



CFM 26W GX24q-3 1800lm

Efficiency: 56%

22222.023 Reflector silver
 CFM 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 8.60lbs / 3.90kg

Planning Data

22222.023 CFM 26W GX24q-3 1800lm
 Connected load P: 28 W
 Connected load per 10fc P*: 0.3 W/ft²
 Number of luminaires per 10fc n*: 12.4 1/1000ft²

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 Number of luminaires per 1000ft² for
 10fc 20fc 30fc 50fc
 13 25 38 63

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 Module (ft) 4x6 6x6 6x8 8x8
 Illuminance (fc) 34 22 17 13

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	57	48	47	44
k	1.0	100	76	67	66	62
k	1.5	116	90	83	79	76
k	2.5	130	100	94	89	85
k	3.0	134	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	71	71	71	68	68	68	64	64	64	60	60	60	57	57	57	56
1	61	61	61	60	60	59	57	57	57	55	55	55	53	53	52	51
2	56	55	54	55	54	53	53	52	51	51	50	49	49	49	48	47
3	51	49	48	50	49	47	48	47	46	47	46	45	45	45	44	43
4	47	45	43	46	44	42	45	43	41	43	42	40	42	41	40	39
5	43	41	38	43	40	38	41	39	37	40	38	37	39	38	36	35
6	40	37	34	40	36	34	38	36	33	37	35	33	36	34	32	31
7	37	33	30	36	33	30	35	32	30	34	32	29	33	31	29	28
8	34	30	27	34	30	27	33	29	27	32	29	26	31	28	26	25
9	32	27	24	31	27	24	30	27	24	29	26	24	28	26	24	23
10	29	25	22	29	25	22	28	24	22	27	24	21	26	23	21	20

Candlepower distribution

Vertical Angle	Candelas		
	0°	45°	90°
0°	549	549	549
10°	558	558	558
20°	513	513	513
30°	438	438	438
40°	323	323	323
50°	197	197	197
60°	74	74	74
70°	0	0	0
80°	0	0	0
90°	0	0	0

Zonal Lumen Summery

Zone	Lumens	%Lamp	%Fixture
0°	0	0	0
10°	53	3	5
20°	205	11	20
30°	425	24	42
40°	663	37	66
50°	862	48	86
60°	986	55	98
70°	1003	56	100
80°	1003	56	100
90°	1003	56	100

Luminance Data

Vertical Angle	Footlamberts		
	0°	45°	90°
45°	5822	5822	5822
50°	4927	4927	4927
55°	4032	4032	4032
60°	2383	2383	2383
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.