

Ceiling Cutout: 105mm (4 1/8") Dia.

Reflector Trim	Installation Ring	Gear Harness	Lamp Data
C3MRPDWHEXP White Baffle, White Flange	C3XRM	C3TKEU50 C3LHAGU53 (less transformer)	MR16 12V GU5.3 QR-CB51 12V GU5.3 50W Max

Features

- Trim Kit Baffle/Trim Plate:** One-piece machined aluminum for a clean look. 32mm diameter miniature baffle and built-in aperture shield minimize and block view into fixture. Keyed to lamp support assembly for true aiming of lamp to prevent incorrect installation of cone. Hinged, and snaps on for easy tool-less installation. Trim plate is painted white.
- Lamp Support:** Die-formed aluminum with knurled surface for easy gripping during relamping. Spring tension clips hold lamp and lens and allow fast snap-in, snap-out relamping. Matte black finish. Accepts up to two accessories.
- Cover Glass:** High temperature, soft focus lens.
- Gear Harness:** Electronic low voltage transformer with lamp socket and wiring harness. ORDER SEPARATELY. See separate specification sheet for details. NOTE: Also available without transformer; item number C3LHAGU53.
- Installation Ring:** Cast aluminum ring is painted matte white and has two mounting springs, made from nickel plated spring steel. Unique tooth design ensures adequate bite into various building mediums with thicknesses between 12 mm and 38 mm. Installation Ring has built in Rotational Stop, made from thermally resistant injection molded plastic, allowing trim 365° of rotation. ORDER SEPARATELY. See separate Installation Ring specification sheet for more details.
- Inner Ring:** Cast aluminum; Twist-locks into place to secure reflector trim. Allows for quick tool-less installation and removal of reflector trims. Has built in screw for rotational locking. Use Allen Key provided with trim to lock fixture once in desired position, allowing for consistent re-lamping.

Accessories

- Color Filters:** ADF2 series (see ADF2 specification sheet)
Specialty Filters: AF2 series (see AF2 series specification sheets)
Louver: AL2HC

Certifications and Ratings

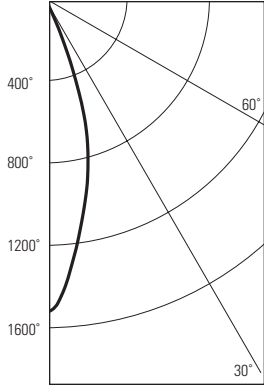


Job Information	Type:
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	

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37W MR16 IR - 40° Flood Sylvania Halogen Lamp, Lumen Rating = 840 LMS, 120V Electronic Transformer

CANDLEPOWER DISTRIBUTION



ANGLE LUMENS	MEAN CP
0	1524
5	1350
10	1069
15	813
20	485
25	139
30	24
35	7
40	1
45	0
50	0
55	0
60	0
65	0
70	0
75	0
80	0
85	0
90	0

LUMINANCE SUMMARY CD. / SQ.M.	
ANGLE	MEAN CD/SQ M
45	0
55	0
65	0
75	0
85	0

ZONAL LUMENS AND PERCENTAGES			
ZONE	LUMENS	% LAMP	%LUMINAIRE
0-30	442	52.70	98.47
0-40	448	53.42	99.81
0-60	449	53.51	99.97
0-90	449	53.52	100.00
40-90	0	0.10	0.19
60-90	0	0.01	0.03
90-180	0	0.00	0.00
0-180	449	53.52	100.00

Coefficients of Utilization

CEILING	80%				70%		50%		30%		0
	70	50	30	10	50	10	50	10	50	10	
WALL	70	50	30	10	50	10	50	10	50	10	0
RCR	Zonal Cavity Method - Effective Floor Cavity Reflectance =										
0	.64	.64	.64	.64	.62	.62	.59	.59	.57	.57	.54
1	.62	.61	.60	.60	.60	.59	.58	.57	.56	.55	.53
2	.60	.59	.58	.57	.58	.56	.56	.55	.55	.54	.52
3	.59	.57	.56	.54	.56	.54	.55	.53	.54	.52	.51
4	.58	.56	.54	.53	.55	.52	.54	.52	.53	.51	.50
5	.57	.54	.52	.51	.54	.51	.53	.50	.52	.50	.49
6	.56	.53	.51	.50	.53	.50	.52	.49	.51	.49	.48
7	.54	.52	.50	.49	.51	.48	.51	.48	.50	.48	.47
8	.53	.50	.49	.48	.50	.47	.50	.47	.49	.47	.46
9	.52	.49	.48	.46	.49	.46	.49	.46	.48	.46	.46
10	.51	.48	.47	.45	.48	.45	.48	.45	.48	.45	.45

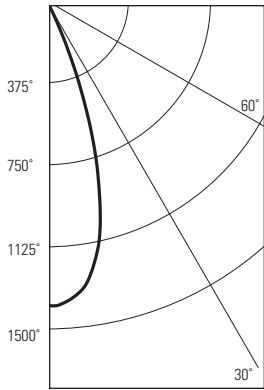
** EFFICIENCY = 53.5% **
SC = .5

CERTIFIED TEST REPORT NO. 2739FR DATE: SEPT 24, 2004
COMPUTED BY LSI PROGRAM **TEST-LITE**

LUMINAIRE INPUT WATTS = 38

50W MR16 IR - 40° Flood GE Halogen Lamp, Lumen Rating = 800 LMS, 120V Electronic Transformer

CANDLEPOWER DISTRIBUTION



ANGLE LUMENS	MEAN CP
0	1391
5	1364
10	1234
15	944
20	539
25	166
30	31
35	7
40	2
45	0
50	0
55	0
60	0
65	0
70	0
75	0
80	0
85	0
90	0

LUMINANCE SUMMARY CD. / SQ.M.	
ANGLE	MEAN CD/SQ M
45	0
55	0
65	0
75	0
85	0

ZONAL LUMENS AND PERCENTAGES			
ZONE	LUMENS	% LAMP	%LUMINAIRE
0-30	491	61.43	98.34
0-40	498	62.36	99.83
0-60	499	62.45	99.97
0-90	499	62.47	100.00
40-90	0	0.11	0.17
60-90	0	0.02	0.03
90-180	0	0.00	0.00
0-180	499	62.47	100.00

Coefficients of Utilization

CEILING	80%				70%		50%		30%		0
	70	50	30	10	50	10	50	10	50	10	
WALL	70	50	30	10	50	10	50	10	50	10	0
RCR	Zonal Cavity Method - Effective Floor Cavity Reflectance =										
0	.74	.74	.74	.74	.73	.73	.69	.69	.66	.66	.62
1	.72	.71	.70	.70	.70	.68	.68	.66	.65	.64	.62
2	.70	.69	.67	.66	.68	.65	.66	.64	.64	.63	.60
3	.69	.67	.65	.63	.66	.63	.64	.62	.63	.61	.60
4	.67	.65	.63	.61	.64	.61	.63	.60	.62	.60	.58
5	.66	.63	.61	.59	.62	.59	.61	.59	.61	.58	.57
6	.65	.62	.59	.58	.61	.58	.60	.57	.60	.57	.56
7	.63	.60	.58	.56	.60	.56	.59	.56	.58	.56	.55
8	.62	.59	.57	.56	.58	.55	.58	.55	.57	.55	.54
9	.61	.57	.55	.54	.57	.54	.57	.54	.56	.53	.53
10	.59	.56	.54	.53	.56	.53	.55	.53	.55	.52	.52

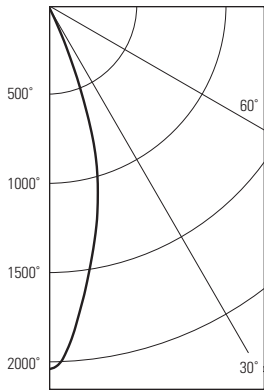
** EFFICIENCY = 62.5% **
SC = .6

CERTIFIED TEST REPORT NO. 2720FR DATE: SEPT 5, 2004
COMPUTED BY LSI PROGRAM **TEST-LITE**

LUMINAIRE INPUT WATTS = 51

50W MR16 IR - 40° Flood Sylvania Halogen Lamp, Lumen Rating = 1125 LMS, 120V Electronic Transformer

CANDLEPOWER DISTRIBUTION



ANGLE LUMENS	MEAN CP
0	2041
5	1808
10	1433
15	1089
20	650
25	186
30	33
35	9
40	2
45	1
50	1
55	1
60	0
65	0
70	0
75	0
80	0
85	0
90	0

LUMINANCE SUMMARY CD. / SQ.M.	
ANGLE	MEAN CD/SQ M
45	0
55	0
65	0
75	0
85	0

ZONAL LUMENS AND PERCENTAGES			
ZONE	LUMENS	% LAMP	%LUMINAIRE
0-30	593	52.72	98.39
0-40	601	53.45	99.75
0-60	602	53.57	99.97
0-90	602	53.59	100.00
40-90	1	0.13	0.25
60-90	0	0.02	0.03
90-180	0	0.00	0.00
0-180	602	53.59	100.00

Coefficients of Utilization

CEILING	80%				70%		50%		30%		0
	70	50	30	10	50	10	50	10	50	10	
WALL	70	50	30	10	50	10	50	10	50	10	0
RCR	Zonal Cavity Method - Effective Floor Cavity Reflectance =										
0	.64	.64	.64	.64	.62	.62	.60	.60	.57	.57	.54
1	.62	.61	.60	.60	.60	.59	.58	.57	.56	.55	.53
2	.60	.59	.58	.57	.58	.56	.56	.55	.55	.54	.52
3	.59	.57	.56	.54	.56	.54	.55	.53	.54	.52	.51
4	.58	.56	.54	.53	.55	.52	.54	.52	.51	.51	.50
5	.57	.54	.52	.51	.54	.51	.53	.50	.52	.50	.49
6	.56	.53	.51	.50	.53	.50	.52	.49	.51	.49	.48
7	.54	.52	.50	.49	.51	.48	.51	.48	.50	.48	.47
8	.53	.50	.49	.48	.50	.47	.50	.47	.49	.47	.46
9	.52	.49	.48	.46	.49	.46	.49	.46	.48	.46	.46
10	.51	.48	.47	.45	.48	.45	.48	.45	.48	.45	.45

** EFFICIENCY = 53.6% **
SC = .5

CERTIFIED TEST REPORT NO. 2721FR DATE: SEPT 5, 2004
COMPUTED BY LSI PROGRAM **TEST-LITE**

LUMINAIRE INPUT WATTS = 51

Job Information **Type:**

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