

SHRDI 1x4 ft.

Direct/Indirect, Center diffuser,
Surface Mount

FEATURES & SPECIFICATIONS

INTENDED USE

Specification grade, direct / indirect center diffuser luminaire provides smooth and uniform ambient lighting for all commercial and industrial buildings with recessed configurations. Reflected light from matte surfaces provide a softened "sky light" appearance to the modern office environment.

SIZE W x L x H in inches (mm)

11.56W x 48.0L x 5.5Dp (600 x 610 x 140)

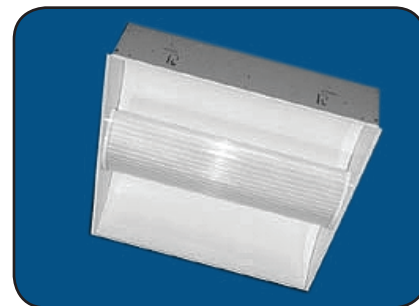
LAMP

2 lamp positions

MATERIALS & FEATURES

Housing is die-formed and embossed code 22 gage steel. Luminaire body finish is high reflectance baked white enamel, with matte white reflectors. Wiring knockouts are provided on the back of housing. Center diffuser snaps into place; no tools are required for removal. Diffuser is perforated to maintain even brightness, and provided with an internal, acrylic overlay to obscure lamps.

- Direct / indirect mimics "sky light" appearance
- Matte white reflective surfaces for soft, uniform light distribution
- Recessed perforated center diffuser with acrylic overlay.



MOUNTING

Surface Mount

LISTING

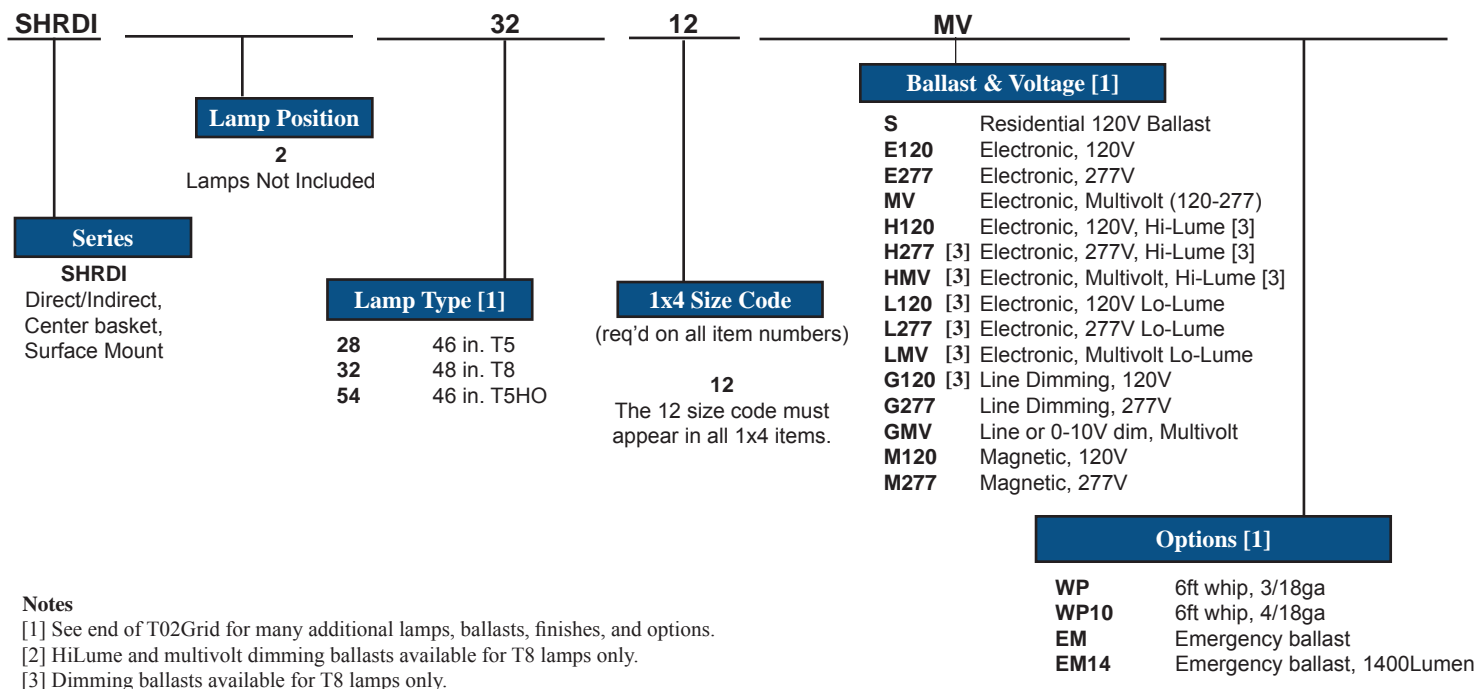
Fixture and Ballast: UL Listed.
Ballast: Thermally protected, class P, HPF, Non PCB.

TYPICAL OPTIONS AND ACCESSORIES

Emergency ballasts, whips, and lenses.
See options page at the end of the T02Grid section, or contact factory for more details.

ORDERING INFORMATION

Example: SHRDI23212MV



Notes

- [1] See end of T02Grid for many additional lamps, ballasts, finishes, and options.
[2] HiLume and multivolt dimming ballasts available for T8 lamps only.
[3] Dimming ballasts available for T8 lamps only.

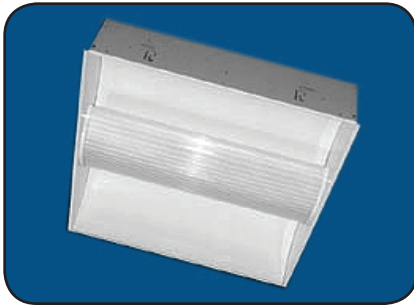
EM14 ballast required for T5, TT5 & T5HO lamps

Catalog Number:

Notes:

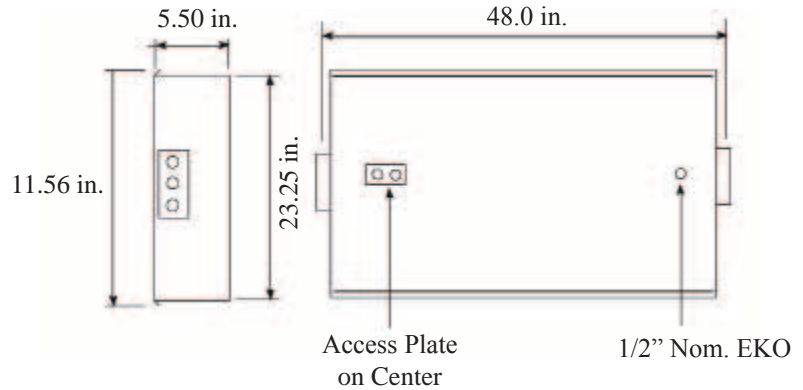
SHRDI 1x4 ft.

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Surface Mount



DIMENSIONS

All dimensions are inches. Specifications subject to change without notice.



PHOTOMETRICS

Calculated using the zonal cavity method in accordance with IESNA LM41 procedure. Lamp configurations shown are

Floor	20%	20%	20%	20%	20%	20%	20%	20%	20%
Ceiling	80%	80%	80%	70%	70%	70%	50%	50%	50%
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%
RCR	Zonal cavity coefficients			SHRDI 317		Spacing ratio.		Along 1.2	Across 1.9
0	0.71	0.70	0.70	0.69	0.69	0.68	0.66	0.66	0.65
1	0.65	0.61	0.59	0.63	0.60	0.58	0.58	0.56	0.54
2	0.59	0.54	0.49	0.57	0.52	0.49	0.50	0.47	0.44
3	0.54	0.47	0.42	0.52	0.46	0.41	0.44	0.40	0.37
4	0.49	0.42	0.36	0.48	0.41	0.36	0.39	0.35	0.32
5	0.45	0.37	0.32	0.44	0.36	0.31	0.35	0.31	0.27
6	0.42	0.33	0.28	0.40	0.33	0.28	0.32	0.27	0.24
7	0.39	0.30	0.25	0.38	0.30	0.25	0.39	0.24	0.21
8	0.36	0.28	0.23	0.35	0.27	0.22	0.36	0.22	0.19
9	0.34	0.25	0.20	0.33	0.25	0.20	0.24	0.20	0.17
10	0.32	0.23	0.19	0.31	0.23	0.18	0.22	0.18	0.15

Floor	20%	20%	20%	20%	20%	20%	20%	20%	20%
Ceiling	80%	80%	80%	70%	70%	70%	50%	50%	50%
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%
RCR	Zonal cavity coefficients			SHRDI 240BX		Spacing ratio.		Along 1.2	Across 1.9
0	0.78	0.77	0.77	0.76	0.76	0.75	0.72	0.72	0.72
1	0.71	0.68	0.64	0.69	0.66	0.63	0.63	0.61	0.59
2	0.65	0.59	0.54	0.63	0.58	0.53	0.55	0.52	0.49
3	0.59	0.52	0.46	0.57	0.51	0.45	0.49	0.44	0.41
4	0.54	0.46	0.40	0.53	0.45	0.39	0.43	0.38	0.35
5	0.50	0.41	0.35	0.48	0.40	0.34	0.39	0.34	0.30
6	0.46	0.36	0.30	0.44	0.36	0.30	0.35	0.30	0.26
7	0.42	0.33	0.27	0.41	0.33	0.27	0.32	0.27	0.23
8	0.40	0.30	0.25	0.39	0.30	0.24	0.29	0.24	0.21
9	0.37	0.28	0.22	0.36	0.27	0.22	0.27	0.22	0.19
10	0.35	0.26	0.20	0.34	0.25	0.20	0.25	0.20	0.17

Floor	20%	20%	20%	20%	20%	20%	20%	20%	20%
Ceiling	80%	80%	80%	70%	70%	70%	50%	50%	50%
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%
RCR	Zonal cavity coefficients			SHRDI 224		Spacing ratio.		Along 1.2	Across 1.9
0	0.81	0.80	0.80	0.79	0.79	0.78	0.75	0.75	0.75
1	0.74	0.71	0.67	0.72	0.69	0.66	0.66	0.64	0.62
2	0.68	0.62	0.57	0.66	0.60	0.56	0.58	0.54	0.51
3	0.62	0.54	0.48	0.60	0.53	0.48	0.51	0.47	0.43
4	0.57	0.48	0.43	0.55	0.47	0.42	0.46	0.41	0.37
5	0.52	0.43	0.37	0.51	0.42	0.36	0.41	0.36	0.32
6	0.48	0.38	0.32	0.47	0.38	0.32	0.37	0.31	0.28
7	0.45	0.35	0.29	0.43	0.34	0.29	0.33	0.28	0.24
8	0.42	0.32	0.26	0.40	0.32	0.26	0.31	0.26	0.22
9	0.39	0.29	0.24	0.38	0.29	0.23	0.28	0.23	0.20
10	0.36	0.27	0.22	0.35	0.27	0.21	0.26	0.21	0.18

Floor	20%	20%	20%	20%	20%	20%	20%	20%	20%
Ceiling	80%	80%	80%	70%	70%	70%	50%	50%	50%
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%
RCR	Zonal cavity coefficients			SHRDI 340BX		Spacing ratio.		Along 1.2	Across 1.9
0	0.70	0.70	0.69	0.68	0.68	0.68	0.65	0.65	0.64
1	0.64	0.61	0.58	0.62	0.59	0.57	0.57	0.55	0.53
2	0.58	0.53	0.49	0.56	0.52	0.48	0.50	0.46	0.44
3	0.53	0.46	0.41	0.51	0.45	0.41	0.44	0.40	0.36
4	0.49	0.41	0.36	0.47	0.40	0.35	0.39	0.35	0.31
5	0.45	0.37	0.31	0.43	0.36	0.31	0.35	0.30	0.27
6	0.41	0.33	0.27	0.40	0.32	0.27	0.31	0.27	0.23
7	0.38	0.30	0.25	0.37	0.29	0.24	0.28	0.24	0.21
8	0.36	0.27	0.22	0.35	0.27	0.22	0.26	0.22	0.19
9	0.33	0.25	0.20	0.32	0.25	0.20	0.24	0.20	0.17
10	0.31	0.23	0.18	0.30	0.23	0.18	0.22	0.18	0.15

Catalog Number:
Notes:

SHRDI 2x2 ft.

Direct/Indirect, Center diffuser,
Surface Mount

FEATURES & SPECIFICATIONS

INTENDED USE

Specification grade, direct / indirect center diffuser luminaire provides smooth and uniform ambient lighting for all commercial and industrial buildings with recessed configurations. Reflected light from matte surfaces provide a softened "sky light" appearance to the modern office environment.

SIZE W x L x H in inches (mm)

23.75W x 24.0L x 5.5Dp (600 x 610 x 140)

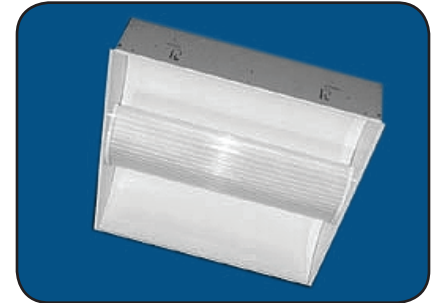
LAMP

2 or 3 lamp positions

MATERIALS & FEATURES

Housing is die-formed and embossed code 22 gage steel. Luminaire body finish is high reflectance baked white enamel, with matte white reflectors. Wiring knockouts are provided on the back of housing. Center diffuser snaps into place; no tools are required for removal. Diffuser is perforated to maintain even brightness, and provided with an internal, acrylic overlay to obscure lamps.

- Direct / indirect mimics "sky light" appearance
- Matte white reflective surfaces for soft, uniform light distribution
- Recessed perforated center diffuser with acrylic overlay.



MOUNTING

Surface Mount

LISTING

Fixture and Ballast: UL Listed.

Ballast: Thermally protected, class P, HPF, Non PCB.

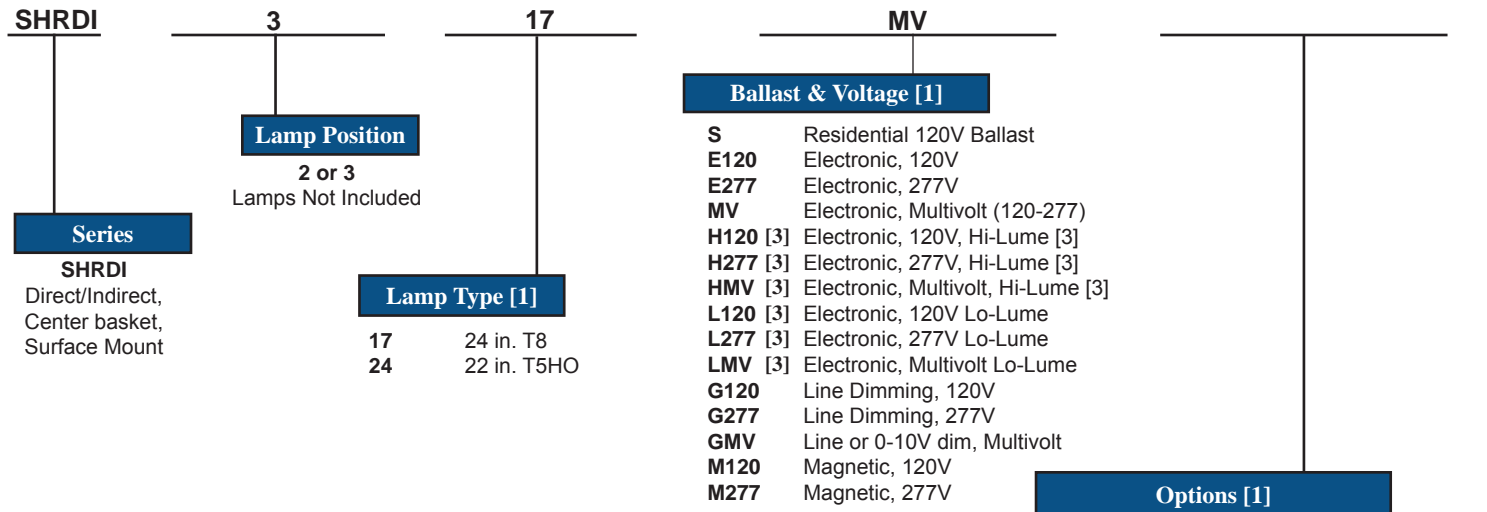
TYPICAL OPTIONS AND ACCESSORIES

Emergency ballasts, whips, and lenses.

See options page at the end of the T02Grid section, or contact factory for more details.

ORDERING INFORMATION

Example: SHRDI317MV



Notes

[1] See end of T02Grid for many additional lamps, ballasts, finishes, and options.

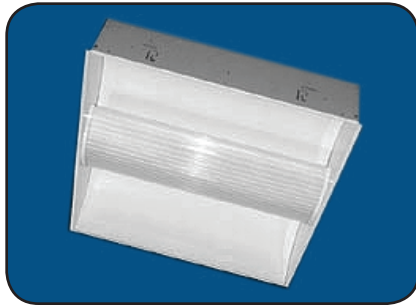
[2] HiLume and multivolt dimming ballasts available for T8 lamps only.

[3] Dimming ballasts available for T8 lamps only.

EM14 ballast required for T5, TT5 & T5HO lamps

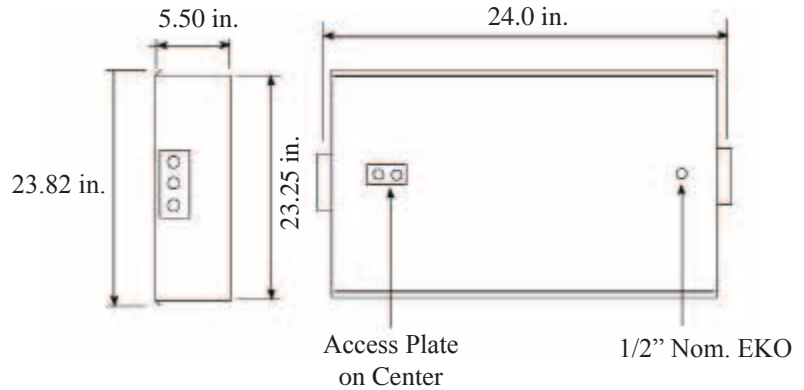
SHRDI 2x2 ft.

Direct/Indirect, Center diffuser,
Surface Mount



DIMENSIONS

All dimensions are inches. Specifications subject to change without notice.



PHOTOMETRICS

Calculated using the zonal cavity method in accordance with IESNA LM41 procedure. Lamp configurations shown are

Floor	20%	20%	20%	20%	20%	20%	20%	20%	20%
Ceiling	80%	80%	80%	70%	70%	70%	50%	50%	50%
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%
RCR	Zonal cavity coefficients			SHRDI 317		Spacing ratio.		Along 1.2	Across 1.9
0	0.71	0.70	0.70	0.69	0.69	0.68	0.66	0.66	0.65
1	0.65	0.61	0.59	0.63	0.60	0.58	0.58	0.56	0.54
2	0.59	0.54	0.49	0.57	0.52	0.49	0.50	0.47	0.44
3	0.54	0.47	0.42	0.52	0.46	0.41	0.44	0.40	0.37
4	0.49	0.42	0.36	0.48	0.41	0.36	0.39	0.35	0.32
5	0.45	0.37	0.32	0.44	0.36	0.31	0.35	0.31	0.27
6	0.42	0.33	0.28	0.40	0.33	0.28	0.32	0.27	0.24
7	0.39	0.30	0.25	0.38	0.30	0.25	0.39	0.24	0.21
8	0.36	0.28	0.23	0.35	0.27	0.22	0.36	0.22	0.19
9	0.34	0.25	0.20	0.33	0.25	0.20	0.24	0.20	0.17
10	0.32	0.23	0.19	0.31	0.23	0.18	0.22	0.18	0.15

Floor	20%	20%	20%	20%	20%	20%	20%	20%	20%
Ceiling	80%	80%	80%	70%	70%	70%	50%	50%	50%
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%
RCR	Zonal cavity coefficients			SHRDI 240BX		Spacing ratio.		Along 1.2	Across 1.9
0	0.78	0.77	0.77	0.76	0.76	0.75	0.72	0.72	0.72
1	0.71	0.68	0.64	0.69	0.66	0.63	0.63	0.61	0.59
2	0.65	0.59	0.54	0.63	0.58	0.53	0.55	0.52	0.49
3	0.59	0.52	0.46	0.57	0.51	0.45	0.49	0.44	0.41
4	0.54	0.46	0.40	0.53	0.45	0.39	0.43	0.38	0.35
5	0.50	0.41	0.35	0.48	0.40	0.34	0.39	0.34	0.30
6	0.46	0.36	0.30	0.44	0.36	0.30	0.35	0.30	0.26
7	0.42	0.33	0.27	0.41	0.33	0.27	0.32	0.27	0.23
8	0.40	0.30	0.25	0.39	0.30	0.24	0.29	0.24	0.21
9	0.37	0.28	0.22	0.36	0.27	0.22	0.27	0.22	0.19
10	0.35	0.26	0.20	0.34	0.25	0.20	0.25	0.20	0.17

Floor	20%	20%	20%	20%	20%	20%	20%	20%	20%
Ceiling	80%	80%	80%	70%	70%	70%	50%	50%	50%
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%
RCR	Zonal cavity coefficients			SHRDI 224		Spacing ratio.		Along 1.2	Across 1.9
0	0.81	0.80	0.80	0.79	0.79	0.78	0.75	0.75	0.75
1	0.74	0.71	0.67	0.72	0.69	0.66	0.66	0.64	0.62
2	0.68	0.62	0.57	0.66	0.60	0.56	0.58	0.54	0.51
3	0.62	0.54	0.48	0.60	0.53	0.48	0.51	0.47	0.43
4	0.57	0.48	0.43	0.55	0.47	0.42	0.46	0.41	0.37
5	0.52	0.43	0.37	0.51	0.42	0.36	0.41	0.36	0.32
6	0.48	0.38	0.32	0.47	0.38	0.32	0.37	0.31	0.28
7	0.45	0.35	0.29	0.43	0.34	0.29	0.33	0.28	0.24
8	0.42	0.32	0.26	0.40	0.32	0.26	0.31	0.26	0.22
9	0.39	0.29	0.24	0.38	0.29	0.23	0.28	0.23	0.20
10	0.36	0.27	0.22	0.35	0.27	0.21	0.26	0.21	0.18

Floor	20%	20%	20%	20%	20%	20%	20%	20%	20%
Ceiling	80%	80%	80%	70%	70%	70%	50%	50%	50%
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%
RCR	Zonal cavity coefficients			SHRDI 340BX		Spacing ratio.		Along 1.2	Across 1.9
0	0.70	0.70	0.69	0.68	0.68	0.68	0.65	0.65	0.64
1	0.64	0.61	0.58	0.62	0.59	0.57	0.57	0.55	0.53
2	0.58	0.53	0.49	0.56	0.52	0.48	0.50	0.46	0.44
3	0.53	0.46	0.41	0.51	0.45	0.41	0.44	0.40	0.36
4	0.49	0.41	0.36	0.47	0.40	0.35	0.39	0.35	0.31
5	0.45	0.37	0.31	0.43	0.36	0.31	0.35	0.30	0.27
6	0.41	0.33	0.27	0.40	0.32	0.27	0.31	0.27	0.23
7	0.38	0.30	0.25	0.37	0.29	0.24	0.28	0.24	0.21
8	0.36	0.27	0.22	0.35	0.27	0.22	0.26	0.22	0.19
9	0.33	0.25	0.20	0.32	0.25	0.20	0.24	0.20	0.17
10	0.31	0.23	0.18	0.30	0.23	0.18	0.22	0.18	0.15

Catalog Number:
Notes:

SHRDI 2x4 ft.

Direct/Indirect, Center diffuser,
Surface Mount

FEATURES & SPECIFICATIONS

INTENDED USE

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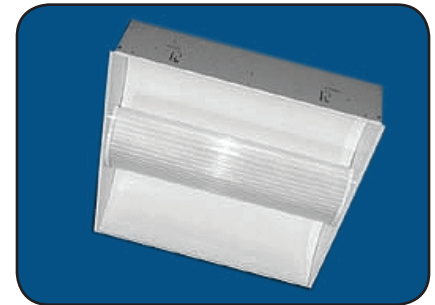
LAMP

2 or 3 lamp positions

MATERIALS & FEATURES

Housing is die-formed and embossed code 22 gage steel. Luminaire body finish is high reflectance baked white enamel, with matte white reflectors. Wiring knockouts are provided on the back of housing. Center diffuser snaps into place; no tools are required for removal. Diffuser is perforated to maintain even brightness, and provided with an internal, acrylic overlay to obscure lamps.

- Direct / indirect mimics "sky light" appearance
- Matte white reflective surfaces for soft, uniform light distribution
- Recessed perforated center diffuser with acrylic overlay.



MOUNTING

Surface Mount

LISTING

Fixture and Ballast: UL Listed.

Ballast: Thermally protected, class P, HPF, Non PCB.

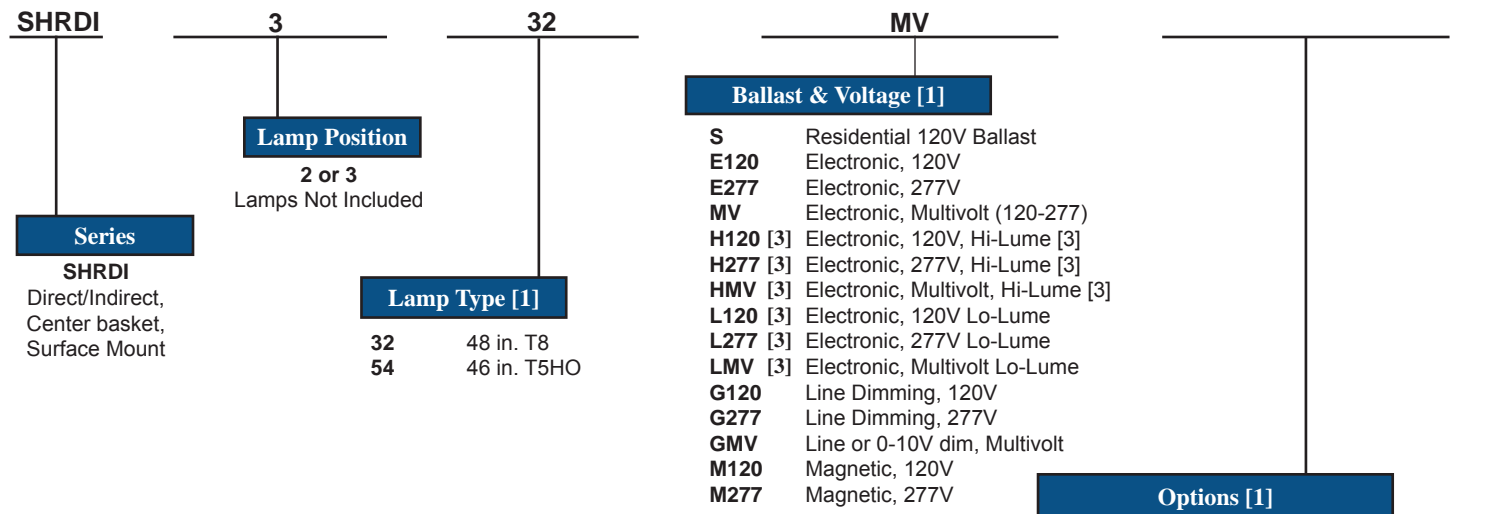
TYPICAL OPTIONS AND ACCESSORIES

Emergency ballasts, whips, and lenses.

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ORDERING INFORMATION

Example: SHRDI332MV



Notes

[1] See end of T02Grid for many additional lamps, ballasts, finishes, and options.

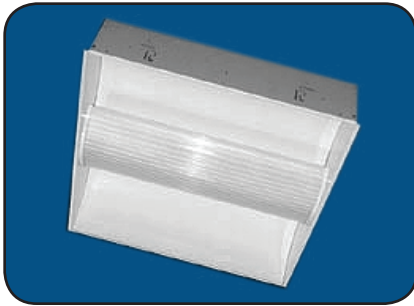
[2] HiLume and multivolt dimming ballasts available for T8 lamps only.

[3] Dimming ballasts available for T8 lamps only.

EM14 ballast required for T5, TT5 & T5HO lamps

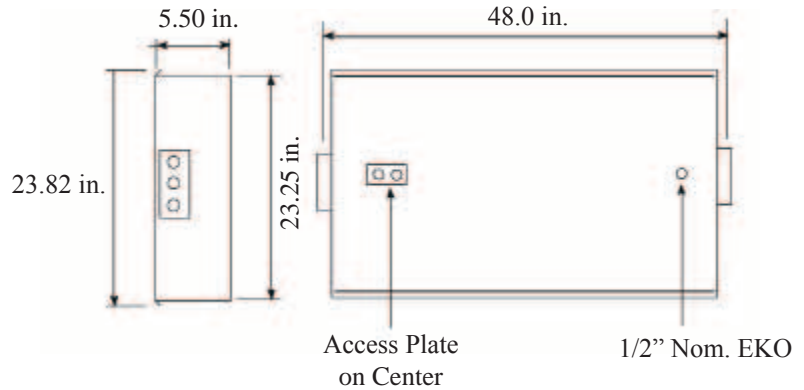
SHRDI 2x4 ft.

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PHOTOMETRICS

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Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%
RCR	Zonal cavity coefficients			SHRDI 317		Spacing ratio.		Along 1.2	Across 1.9
0	0.71	0.70	0.70	0.69	0.69	0.68	0.66	0.66	0.65
1	0.65	0.61	0.59	0.63	0.60	0.58	0.58	0.56	0.54
2	0.59	0.54	0.49	0.57	0.52	0.49	0.50	0.47	0.44
3	0.54	0.47	0.42	0.52	0.46	0.41	0.44	0.40	0.37
4	0.49	0.42	0.36	0.48	0.41	0.36	0.39	0.35	0.32
5	0.45	0.37	0.32	0.44	0.36	0.31	0.35	0.31	0.27
6	0.42	0.33	0.28	0.40	0.33	0.28	0.32	0.27	0.24
7	0.39	0.30	0.25	0.38	0.30	0.25	0.39	0.24	0.21
8	0.36	0.28	0.23	0.35	0.27	0.22	0.36	0.22	0.19
9	0.34	0.25	0.20	0.33	0.25	0.20	0.24	0.20	0.17
10	0.32	0.23	0.19	0.31	0.23	0.18	0.22	0.18	0.15

Floor	20%	20%	20%	20%	20%	20%	20%	20%	20%
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Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%
RCR	Zonal cavity coefficients			SHRDI 240BX		Spacing ratio.		Along 1.2	Across 1.9
0	0.78	0.77	0.77	0.76	0.76	0.75	0.72	0.72	0.72
1	0.71	0.68	0.64	0.69	0.66	0.63	0.63	0.61	0.59
2	0.65	0.59	0.54	0.63	0.58	0.53	0.55	0.52	0.49
3	0.59	0.52	0.46	0.57	0.51	0.45	0.49	0.44	0.41
4	0.54	0.46	0.40	0.53	0.45	0.39	0.43	0.38	0.35
5	0.50	0.41	0.35	0.48	0.40	0.34	0.39	0.34	0.30
6	0.46	0.36	0.30	0.44	0.36	0.30	0.35	0.30	0.26
7	0.42	0.33	0.27	0.41	0.33	0.27	0.32	0.27	0.23
8	0.40	0.30	0.25	0.39	0.30	0.24	0.29	0.24	0.21
9	0.37	0.28	0.22	0.36	0.27	0.22	0.27	0.22	0.19
10	0.35	0.26	0.20	0.34	0.25	0.20	0.25	0.20	0.17

Floor	20%	20%	20%	20%	20%	20%	20%	20%	20%
Ceiling	80%	80%	80%	70%	70%	70%	50%	50%	50%
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%
RCR	Zonal cavity coefficients			SHRDI 224		Spacing ratio.		Along 1.2	Across 1.9
0	0.81	0.80	0.80	0.79	0.79	0.78	0.75	0.75	0.75
1	0.74	0.71	0.67	0.72	0.69	0.66	0.66	0.64	0.62
2	0.68	0.62	0.57	0.66	0.60	0.56	0.58	0.54	0.51
3	0.62	0.54	0.48	0.60	0.53	0.48	0.51	0.47	0.43
4	0.57	0.48	0.43	0.55	0.47	0.42	0.46	0.41	0.37
5	0.52	0.43	0.37	0.51	0.42	0.36	0.41	0.36	0.32
6	0.48	0.38	0.32	0.47	0.38	0.32	0.37	0.31	0.28
7	0.45	0.35	0.29	0.43	0.34	0.29	0.33	0.28	0.24
8	0.42	0.32	0.26	0.40	0.32	0.26	0.31	0.26	0.22
9	0.39	0.29	0.24	0.38	0.29	0.23	0.28	0.23	0.20
10	0.36	0.27	0.22	0.35	0.27	0.21	0.26	0.21	0.18

Floor	20%	20%	20%	20%	20%	20%	20%	20%	20%
Ceiling	80%	80%	80%	70%	70%	70%	50%	50%	50%
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%
RCR	Zonal cavity coefficients			SHRDI 340BX		Spacing ratio.		Along 1.2	Across 1.9
0	0.70	0.70	0.69	0.68	0.68	0.68	0.65	0.65	0.64
1	0.64	0.61	0.58	0.62	0.59	0.57	0.57	0.55	0.53
2	0.58	0.53	0.49	0.56	0.52	0.48	0.50	0.46	0.44
3	0.53	0.46	0.41	0.51	0.45	0.41	0.44	0.40	0.36
4	0.49	0.41	0.36	0.47	0.40	0.35	0.39	0.35	0.31
5	0.45	0.37	0.31	0.43	0.36	0.31	0.35	0.30	0.27
6	0.41	0.33	0.27	0.40	0.32	0.27	0.31	0.27	0.23
7	0.38	0.30	0.25	0.37	0.29	0.24	0.28	0.24	0.21
8	0.36	0.27	0.22	0.35	0.27	0.22	0.26	0.22	0.19
9	0.33	0.25	0.20	0.32	0.25	0.20	0.24	0.20	0.17
10	0.31	0.23	0.18	0.30	0.23	0.18	0.22	0.18	0.15

Catalog Number:
Notes: