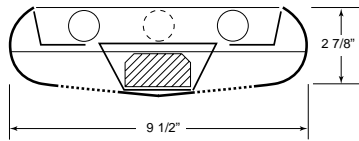


# Q1 Series



Cross Section

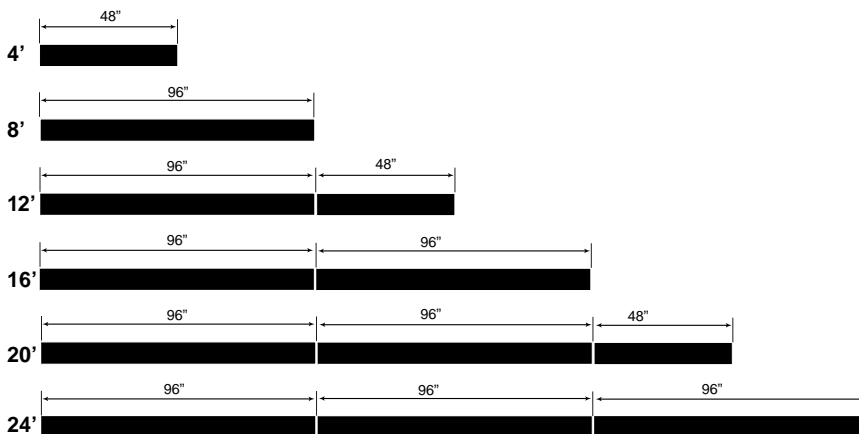
Fixture Type:

Job Name:

## SPECIFICATIONS:

- Aircraft cable suspended linear fluorescent luminaire for indirect lighting. Perforated bottom panels for 5% direct-light component. Micro-thin white Mylar lamp barrier.
- Ballasts are electronic for T8 lamping. Optional performance enhanced ballasts are available.
- Two-lamp or three-lamp cross sections, 4 ft. or 8 ft. lengths.
- Heavy-duty 20 gauge steel housing and parts, welded together for strength and perfect fit. Portable end caps for row ends feature no visible hardware or holes. Aligner/joiner brackets supplied for rows.
- White steel reflector system for standard distribution or optional aluminum and silver film for wider distribution.

## Suspension Points



- Pre-wired feed units with 18/3 white SJT cord. P1 single circuit or optional P2 dual circuit plug through wiring harnesses standard, except where individually mounted units are used.
- Choice of cable hanger kits. Feed and non-feed 5" diameter canopies and kits for T-Bar mounting or for J-Box mounting. A 2" diameter non-feed canopy and kit for T-Bar mounting. Cable 24" standard or longer as specified. GripLock adjuster standard. Other hanging methods available.
- Standard finish non-glare white powder coat. Special colors available. Special perforation patterns available.
- Special Features: \_\_\_\_\_

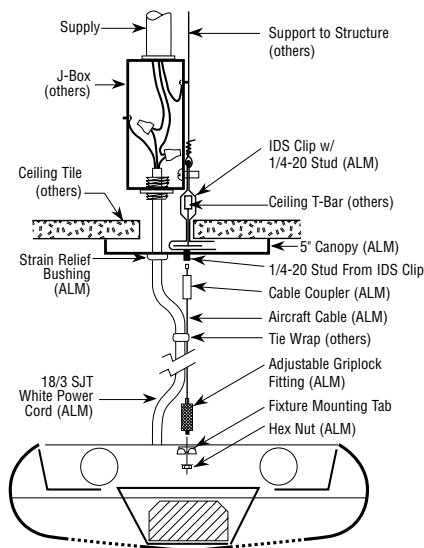
## Mounting Details

### TYPICAL T-BAR FEED INSTALLATION

Kit # HG5F24 / Incl. 5" Feed Canopy, 24" Cable, Fittings & Hardware

#### OPTIONAL MATCHING NON-FEED KIT

Kit # HG5N24 / Incl. 5" Non-Feed Canopy, 24" Cable, Fittings & Hardware

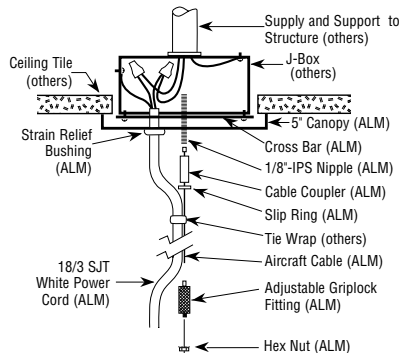


### TYPICAL J-BOX FEED INSTALLATION

Kit # HB5F24 / Incl. 5" Feed Canopy with Slip Ring, 24" Cable, Fittings & Hardware

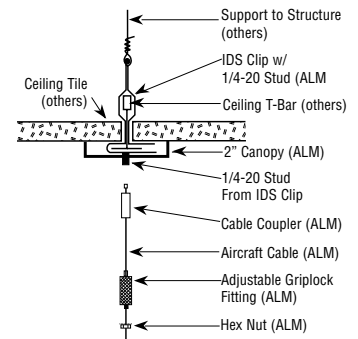
#### OPTIONAL MATCHING NON-FEED KIT

Kit # HB5N24 / Incl. 5" Non-Feed Canopy with Slip Ring, 24" Cable, Fittings & Hardware



### TYPICAL T-BAR NON-FEED INSTALLATION

Kit # HG2N24 / Incl. 2" Non-Feed Canopy, 24" Cable, Fittings & Hardware



Fixture Type:

Job Name:

Series	Electrical	No. of Lamps Cross	Wattage (Length)	Lamp Type	Tandem Housing	Internal Reflector	Ballast Type	Voltage	Misc.
<b>Q1</b> Indirect / Direct Perforated Bottom	<b>-F</b> Power feed unit Incl: (1) 30"18/3 SJT white cord, pre-wired. (1) Power feed Hanger Kit #HG5F24 or #HB5F24 (1) Non-feed Hanger Kit #HG2N24 or #HG5N24 or #HB5N24  <b>-N</b> Non-feed unit Incl: (1) Non-feed Hanger Kit #HG2N24 or #HG5N24 or #HB5N24  Optional Hanger Accessories	<b>-2</b> Lamps  <b>-3</b> Lamps	<b>-32</b> 32W-T8 4 FT	<b>-OCT</b> Octron T8	<b>/8T</b> 8 FT Housing 4-32W 4 FT Lamps w/-2 cross or 6-32W 4 FT Lamps w/-3 cross  Blank for 4 FT Housing	<b>-W</b> White Steel 90% Reflectivity  <b>-A</b> Specular Aluminum 87% Reflectivity  <b>-S</b> Silver Film 95% Reflectivity  - As Specified	<b>-ELB</b> Electronic T8  <b>-ELB-HP</b> Electronic T8 <10% THD  <b>-ELBS</b> Electronic T8 Low Watt  <b>-ELBH</b> Electronic T8 High Light Output  - As Specified	<b>-120V</b> 120 Volt  <b>-277V</b> 277 Volt  - Other Voltages	<b>-EMPK</b> Emergency Pack I-24,B-100 Or Equal  <b>-EMPKS</b> Emergency Pack As Specified B-50, I-80  <b>-MS</b> Master / Slave Wiring  <b>-TILW</b> Tandem-In-Line Wiring  <b>-P1</b> Single Circuit Plug-Thru, Standard on all units, Except when ordered as Individual Feed Units.  <b>-P2</b> Dual Circuit Plug-Thru

**Photometrics**

LTL #04386

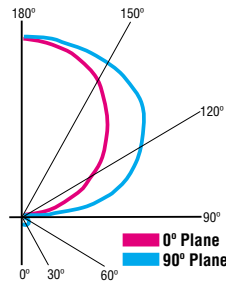
Cat.# Q1-232-OCT-W-ELB-120V



Total Luminaire Efficiency: 81%  
Total Reflectance of Paint: 91%  
CIE Type: Indirect  
Plane: 0° 90°  
Spacing Criteria: 1.2 1.2

**Coefficients Of Utilization - Zonal Cavity Method**

Floor	20										
	80			70			50				
Ceiling	70	50	30	10	70	50	30	10	50	30	10
0	78	78	78	78	67	67	67	67	47	47	47
1	71	68	65	62	61	58	56	54	41	39	38
2	64	59	54	51	55	51	47	44	36	33	31
3	59	52	46	42	50	45	40	37	31	29	26
4	54	46	40	35	46	39	35	31	28	25	22
5	49	40	34	30	42	35	30	26	25	21	19
6	45	36	30	26	38	31	26	23	22	19	16
7	41	32	26	22	35	28	23	19	20	16	14
8	38	29	23	19	33	25	20	17	18	15	12
9	35	26	21	17	30	23	18	15	16	13	11
10	33	24	18	15	28	21	16	13	15	12	10



LTL #04387

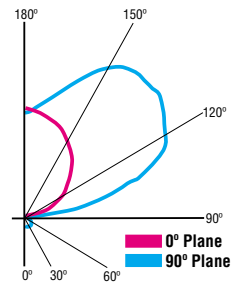
Cat.# Q1-232-OCT-A-ELB-120V



Total Luminaire Efficiency: 78.4%  
CIE Type: Indirect  
Plane: 0° 90°  
Spacing Criteria: 1.2 1.1

**Coefficients Of Utilization - Zonal Cavity Method**

Floor	20										
	80			70			50				
Ceiling	70	50	30	10	70	50	30	10	50	30	10
0	75	75	75	75	65	65	65	65	45	45	45
1	69	65	63	60	59	56	54	52	39	38	37
2	62	57	53	49	53	49	46	43	34	32	30
3	57	50	45	41	49	43	39	35	30	28	25
4	52	44	38	34	44	38	33	30	27	24	21
5	47	39	33	29	41	34	29	25	25	21	18
6	43	35	29	25	37	30	25	22	21	18	16
7	40	31	25	21	34	27	22	19	19	16	14
8	37	28	22	19	32	24	20	16	17	14	12
9	34	25	20	16	29	22	17	14	16	13	10
10	32	23	18	14	27	20	16	13	14	11	9



LTL #04388

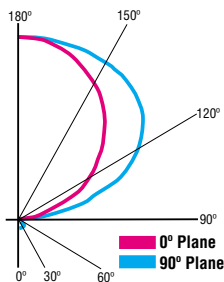
Cat.# Q1-332-OCT-W-ELB-120V



Total Luminaire Efficiency: 79.9%  
Total Reflectance of Paint: 91.8%  
CIE Type: Indirect  
Plane: 0° 90°  
Spacing Criteria: 1.2 1.2

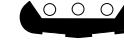
**Coefficients Of Utilization - Zonal Cavity Method**

Floor	20										
	80			70			50				
Ceiling	70	50	30	10	70	50	30	10	50	30	10
0	76	76	76	76	66	66	66	66	45	45	45
1	70	66	63	61	61	57	55	53	40	38	37
2	63	58	53	50	54	50	46	43	35	32	31
3	58	51	45	41	49	44	39	36	30	28	26
4	53	45	39	34	45	39	34	30	27	24	22
5	48	40	34	29	41	34	29	26	24	21	18
6	44	35	29	25	38	30	26	22	21	18	16
7	41	32	26	22	35	27	22	19	19	16	14
8	37	28	23	19	32	25	20	17	17	14	12
9	35	26	20	17	30	22	18	15	16	13	10
10	32	23	18	15	28	20	16	13	14	11	9



LTL #04389

Cat.# Q1-332-OCT-A-ELB-120V



Total Luminaire Efficiency: 76.4%  
CIE Type: Indirect  
Plane: 0° 90°  
Spacing Criteria: 1.2 1.2

**Coefficients Of Utilization - Zonal Cavity Method**

Floor	20										
	80			70			50				
Ceiling	70	50	30	10	70	50	30	10	50	30	10
0	73	73	73	73	63	63	63	63	43	43	43
1	67	64	61	58	57	55	52	50	38	37	35
2	61	55	51	48	52	48	44	41	33	31	29
3	55	49	44	39	47	42	38	34	29	27	24
4	50	43	37	33	43	37	32	29	26	23	21
5	46	38	32	28	39	33	28	25	23	20	18
6	42	34	28	24	36	29	24	21	20	17	15
7	39	30	25	21	33	26	22	18	18	15	13
8	36	27	22	18	31	24	19	16	17	14	11
9	33	25	19	16	28	21	17	14	15	12	10
10	31	22	17	14	26	19	15	12	14	11	9

