

|                |       |
|----------------|-------|
| CATALOG NUMBER |       |
| PROJECT NAME   | TYPE  |
| VOLTAGE        | LAMPS |



Industrial Lighting Products

# GRID HIGH BAY

## GRID CEILING HIGH BAY

### SPECIFICATIONS

- 2x4 or 2x2 Recessed Grid High Bay
- Specification Grade for New Construction or Renovation of any Building
- Multiple Reflector Options
  - 95% Enhanced Aluminum
  - 91% White Aluminum
- Multiple Lamp and Ballast Options
  - T5HO or T8
  - Super T8 High Efficiency
- Die Formed 23 Ga Steel Housing
- Ample KOs on Back and Ends
- Tool-Less Ballast Access
- Standard Configuration
  - No Lens
  - No Wire Cage
- Damp Listed
- Multiple Lens Options Available
- 11 Ga Wire Cage Available (2x4 Only)



### APPLICATIONS

- Multipurpose Rooms
- Gymnasiums
- Manufacturing
- Retail



### ORDERING GUIDE:

**GH2021 - 200 / E - 277 - WC**

| SERIES                                                                                                                                                                                                                                                                                                                                                                                                                                           | LAMP / REFLECTOR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | BALLAST                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | OPTIONS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> GH2021 - 2X2 1 Lamp<br><input type="checkbox"/> GH2022 - 2X2 2 Lamp<br><input type="checkbox"/> GH2023 - 2X2 3 Lamp<br><input type="checkbox"/> GH2024 - 2X2 4 Lamp<br><input type="checkbox"/> GH2026 - 2X2 6 Lamp<br><br><input type="checkbox"/> GH2042 - 2X4 2 Lamp<br><input type="checkbox"/> GH2043 - 2X4 3 Lamp<br><input type="checkbox"/> GH2044 - 2X4 4 Lamp<br><input type="checkbox"/> GH2046 - 2X4 6 Lamp | <input type="checkbox"/> 120W - Induction<br><input type="checkbox"/> 150W - Induction<br><input type="checkbox"/> 200W - Induction<br><input type="checkbox"/> 250W - Induction<br><input type="checkbox"/> 2x150W - Induction<br><input type="checkbox"/> 2x200W - Induction<br><input type="checkbox"/> 2x250W - Induction<br><br><input type="checkbox"/> E - 95% Enhanced Reflector<br><input type="checkbox"/> W - 91% White Reflector<br><input type="checkbox"/> N - White Ballast Cover Only | <input type="checkbox"/> 120V - Induction<br><input type="checkbox"/> 240V - Induction<br><input type="checkbox"/> 277V - Induction<br><br><input type="checkbox"/> T5/H - T5HO<br><input type="checkbox"/> T5/N - F28T5 NPF<br><input type="checkbox"/> T8/L - T8 LPF<br><input type="checkbox"/> T8/N - T8 NPF<br><input type="checkbox"/> T8/PSN - T8 NPF Program Start<br><input type="checkbox"/> T8/H - T8 HPF<br><input type="checkbox"/> T8/PSH - T8 HPF Program Start<br><input type="checkbox"/> 4H - 347-480V | <input type="checkbox"/> XXXXBBY - XXXX = Total # of Lumens Required<br>Y = # of Lamps<br><input type="checkbox"/> WC - 11 Ga Wire Cage<br><input type="checkbox"/> CA - Clear Acrylic Lens .062"<br><input type="checkbox"/> PC - Polycarbonate Lens .062"<br><input type="checkbox"/> PSM - Prismatic Lens A12<br><input type="checkbox"/> LIXX - Lamps Installed XX = Lamp Color (ex. LI50 = 5000K)<br><input type="checkbox"/> MCWHIPX - Flexible Conduite, X = Spec Length<br><input type="checkbox"/> CORDX - Cord, X = Spec Length<br><input type="checkbox"/> PLUG - Specified Type<br><input type="checkbox"/> QDCX - Quick Disconnect Cord, X = Spec Length<br><input type="checkbox"/> EB - Extra Ballast<br><input type="checkbox"/> SD480 - 480V Step Down Transformer |

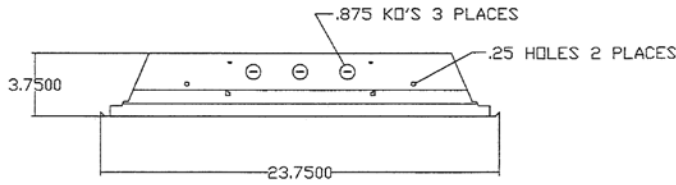


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### F2042-E-T8

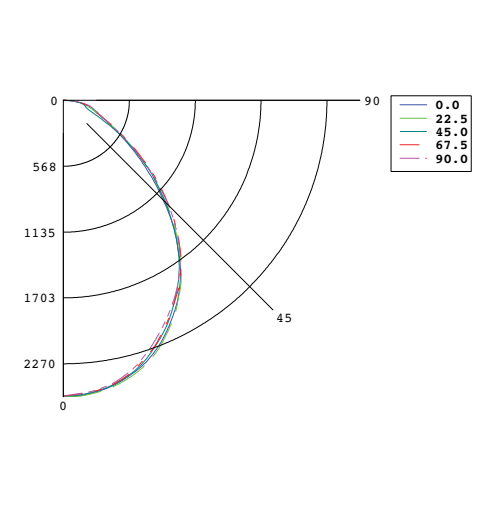
#### Luminaire Properties

|                      |               |
|----------------------|---------------|
| Number of Lamps:     | 2             |
| Lumens Per Lamp:     | 3050          |
| Input Watts:         | 72            |
| Distribution:        | Direct        |
| Symmetry:            | Quadrilateral |
| Photometric Type:    | Type C        |
| Luminous Shape:      | Rectangle     |
| Units:               | Feet          |
| Luminous Dimensions: |               |
| 0-180 Axis:          | 3.8           |
| 90-270 Axis:         | 1.8           |
| Height:              | 0.00          |

#### Zonal Lumen Summary

| Zone   | Lumens | % Lamp | % Fixture |
|--------|--------|--------|-----------|
| 0-30   | 1897   | 31     | 35        |
| 0-40   | 2989   | 49     | 56        |
| 0-60   | 4630   | 76     | 86        |
| 0-90   | 5364   | 88     | 100       |
| 90-120 | 0      | 0      | 0         |
| 90-150 | 0      | 0      | 0         |
| 90-180 | 0      | 0      | 0         |
| 0-180  | 5364   | 88     | 100       |

#### Candela Plot



#### Coefficients of Utilization

| RCR | pfc= 0.20 |     |      |     |      |     |      |     |      |    |      |    |    |    |    |    |    |
|-----|-----------|-----|------|-----|------|-----|------|-----|------|----|------|----|----|----|----|----|----|
|     | pcc->     |     | 0.80 |     | 0.70 |     | 0.50 |     | 0.30 |    | 0.10 |    |    |    |    |    |    |
| RCR | pw->      |     | 0.70 |     | 0.50 |     | 0.30 |     | 0.10 |    | 0.00 |    |    |    |    |    |    |
|     | 0         | 105 | 105  | 105 | 105  | 103 | 103  | 103 | 103  | 98 | 98   | 98 | 94 | 94 | 94 | 90 | 90 |
| 1   | 97        | 93  | 90   | 87  | 95   | 91  | 88   | 85  | 88   | 85 | 83   | 84 | 82 | 80 | 77 | 77 | 77 |
| 2   | 89        | 83  | 77   | 73  | 87   | 81  | 76   | 72  | 78   | 74 | 70   | 75 | 72 | 69 | 66 | 66 | 66 |
| 3   | 82        | 74  | 67   | 62  | 80   | 73  | 67   | 62  | 70   | 65 | 61   | 68 | 63 | 60 | 57 | 57 | 57 |
| 4   | 76        | 66  | 59   | 54  | 74   | 65  | 59   | 54  | 63   | 57 | 53   | 61 | 56 | 52 | 50 | 50 | 50 |
| 5   | 71        | 60  | 53   | 47  | 69   | 59  | 52   | 47  | 57   | 51 | 47   | 56 | 50 | 46 | 44 | 44 | 44 |
| 6   | 66        | 55  | 47   | 42  | 64   | 54  | 47   | 42  | 52   | 46 | 42   | 51 | 45 | 41 | 39 | 39 | 39 |
| 7   | 61        | 50  | 43   | 38  | 60   | 49  | 42   | 38  | 48   | 42 | 37   | 47 | 41 | 37 | 35 | 35 | 35 |
| 8   | 57        | 46  | 39   | 34  | 56   | 45  | 39   | 34  | 44   | 38 | 34   | 43 | 38 | 33 | 32 | 32 | 32 |
| 9   | 54        | 42  | 35   | 31  | 52   | 42  | 35   | 31  | 41   | 35 | 31   | 40 | 34 | 30 | 29 | 29 | 29 |
| 10  | 50        | 39  | 33   | 28  | 49   | 39  | 32   | 28  | 38   | 32 | 28   | 37 | 32 | 28 | 26 | 26 | 26 |