

C6 Series

FLUORESCENT | SURFACE **S**



CRAFT LITE® APPLICATIONS:

- UL/CUL Listed Wet Location
- UL/CUL Hazardous Location (Class I, Division 2; Groups A, B, C & D Class II, Division 2; Groups F & G)
- NSF Certified Food Processing (Splash Zone, Food Zone)
- Industrial & Commercial
- UL Listed Marine (Inside, Inside Drip-Proof)
- Transit

BENEFITS:

- Luminaires adaptable to your specific needs

FEATURES:

- Square version available
- Available in Stainless Steel construction
- Premium electronic ballast standard
- Every luminaire tested with lamps to assure customer satisfaction
- 5 year limited warranty
- Proudly made in **USA**

SPECIFICATIONS:

HOUSING:

Constructed of 20GA (.036) zinc coated steel for unmatched corrosion protection. Featuring a double channel, one welded inside the other, with space between the channel sides to capture the diffuser. Threaded hubs are continuously welded into the channel ends providing a sealed wireway access. Removable plugs seal the hubs when not utilized.

Food Zone: All external metal components of stainless steel (S3 option std).

OPTIONAL PREMIUM MATERIALS:

- S2** - 304 stainless steel outer channel.
- S3** - External metal components of 304 stainless steel.
- S4** - All metal components of 304 stainless steel.

REFLECTOR:

Fabricated of zinc coated steel, painted with a minimum reflectance of 88%.

END CAPS:

Die formed of 18GA (.036) stainless steel. A threaded, knurled ring secures the end cap to the luminaire housing. End caps secure lens.

GASKETING:

EPDM is used in the housing channels and end caps.

FINISH:

Painted surfaces are two mil white polyester enamel, special colors available.

LENS:

One piece nominal .125 white translucent cell cast virgin acrylic. A two piece lens with center joiner band is optional.

ELECTRICAL:

All ballasts and lampholders are UL Listed.

Marine: Utilizes a three gang terminal block for electrical connections.

MOUNTING:

Surface, chain, or pendant options available
for covered ceiling installations.

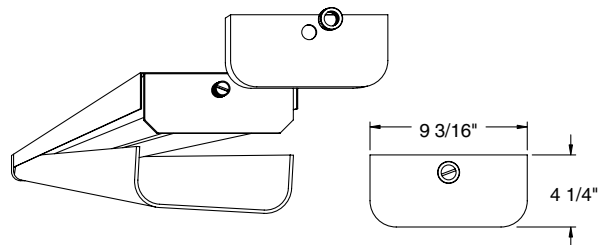
Continuous row luminaires manufactured with aligning pins and utilize joiner bands. Surface mounted HO luminaires require a minimum 1 1/2" clearance (Bracket kit supplied). For further information, contact Sales Representative.

Splash and Food Zone: Surface for covered ceiling installations only.

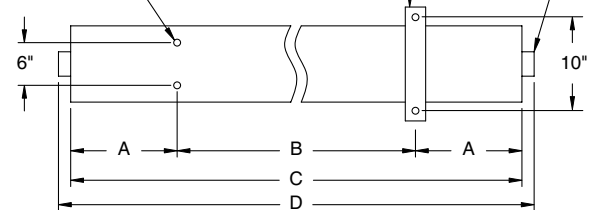
Marine: Surface for covered ceiling installations only.

TEMPERATURE CODE:

Class I, Div. 2= T4 (135°C); Class II, Div. 2= T3B (165°C)



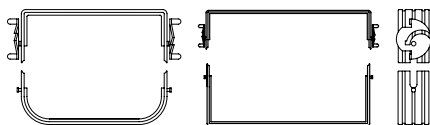
9/32" DIA. EMBOSSED MOUNTING STRAP W/ 3/4" THREADED
MTG. HOLES (STD) 5/16" DIA. MTG. HOLES (MC6) HUB W/ PLUG



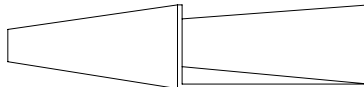
1/2" THREADED FLANGE (OPTIONAL, WET LOC.)

| LENGTH | DIMENSIONS IN INCHES | | | |
|-------------|----------------------|----|--------|--------|
| | A | B | C | D |
| 10 1/2" | 1 3/4 | 6 | 9 1/2 | 10 5/8 |
| 13" | 3 | 6 | 12 | 13 1/8 |
| 16" | 2 1/2 | 10 | 15 | 16 1/8 |
| 19" | 4 | 10 | 18 | 19 1/8 |
| 2 FT | 4 1/16 | 16 | 24 1/8 | 25 1/4 |
| 2 FT T5 | 3 1/4 | 16 | 22 1/2 | 23 5/8 |
| 3 FT | 10 1/16 | 16 | 36 1/8 | 37 1/4 |
| 3 FT T5 | 9 1/4 | 16 | 34 1/2 | 35 5/8 |
| 4 FT | 8 1/16 | 32 | 48 1/8 | 49 1/4 |
| 4 FT T5 | 7 1/4 | 32 | 46 1/2 | 47 5/8 |
| 6 FT | 12 1/16 | 48 | 72 1/8 | 73 1/4 |
| 6 FT TDM | 12 3/16 | 48 | 72 3/8 | 73 1/2 |
| 8 FT | 16 1/16 | 64 | 96 1/8 | 97 1/4 |
| 8 FT TDM | 16 3/16 | 64 | 96 3/8 | 97 1/2 |
| 8 FT T5 TDM | 14 1/2 | 64 | 93 | 94 1/8 |

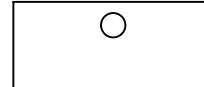
C6 JOINER BANDS (N/A MC6)



SQUARE POLYCARBONATE LENS



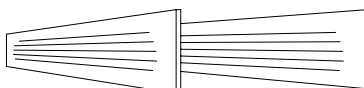
SQUARE END CAP



MARINE END CAP (MC6)



SQUARE LIGHT CONTROLLED ACRYLIC LENS





Hazardous Location:



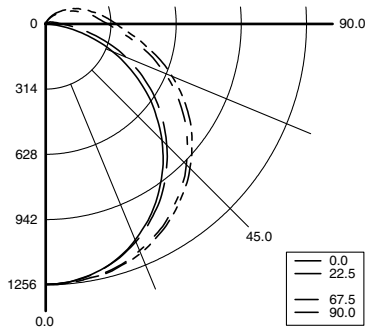
Food Processing:



C6 Series

PHOTOMETRICS: For additional photometry, go to paramountlighting.com

Model C62323, 4FT, White Painted Interior and White Acrylic Lens, 2 32W T8 Fluorescent Lamps, Lamp Lumen Rating = 3050



Coefficients of Utilization, Zonal Cavity Method

Floor Cavity Reflectance: 20%

| RC | .8 | | | | .7 | | | | .5 | | | | .3 | | | | .1 | | | | 0 | | | | | | | | | | | |
|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RW | .7 | .5 | .3 | .1 | .7 | .5 | .3 | .1 | .5 | .3 | .1 | .5 | .3 | .1 | .5 | .3 | .1 | .5 | .3 | .1 | .5 | .3 | .1 | .5 | .3 | .1 | .5 | .3 | .1 | | | |
| R 0 | 89 | 89 | 89 | 89 | 86 | 86 | 86 | 86 | 80 | 80 | 80 | 75 | 75 | 75 | 71 | 71 | 71 | 68 | 68 | 68 | 64 | 64 | 64 | 60 | 60 | 60 | 56 | 56 | 56 | 54 | 54 | 54 |
| C 1 | 80 | 75 | 72 | 68 | 77 | 73 | 69 | 66 | 68 | 65 | 63 | 64 | 61 | 59 | 60 | 58 | 56 | 54 | 54 | 54 | 50 | 50 | 50 | 46 | 46 | 46 | 44 | 44 | 44 | 44 | 44 | 44 |
| R 2 | 72 | 65 | 59 | 54 | 69 | 63 | 57 | 53 | 59 | 54 | 51 | 55 | 51 | 48 | 51 | 49 | 46 | 44 | 44 | 44 | 40 | 40 | 40 | 36 | 36 | 36 | 34 | 34 | 34 | 34 | 34 | 34 |
| 3 | 65 | 56 | 50 | 44 | 62 | 55 | 48 | 43 | 51 | 46 | 42 | 48 | 44 | 40 | 45 | 41 | 38 | 36 | 36 | 36 | 32 | 32 | 32 | 28 | 28 | 28 | 26 | 26 | 26 | 26 | 26 | 26 |
| 4 | 59 | 50 | 43 | 37 | 57 | 48 | 41 | 36 | 45 | 39 | 35 | 42 | 38 | 34 | 40 | 36 | 32 | 30 | 30 | 30 | 26 | 26 | 26 | 22 | 22 | 22 | 20 | 20 | 20 | 20 | 20 | 20 |
| 5 | 54 | 44 | 37 | 32 | 52 | 43 | 36 | 31 | 40 | 34 | 30 | 38 | 33 | 29 | 36 | 31 | 28 | 26 | 26 | 26 | 22 | 22 | 22 | 18 | 18 | 18 | 17 | 17 | 17 | 17 | 17 | 17 |
| 6 | 50 | 39 | 32 | 27 | 48 | 38 | 32 | 27 | 36 | 30 | 26 | 34 | 29 | 25 | 32 | 28 | 24 | 23 | 23 | 23 | 19 | 19 | 19 | 15 | 15 | 15 | 14 | 14 | 14 | 14 | 14 | 14 |
| 7 | 46 | 36 | 29 | 24 | 44 | 35 | 28 | 24 | 33 | 27 | 23 | 31 | 26 | 22 | 29 | 25 | 21 | 20 | 20 | 20 | 16 | 16 | 16 | 12 | 12 | 12 | 11 | 11 | 11 | 11 | 11 | 11 |
| 8 | 43 | 32 | 26 | 21 | 41 | 32 | 25 | 21 | 30 | 24 | 20 | 28 | 23 | 20 | 27 | 22 | 19 | 17 | 17 | 17 | 13 | 13 | 13 | 9 | 9 | 9 | 8 | 8 | 8 | 8 | 8 | 8 |
| 9 | 40 | 30 | 23 | 19 | 39 | 29 | 23 | 19 | 27 | 22 | 18 | 26 | 21 | 18 | 25 | 20 | 17 | 16 | 16 | 16 | 12 | 12 | 12 | 8 | 8 | 8 | 7 | 7 | 7 | 7 | 7 | 7 |
| 10 | 38 | 27 | 21 | 17 | 36 | 27 | 21 | 17 | 25 | 20 | 16 | 24 | 19 | 16 | 23 | 19 | 15 | 14 | 14 | 14 | 10 | 10 | 10 | 6 | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 5 |

Zonal Lumen Summary

| Zone | Lumens | % Lamp | % Luminaire |
|--------|--------|--------|-------------|
| 0-30 | 986 | 16.2 | 21.1 |
| 0-40 | 1630 | 26.7 | 34.8 |
| 0-60 | 2974 | 48.8 | 63.6 |
| 0-90 | 4194 | 68.8 | 89.7 |
| 90-120 | 388 | 6.4 | 8.3 |
| 90-130 | 441 | 7.2 | 9.4 |
| 90-150 | 480 | 7.9 | 10.3 |
| 90-180 | 484 | 7.9 | 10.3 |
| 0-180 | 4678 | 76.7 | 100 |

Total Luminaire Optical Efficiency = 76.7%
Spacing Criterion: 0° = 1.22, 90° = 1.35

CRAFT LITE® LUMINAIRE ORDERING INFORMATION:

| SERIES | LAMP QTY | LAMP TYPE | LENS | OPT MATERIAL | OPTIONS | VOLTAGE |
|--------------------------------|--------------------|-----------|--|--------------|---|--|
| C6 Wet Location | 2 | | 2 .125 Clear Acrylic (No Pattern) | | EM2 Emergency (Specify Voltage) | 120V-277V/60Hz STD |
| HC6* Hazardous | 3 | | 3 .125 White Acrylic (base) | | EM3 Bodine BDL700 WET/IOTA I-48-DL WET or similar | 347V/60Hz |
| SC6 Splash Zone | T4 2 Tandem | | 4 .125 Prismatic Acrylic (P4) | | EM4 Bodine BDL500 WET/IOTA I-320-DL WET or similar | 50Hz & Other Voltages Available |
| FC6 Food Zone | T6 3 Tandem | | 5 .187 Sq. Light Control Acrylic (N/A 6FT) † | | EM8 Bodine BDL900 WET/IOTA I-40-DL WET or similar | |
| RC6 Marine Inside | | | 6 .125 Clear Polycarbonate (No Pattern) † | | BALLASTS (SPECIFY VOLTAGE) | |
| MC6 Inside Drip-proof | | | 7 .125 White Polycarbonate † | | D1 Lutron Dimming ECO-10 | |
| | | | 8 .156 Prismatic Polycarbonate (P12) † | | D2 Electronic Dimming | |
| | | | 9 Square Polycarbonate (White Standard. Clear & prismatic available.) | | D4 < 10% THD (Consult Factory) | |
| | | | LENSES AVAILABLE FOR FOOD ZONE | | E0 Low-Temp Electronic (N/A T12 RS & VHO) | |
| 40BX* F40T5TT (2FT) | 0° | | 6 .125 Clear Polycarbonate (No Pattern) † | | E2 2 Electronic Ballasts | |
| 50BX F50T5TT (2FT) | 0° | | 7 .125 White Polycarbonate (base) † | | E9 Rapid Start Electronic Ballast | |
| 14T5* F14T5 (2FT) | 0° | | 8 .156 Prismatic Polycarbonate (P12) † | | FUSING | |
| 17* F17T8 (2FT) | 0° | | 9 Square Polycarbonate (White Standard. Clear & prismatic available.) | | F1 GLR/HLR Fusing (Fast) | |
| 24T5H* F24T5/HO (2FT) | 0° | | | | F2 GMF/HLR Fusing (Slow) | |
| 25* F25T8 (3FT) | 0° | | | | LENSING | |
| 28T5* F28T5 (4FT) | 0° | | | | H1 Tandem Lens With Joiner Band | |
| 32* F32T8 (4FT) | 0° | | | | H2 .150 Extra Heavy Clear Acrylic | |
| 36H* F36T12/HO (3FT) | -20° | | | | H3 .150 Extra Heavy White Acrylic | |
| 48H* F48T12/HO (4FT) | -20° | | | | J0 Lamp Sleeves (Specify Color) | |
| 48T8H F48T8/HO (4FT) | -20° | | | | J8 Wire Guard (N/A Splash/Food Zones) | |
| 54T5H* F54T5/HO (4FT) | 0° | | | | MOUNTING | |
| 72H* F72T12/HO (6FT) | -20° | | | | M1 Pendant Mount (Pendants by Others) | |
| 72T8H F72T8/HO (6FT) | -20° | | | | M2 Mounting Bracket Kit (Surface / Chain) | |
| 96H* F96T12/HO (8FT) | -20° | | | | M3 In-Row (Row Information Required) | |
| 96T8* F96T8 (8FT) (59W) | 50° | | | | M6 Angled Mounting Bracket (Consult Agent) | |
| 96T8H* F96T8/HO (8FT) | -20° | | | | M9 Wall Mounting | |
| | | | | | MISC | |
| | | | | | P9 Special Paint Color (Provide Paint Code & Chip) | |
| | | | | | R5 Specular Aluminum Reflector | |
| | | | | | S1 Special Material (Consult Agent) | |
| | | | | | T3 Tamper Resistant | |
| | | | | | T6 Screw-on End Caps | |
| | | | | | W4 Inboard Outboard Wiring (Dual Switching) | |
| | | | | | W5 Rear Wire Entry (Consult Factory) | |

Colored acrylic lens available, consult agent.

† Lengths Greater than 4 foot Require Two (2) Lenses with a Joiner Band

- *S2 Stainless Steel Outer Channel
- *S3 Stainless Steel Exterior
- *S4 Stainless Steel Complete

* Note:
If Stainless Steel is ordered, 304 SS Standard 316 SS and other materials available, consult agent.

Add hyphens between options

INDIVIDUAL UNITS STANDARD.

Other Wattages and Lengths Available, Consult Factory.

NSF Food Processing Note:

Food Zone (F prefix) luminaires come in DIRECT CONTACT with food. Splash Zone (S prefix) units may become soiled, but are outside the danger of recontamination.

Information subject to change without notice. Lamps supplied by others.

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Project Information: