

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

Reflector Trim	Installation Ring	Gear Harness	Lamp Data
<b>C3MRLCCDPEXP</b> Comfort Clear Diffuse, Polished Flange	<b>C3XRM</b>	<b>C3TKEU50</b> <b>C3LHAGU53</b> (less transformer)	MR16 12V GU5.3 QR-CB51 12V GU5.3 50W Max

### Features

- Trim Kit Aperture Cone:** Low brightness; anodized aluminum; 50° visual cut-off to lamp and lamp image. Hinged, and snaps on for easy tool-less installation. Self-flange in aperture matching polished flange.
- 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.
- Directional Spread Lens:** High temperature, tempered glass. Precisely contoured to fit onto cone; replaceable.
- 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.

### Certifications and Ratings



#### Job Information

#### Type:

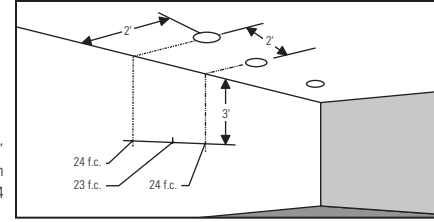
**Job Name:**

**Cat. No.:**

**Lamp(s):**

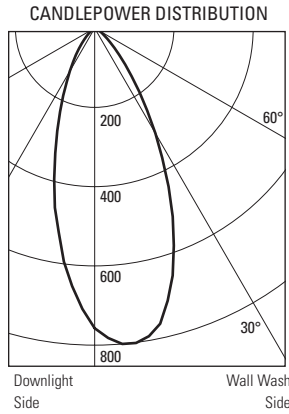
**Notes:**

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**Example:** With multiple units located 2' from wall and 2' on center, the illumination on the wall 3'-down from the ceiling is 24 f.c. beneath and 23 f.c. between fixtures.

**37W MR16 IR - 40° FLOOD** SYLVANIA HALOGEN LAMP, LUMEN RATING = 840 LMS., 120V ELECTRONIC TRANSFORMER CL FINISH REFLECTOR, REPORT NO. 2774FR



**Multiple Units - Footcandles On Wall**  
2' from Wall - 2' On Center

Distance From Ceiling in Feet	2'	2'	2'
1	2.8	2.5	2.8
2	7.3	6.7	7.3
3	11.9	11.3	11.9
4	13.1	12.8	13.1
5	11.8	11.6	11.8
6	10.3	10.2	10.3
7	8.5	8.4	8.5
8	7.2	7.1	7.2
9	6.1	6.1	6.1
10	5.4	5.3	5.4
11	4.8	4.8	4.8
12	4.5	4.5	4.5
13	4.2	4.2	4.2
14	4.2	4.1	4.2

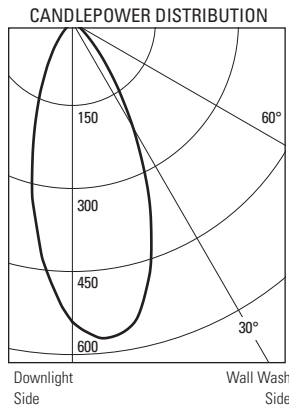
**Multiple Units - Footcandles On Wall**  
2' from Wall - 3' On Center

Distance From Ceiling in Feet	2'	3'	2'
1	2.2	1.4	2.2
2	6.0	3.6	6.0
3	8.9	6.8	8.9
4	9.3	8.2	9.3
5	8.2	7.6	8.2
6	7.1	6.8	7.1
7	5.8	5.6	5.8
8	4.9	4.8	4.9
9	4.2	4.1	4.2
10	3.6	3.6	3.6
11	3.3	3.3	3.3
12	3.0	3.0	3.0
13	2.9	2.9	2.9
14	2.8	2.8	2.8

**Multiple Units - Footcandles On Wall**  
3' from Wall - 3' On Center

Distance From Ceiling in Feet	3'	3'	3'
1	1.2	1.1	1.2
2	2.0	1.7	2.0
3	3.4	3.1	3.4
4	5.1	4.7	5.1
5	6.0	5.8	6.0
6	6.2	6.0	6.2
7	5.9	5.8	5.9
8	5.5	5.4	5.5
9	5.0	4.9	5.0
10	4.5	4.5	4.5
11	4.1	4.1	4.1
12	3.8	3.7	3.8
13	3.5	3.5	3.5
14	3.4	3.4	3.4

**50W MR16 - 40° FLOOD** GE HALOGEN LAMP, LUMEN RATING = 800 LMS., 120V ELECTRONIC TRANSFORMER CL FINISH REFLECTOR, REPORT NO. 2816FR



**Multiple Units - Footcandles On Wall**  
2' from Wall - 2' On Center

Distance From Ceiling in Feet	2'	2'	2'
1	3.8	3.4	3.8
2	9.8	8.9	9.8
3	16.0	15.1	16.0
4	17.6	17.1	17.6
5	15.8	15.5	15.8
6	13.8	13.6	13.8
7	11.4	11.3	11.4
8	9.6	9.5	9.6
9	8.2	8.2	8.2
10	7.2	7.2	7.2
11	6.5	6.5	6.5
12	6.0	6.0	6.0
13	5.7	5.7	5.7
14	5.6	5.6	5.6

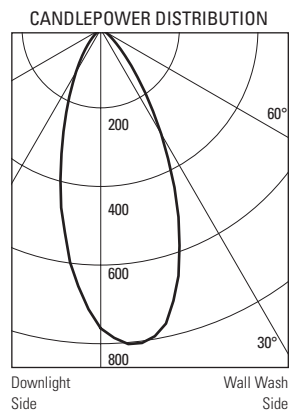
**Multiple Units - Footcandles On Wall**  
2' from Wall - 3' On Center

Distance From Ceiling in Feet	2'	3'	2'
1	3.0	2.0	3.0
2	8.1	4.8	8.1
3	11.9	9.1	11.9
4	12.5	10.9	12.5
5	10.9	10.2	10.9
6	9.5	9.1	9.5
7	7.8	7.5	7.8
8	6.5	6.4	6.5
9	5.6	5.5	5.6
10	4.9	4.8	4.9
11	4.4	4.4	4.4
12	4.1	4.0	4.1
13	3.8	3.8	3.8
14	3.8	3.8	3.8

**Multiple Units - Footcandles On Wall**  
3' from Wall - 3' On Center

Distance From Ceiling in Feet	3'	3'	3'
1	1.6	1.5	1.6
2	2.7	2.3	2.7
3	4.6	4.2	4.6
4	6.8	6.4	6.8
5	8.1	7.8	8.1
6	8.3	8.0	8.3
7	7.9	7.7	7.9
8	7.3	7.2	7.3
9	6.7	6.6	6.7
10	6.0	6.0	6.0
11	5.5	5.4	5.5
12	5.0	5.0	5.0
13	4.7	4.7	4.7
14	4.5	4.5	4.5

**50W MR16 - 40° FLOOD** SYLVANIA HALOGEN LAMP, LUMEN RATING = 1125 LMS., 120V ELECTRONIC TRANSFORMER CL FINISH REFLECTOR, REPORT NO. 2700FR



**Multiple Units - Footcandles On Wall**  
2' from Wall - 2' On Center

Distance From Ceiling in Feet	2'	2'	2'
1	3.7	3.3	3.7
2	9.8	8.9	9.8
3	15.9	15.1	15.9
4	17.5	17.1	17.5
5	15.8	15.5	15.8
6	13.8	13.6	13.8
7	11.3	11.2	11.3
8	9.6	9.5	9.6
9	8.2	8.1	8.2
10	7.2	7.1	7.2
11	6.4	6.4	6.4
12	5.9	5.9	5.9
13	5.6	5.6	5.6
14	5.6	5.5	5.6

**Multiple Units - Footcandles On Wall**  
2' from Wall - 3' On Center

Distance From Ceiling in Feet	2'	3'	2'
1	3.0	1.9	3.0
2	8.0	4.8	8.0
3	11.9	9.1	11.9
4	12.5	10.9	12.5
5	10.9	10.1	10.9
6	9.4	9.0	9.4
7	7.7	7.5	7.7
8	6.5	6.4	6.5
9	5.5	5.5	5.5
10	4.8	4.8	4.8
11	4.3	4.3	4.3
12	4.0	4.0	4.0
13	3.8	3.8	3.8
14	3.7	3.7	3.7

**Multiple Units - Footcandles On Wall**  
3' from Wall - 3' On Center

Distance From Ceiling in Feet	3'	3'	3'
1	1.6	1.4	1.6
2	2.7	2.3	2.7
3	4.6	4.2	4.6
4	6.8	6.3	6.8
5	8.0	7.7	8.0
6	8.2	8.0	8.2
7	7.8	7.7	7.8
8	7.3	7.1	7.3
9	6.6	6.5	6.6
10	6.0	5.9	6.0
11	5.4	5.4	5.4
12	5.0	4.9	5.0
13	4.7	4.6	4.7
14	4.5	4.4	4.5

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