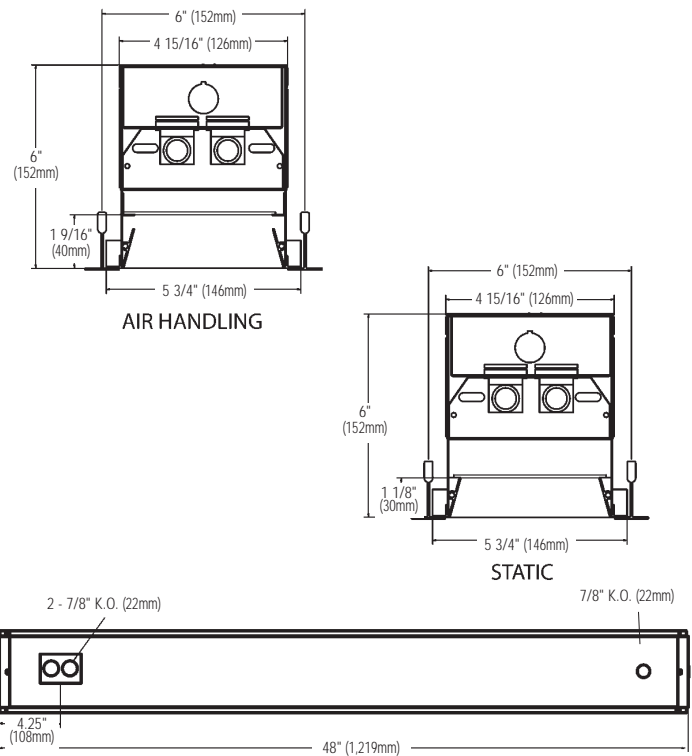


**Mounting Methods**



Shown in **Armstrong TECHZONE™** ceiling.

**Dimensions**



Job Information	Type:
<b>Job Name:</b>	
<b>Cat. No.:</b>	
<b>Lamp(s):</b>	
<b>Volts/Ballast:</b>	

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 E10-20

Recessed Lens Fluorescent, Static or Air Return  
6" Width X 48" Length, 1 or 2 Lamp T5HO

**Model No. LIA6GPNXR154UNVPG**

LER = FP - 51.3 IW - 54.79 BF - 1.0  
Comparative yearly lighting energy cost per  
1000 lumens = \$4.68

Report Number: G2008043  
Catalog Number: LIA6GPNXR154UNVPG  
Lamp: (1) F54 T5HO  
Luminaire: 6" wide Troffer with PN lens.  
Ballast: B254PUNV-D  
Report is based on 4400 Lumens per lamp.  
Efficiency: 63.9%  
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	1186	1186	1186	
5	1166	1176	1182	112
15	1119	1111	1000	313
25	1034	988	951	457
35	914	827	799	529
45	768	667	616	522
55	597	478	410	433
65	404	274	204	283
75	198	89	93	129
85	31	30	25	33
90	3	9	12	

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

RC	80	50	30	10	50	30	10
1	70	67	65	63	61	60	59
2	64	59	55	56	53	50	51
3	59	52	48	50	46	43	48
4	54	47	41	44	40	37	43
5	50	42	37	40	35	32	39
6	46	38	32	36	32	28	35
7	43	35	29	33	28	25	32
8	40	32	26	30	26	23	30
9	37	29	24	28	24	20	27
10	35	27	22	26	22	19	25

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0- 30	882	20.0	31.4
0- 40	1410	32.1	50.2
0- 60	2366	53.8	84.2
0- 90	2811	63.9	100.0
90-180	0	0.0	0.0
0-180	2811	63.9	100.0

LUMINANCE DATA IN CANDELA/SQ. METER

AVERAGE IN DEG.	AVERAGE 0-DEG.	AVERAGE 45-DEG.	AVERAGE 90-DEG.
45	7886.	6849.	6325.
55	7557.	6051.	5190.
65	6941.	4707.	3505.
75	5554.	2497.	2609.
85	2582.	2499.	2083.

**Model No. LIA6GPNXR254UNVPG**

LER = FP - 44.7 IW - 93.9 BF - 1.00  
Comparative yearly lighting energy cost per  
1000 lumens = \$5.37

Report Number: G2008058  
Catalog Number: LIA6GPNXR254UNVPG  
Lamp: (2) F54 T5HO  
Luminaire: 6" wide Troffer with PN lens.  
Ballast: B254PUNV-D  
Report is based on 4400 Lumens per lamp.  
Efficiency: 47.7%  
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	1767	1767	1767	
5	1741	1753	1760	167
15	1672	1655	1635	467
25	1545	1472	1415	681
35	1367	1233	1195	789
45	1146	998	926	781
55	889	719	613	649
65	598	408	302	422
75	292	139	140	192
85	43	45	38	49
90	6	14	18	

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

RC	80	50	30	10	50	30	10
1	52	50	48	47	45	44	45
2	48	44	41	42	39	37	40
3	44	39	36	37	34	32	36
4	40	35	31	33	30	27	32
5	37	31	27	30	26	24	29
6	34	28	24	27	24	21	26
7	32	26	22	25	21	19	24
8	30	24	20	23	19	17	22
9	28	22	18	21	18	15	20
10	26	20	16	19	16	14	19

ZONAL LUMEN SUMMARY

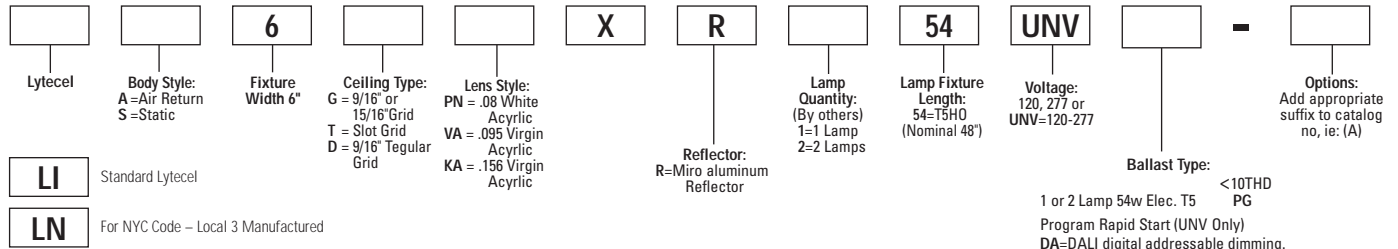
ZONE	LUMENS	% LAMP	% FIXT
0- 30	1314	14.9	31.3
0- 40	2104	23.9	50.1
0- 60	3534	40.2	84.2
0- 90	4197	47.7	100.0
90-180	0	0.0	0.0
0-180	4197	53.0	100.0

LUMINANCE DATA IN CANDELA/SQ. METER

AVERAGE IN DEG.	AVERAGE 0-DEG.	AVERAGE 45-DEG.	AVERAGE 90-DEG.
45	11767.	10247.	9508.
55	11253.	9101.	7759.
65	10273.	7009.	5188.
75	8191.	3899.	3927.
85	3582.	3749.	3166.

**Ordering Information**

Explanation of Catalog Number. Example: LIA6GPNXR154UNVPG



**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: **P**.

**Specifications**

**Performance:** In an installation of 1 lamp 54W luminaire in a room cavity ratio of 1, reflectance 80% ceiling, 50% wall, 20% floor, the C.U. shall not be less than .67 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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