



2xCFM 26W GX24q-3 1800lm

Efficiency: 49%

22225.023 Reflector silver
2xCFM 26W GX24q-3 1800lm
ECG

Product description

Housing: cast aluminum, designed as heat sink.
 Mounting ring: cast aluminum, white (RAL9002) powder-coated.
 4-point support and screw tightening for fixing to mounting plate.
 Electronic control gear 120V/277V, 60Hz, class P inside cast housing.
 Mounting plate for preinstallation with junction box for through-wiring. Snap-in plug for connection between junction box and luminaire.
 Low brightness reflector: aluminum, specular anodized. Cut-off angle 30° from horizontal.
 Diffuser as lamp cover: plastic, translucent, for lamp replacement removable without tools.
 Type Non IC luminaire.
 Insulation materials must be kept away from the luminaire by a minimum of 3". Suitable for damp location. Removal of reflector allows access to junction box from below.
 Max. ceiling thickness 3/4".
 Weight 9.26lbs / 4.20kg

Planning Data

22225.023 CFM 26W GX24q-3 1800lm
 Connected load P: 52 W
 Connected load per 10fc P*: 0.4 W/ft²
 Number of luminaires per 10fc n*: 7.0 1/1000ft²

22225.023 CFM 26W GX24q-3 1800lm
 Number of luminaires per 1000ft² for

| | 10fc | 20fc | 30fc | 50fc |
|--|------|------|------|------|
| | 7 | 14 | 22 | 36 |

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| Module (ft) | 4x6 | 6x6 | 6x8 | 8x8 |
|------------------|-----|-----|-----|-----|
| Illuminance (fc) | 59 | 40 | 30 | 22 |

Correction table

| | | | | | |
|---------|------|------|------|------|---|
| Ceiling | 0.70 | 0.70 | 0.70 | 0.50 | 0 |
| Wall | 0.70 | 0.50 | 0.20 | 0.20 | 0 |
| Floor | 0.50 | 0.20 | 0.20 | 0.10 | 0 |

| | | | | | | |
|---|-----|-----|-----|----|----|----|
| k | 0.6 | 77 | 58 | 49 | 49 | 45 |
| k | 1.0 | 100 | 77 | 69 | 67 | 63 |
| k | 1.5 | 116 | 91 | 84 | 81 | 77 |
| k | 2.5 | 129 | 100 | 95 | 90 | 86 |
| k | 3.0 | 133 | 103 | 99 | 93 | 89 |

Lamp Information

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Note:

Photometric data may change when using different lamps. These guide values are based on 10ft ceiling height in a square room of 1000ft² and mean reflectances (ceiling 70 %, walls 50 % and floor 20 %). Other room shapes or reflectances should be converted accordingly. The values include the light loss factor of 0.8.

Coefficients of Utilisation

Reflectances

| | | | | | | | | | | | | | | | | | |
|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Ceiling | 80 | 80 | 80 | 70 | 70 | 70 | 50 | 50 | 50 | 50 | 30 | 30 | 30 | 10 | 10 | 10 | 0 |
| Wall | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 | 0 |
| Floor | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |

Room Cavity Ratio

| | | | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 0 | 62 | 62 | 62 | 60 | 60 | 60 | 56 | 56 | 56 | 53 | 53 | 53 | 50 | 50 | 50 | 49 |
| 1 | 54 | 54 | 54 | 53 | 53 | 52 | 51 | 51 | 50 | 48 | 48 | 48 | 47 | 46 | 46 | 45 |
| 2 | 50 | 49 | 48 | 49 | 48 | 47 | 47 | 46 | 45 | 45 | 45 | 44 | 44 | 43 | 43 | 42 |
| 3 | 46 | 44 | 43 | 45 | 44 | 42 | 43 | 42 | 41 | 42 | 41 | 40 | 41 | 40 | 39 | 38 |
| 4 | 42 | 40 | 38 | 42 | 40 | 38 | 40 | 39 | 37 | 39 | 38 | 37 | 38 | 37 | 36 | 35 |
| 5 | 39 | 37 | 35 | 39 | 36 | 34 | 37 | 36 | 34 | 36 | 35 | 33 | 35 | 34 | 33 | 32 |
| 6 | 36 | 33 | 31 | 36 | 33 | 31 | 35 | 32 | 30 | 34 | 32 | 30 | 33 | 31 | 30 | 29 |
| 7 | 33 | 30 | 28 | 33 | 30 | 28 | 32 | 29 | 27 | 31 | 29 | 27 | 30 | 28 | 27 | 26 |
| 8 | 31 | 27 | 25 | 30 | 27 | 25 | 29 | 27 | 25 | 29 | 26 | 24 | 28 | 26 | 24 | 23 |
| 9 | 28 | 25 | 22 | 28 | 25 | 22 | 27 | 24 | 22 | 26 | 24 | 22 | 26 | 23 | 22 | 21 |
| 10 | 26 | 23 | 20 | 26 | 22 | 20 | 25 | 22 | 20 | 24 | 22 | 20 | 24 | 21 | 19 | 19 |

Candlepower distribution

| Vertical Angle | Candelas | | |
|----------------|----------|-----|-----|
| | 0° | 45° | 90° |
| 0° | 939 | 939 | 939 |
| 10° | 965 | 965 | 965 |
| 20° | 953 | 953 | 953 |
| 30° | 819 | 819 | 819 |
| 40° | 623 | 623 | 623 |
| 50° | 347 | 347 | 347 |
| 60° | 4 | 4 | 4 |
| 70° | 0 | 0 | 0 |
| 80° | 0 | 0 | 0 |
| 90° | 0 | 0 | 0 |

Zonal Lumen Summery

| Zone | Lumens | %Lamp | %Fixture |
|------|--------|-------|----------|
| 0° | 0 | 0 | 0 |
| 10° | 91 | 3 | 5 |
| 20° | 365 | 10 | 21 |
| 30° | 778 | 22 | 44 |
| 40° | 1239 | 34 | 70 |
| 50° | 1610 | 45 | 91 |
| 60° | 1761 | 49 | 100 |
| 70° | 1762 | 49 | 100 |
| 80° | 1762 | 49 | 100 |
| 90° | 1762 | 49 | 100 |

Luminance Data

| Vertical Angle | Footlamberts | | |
|----------------|--------------|------|------|
| | 0° | 45° | 90° |
| 45° | 7995 | 7995 | 7995 |
| 50° | 6334 | 6334 | 6334 |
| 55° | 3445 | 3445 | 3445 |
| 60° | 95 | 95 | 95 |
| 65° | 0 | 0 | 0 |
| 70° | 0 | 0 | 0 |
| 75° | 0 | 0 | 0 |
| 80° | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 |

Accessories**83980.000**

Cover ring

Metal,white. For covering the gap where ceiling cut-outs are too big. Inner and outer diameter to be specified when placing order.