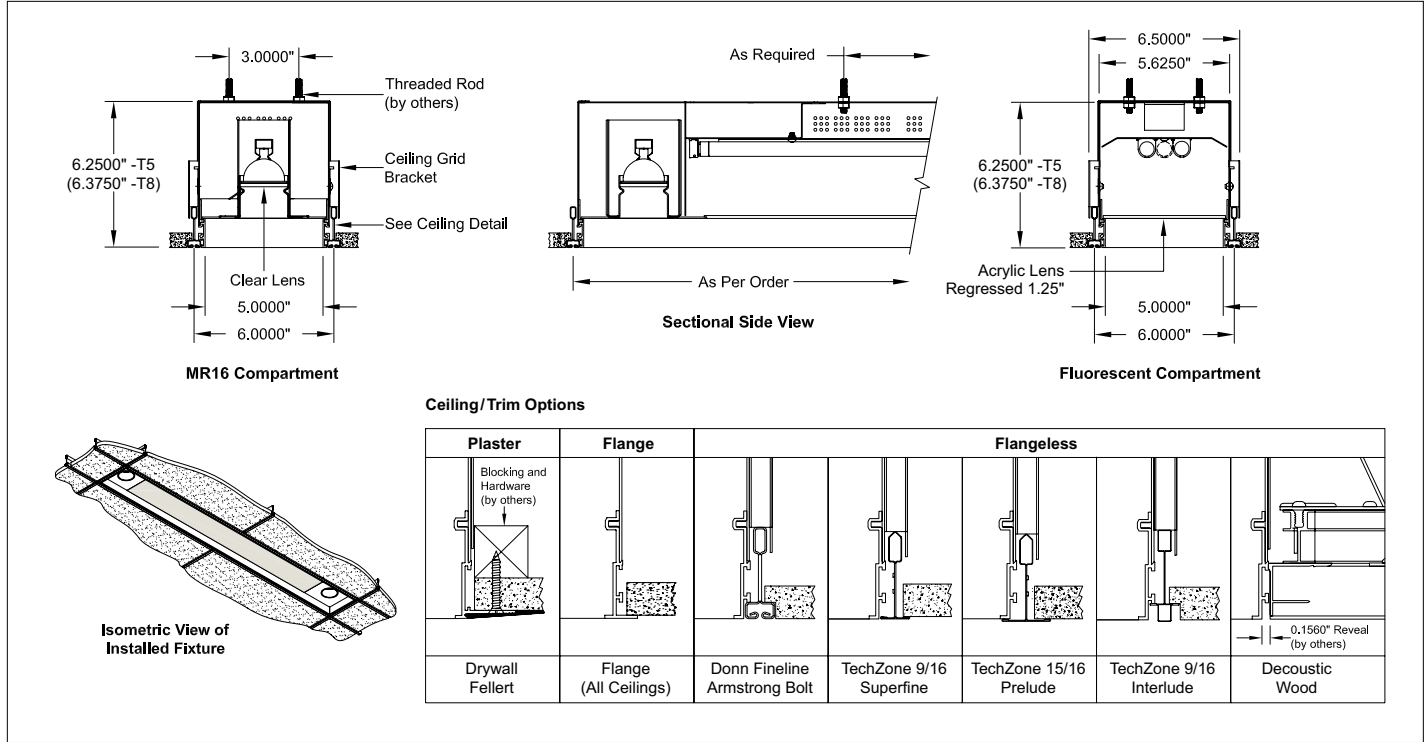


# Fluorescent Slot, Regressed Lens with MR16 Pinhole Aperture

T5



VRR6-          M6          -          T          -          -          W-         

# of MR16 Lamps      MR16 Wattage      # of Fluor Lamps in Cross Section      Fluor Lamp Wattage      Ballast      Length      Trim Options\*      Voltage

# of MR16	MR16 Wattage	# of Fluor in Cross Section	Fluor Wattage	Ballast (Specify below)	Length	Trim Options*	Voltage
<input type="checkbox"/> 1	<input type="checkbox"/> 20	<input type="checkbox"/> 1	See Configurations (Pages 2-3)	<input type="checkbox"/> E (Electronic) Std.	<input type="checkbox"/> 36" <input type="checkbox"/> 72"	<input type="checkbox"/> P (Plaster)	<input type="checkbox"/> 1 (120V)
<input type="checkbox"/> 2	<input type="checkbox"/> 37	<input type="checkbox"/> 2		<input type="checkbox"/> D (Dimming) †	<input type="checkbox"/> 48" <input type="checkbox"/> 84"	<input type="checkbox"/> F (Flange)	<input type="checkbox"/> 2 (277V)
<input type="checkbox"/> 3	<input type="checkbox"/> 50				<input type="checkbox"/> 60" <input type="checkbox"/> 96"	<input type="checkbox"/> X (Flangeless)	
						<input type="checkbox"/> Custom (specify)	

† Specify Ballast (required)

\* P=Plaster: For use with Drywall and Felltert.

F=Flange: Suitable for all ceiling types.

X=Flangeless: For use with Donn Fineline 9/16, Armstrong Bolt Slot 9/16, TechZone 9/16 Superfine, TechZone 15/16 Prelude, TechZone 9/16 Interlude, Decoustic and Wood.

**Description**

Fluorescent slot with regressed lens and MR16 pinhole aperture.

**Features**

- Standard Lenses: MR16-clear, Fluorescent-Frosted acrylic
- Shiplapped lenses for sections longer than 96"
- Fixtures fabricated to any length (Refer to Pages 2-3)
- Continuous run length configurations with fully illuminated corners
- Below ceiling access to ballast, transformer and wiring

**Fixture Specifications**

Finish: White (std), custom available  
 Weight: Approx. 8 lbs. per linear foot  
 Ceiling Cutout: Refer to Pages 2-3

**Electrical**

- Power Consumption: Per specification
- Ambient temperature 100 °F. maximum
- Integral electronic ballast(s), thermally protected and toroidal transformer(s)
- Through branch wiring capable.

**Mounting**

- Threaded rod, hanger wire or alternate mounting by others, consult factory

**Options (Consult factory)**

- Accessories/Lenses: Specify on Page 4
- Occupancy sensor, daylight control module and EM pack
- HVAC, fire sprinkler, surveillance or public address systems integration
- Nippo, Feellux, or Lumilux Seamless lamping
- Downlight: Metal halide or LED modules

**Photometry:** Page 5



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# Single Lamp Configurations

## VRR6

Job Name: \_\_\_\_\_ Fixture Type: \_\_\_\_\_

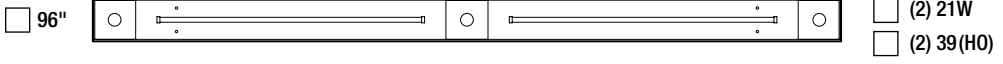
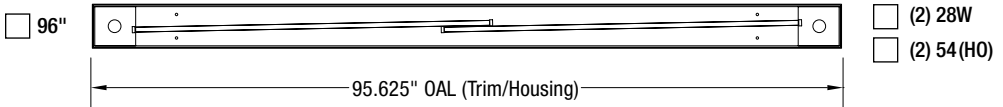
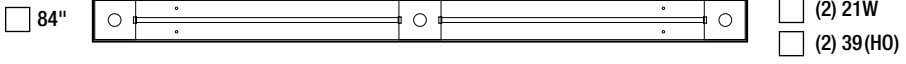
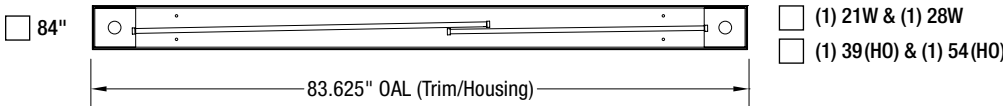
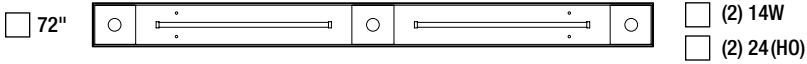
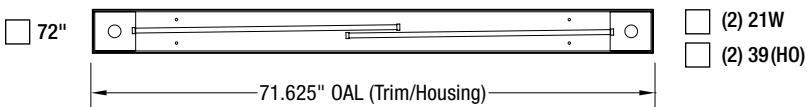
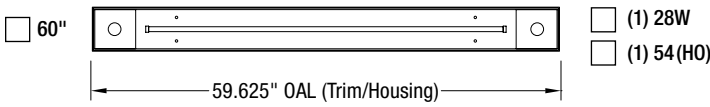
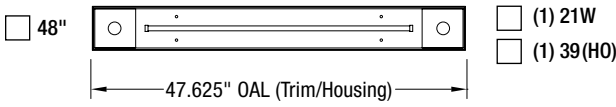
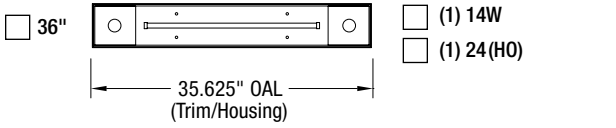
- 1 - Choose fixture configuration
- 2 - Select desired fluorescent lamp wattage

For single MR16 downlight configurations, consult factory.  
 Custom configurations upon request.

For fixture installation dimensions per trim type, follow formula below

Plaster	<b>Furthest extent of tape-in flange</b> Length: OAL + 1.5", Width: 7.125"
	<b>Ceiling cut out</b> Length: OAL + 0.125", Width: 5.75"
Flange	<b>Furthest extent of overlap flange</b> Length: OAL + 0.625", Width: 5.25"
	<b>Ceiling cut out</b> Length: OAL + 0.125", Width: 5.75"
Flangeless	<b>Opening for Wood/Tile/Decoustic ceilings</b> Length: OAL + 0.125", Width: 5.75"
	<b>CTC Grid spacing for T-Grid/ATC systems</b> Length: OAL + 0.375", Width: 6"

Example: Flangeless 48" (Nom) VRR6 in Decoustic ceiling  
 Length: 47.625" + 0.125" = 47.75" x 5.75" Wide



Starfire's patent pending EvenGlow™ system eliminates lamp/socket imaging and bright spots.

## VRR6

Job Name: \_\_\_\_\_ Fixture Type: \_\_\_\_\_

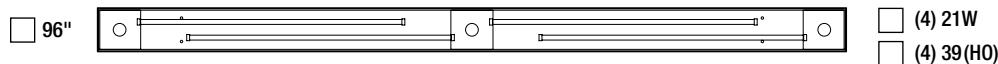
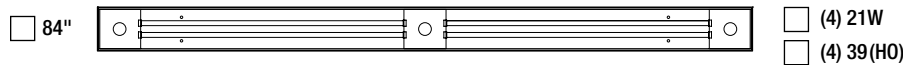
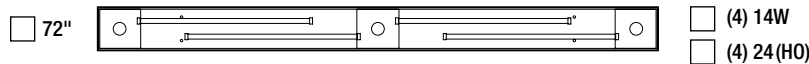
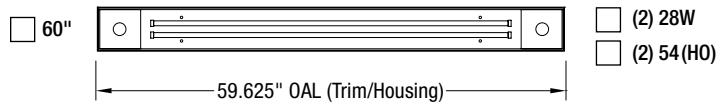
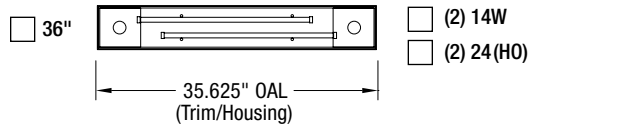
- 1 - Choose fixture configuration
- 2 - Select desired fluorescent lamp wattage

For single MR16 downlight configurations, consult factory.  
 Custom configurations upon request.

For fixture installation dimensions per trim type, follow formula below

Plaster	<b>Furthest extent of tape-in flange</b> Length: OAL + 1.5", Width: 7.125"
	<b>Ceiling cut out</b> Length: OAL + 0.125", Width: 5.75"
Flange	<b>Furthest extent of overlap flange</b> Length: OAL + 0.625", Width: 5.25"
	<b>Ceiling cut out</b> Length: OAL + 0.125", Width: 5.75"
Flangeless	<b>Opening for Wood/Tile/Decoustic ceilings</b> Length: OAL + 0.125", Width: 5.75"
	<b>CTC Grid spacing for T-Grid/ATC systems</b> Length: OAL + 0.375", Width: 6"

Example: Flangeless 48" (Nom) VRR6 in Decoustic ceiling  
 Length: 47.625" + 0.125" = 47.75" x 5.75" Wide



Starfire's patent pending EvenGlow™ system eliminates lamp/socket imaging and bright spots.

## VRR6


Job Name: \_\_\_\_\_ Fixture Type: \_\_\_\_\_

### Fluorescent Options

	Acrylic Lenses	Lens Efficiency	Cat. No.
<input type="checkbox"/>	Frosted (2067-P95)	81%	(standard)
<input type="checkbox"/>	2447-P95	47%	47P
<input type="checkbox"/>	D-Glare, Hi-Def	93%	DH

For other lens options, consult factory.

### Point Source Options

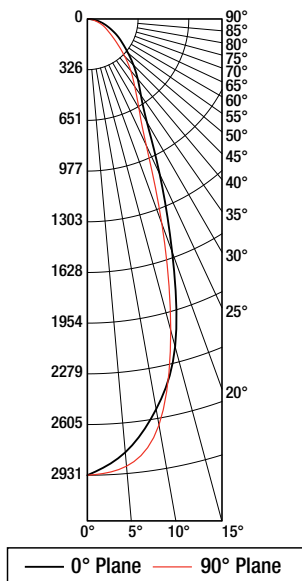
	Accessories/Lenses	MR16 Cat. No.
<input type="checkbox"/>	 Solite Spread Lens	SOM6
<input type="checkbox"/>	 Frosted Solite Spread Lens	FSM6
<input type="checkbox"/>	 Prismatic Spread Lens	PRM6
<input type="checkbox"/>	 Frosted Prismatic Spread Lens	FPM6
<input type="checkbox"/>	 Skytex Linear Spread Lens	SKM6
<input type="checkbox"/>	 Frosted Skytex Linear Spread Lens	FKM6
<input type="checkbox"/>	 Flash Opal Lens	FOM6
<input type="checkbox"/>	 Optivex UV Lens	UVM6
<input type="checkbox"/>	 Frosted Clear Lens	FCM6
<input type="checkbox"/>	 Red Filter Lens	RLM6
<input type="checkbox"/>	 Green Filter Lens	GLM6
<input type="checkbox"/>	 Blue Filter Lens	BLM6
<input type="checkbox"/>	 Amber Filter Lens	ALM6
<input type="checkbox"/>	 Dichroic Filter Lens	DLM6

For other accessory/lens options, consult factory.

Photometry reports for other fixture configurations, consult factory

1- T5 Lamp 21 Watt  
2- MR16 50 Watt Flood

Frosted Acrylic Lens



**Candela Distribution**

	0	45	90
0	2931	2931	2931
5	2794	2818	2883
15	2178	2128	2068
25	1098	997	895
35	600	567	531
45	419	380	339
55	279	240	196
65	179	142	122
75	100	74	61
85	27	19	18
90	3	4	4

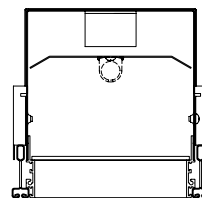
**Zonal Lumen Summary**

5	135
10	248
15	302
20	281
25	231
30	195
35	178
40	165
45	147
50	127
55	107
60	89
65	73
70	57
75	41
80	26
85	11
90	1

**Utilization**

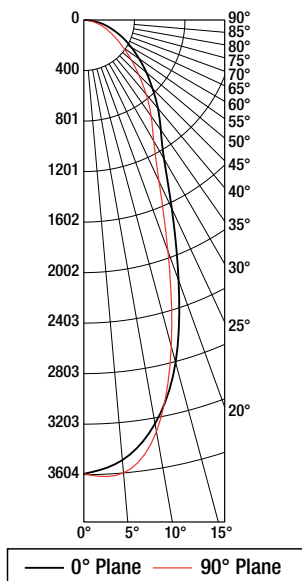
RC	80				70				50			30			10			Flux					
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10						
RW	0	1	2	3	4	5	6	7	8	9	10	0	1	2	3	4	5	6	7	8	9	10	0
0	79	79	79	79	77	77	77	77	73	73	73	70	70	70	67	67	67	66					66
1	74	71	69	67	72	70	68	66	67	66	64	65	63	62	60	60	60	59					59
2	69	65	61	58	67	64	60	58	61	59	56	59	57	55	53	53	53	53					53
3	64	59	55	52	63	58	54	51	56	53	50	55	52	49	48	48	48	47					47
4	60	54	50	46	59	53	49	46	52	48	45	51	47	45	43	43	43	43					43
5	57	50	45	42	56	49	45	42	48	44	41	47	44	41	40	40	40	40					40
6	54	47	42	39	53	46	42	38	45	41	38	44	40	38	37	37	37	36					36
7	51	44	39	36	50	43	39	36	42	38	35	41	38	35	34	34	34	34					34
8	48	41	36	33	47	40	36	33	40	36	33	39	35	33	32	32	32	32					32
9	46	38	34	31	45	38	34	31	37	34	31	37	33	31	30	30	30	30					30
10	44	36	32	29	43	36	32	29	35	32	29	35	31	29	28	28	28	28					2

Total Luminaire Efficiency: 65.70%



2- T5 Lamps 21 Watt  
2- MR16 50 Watt Flood

Frosted Acrylic Lens



**Candela Distribution**

	0	45	90
0	3597	3597	3597
5	3502	3502	3604
15	2809	2752	2677
25	1649	1525	1409
35	1063	991	930
45	770	694	616
55	534	455	382
65	349	276	229
75	194	141	118
85	52	36	34
90	6	9	9

**Zonal Lumen Summary**

5	169
10	312
15	390
20	390
25	354
30	327
35	312
40	297
45	269
50	238
55	205
60	173
65	140
70	109
75	79
80	49
85	22
90	2

**Utilization**

RC	80				70				50			30			10			Flux					
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10						
RW	0	1	2	3	4	5	6	7	8	9	10	0	1	2	3	4	5	6	7	8	9	10	0
0	80	80	80	80	78	78	78	78	74	74	74	71	71	71	68	68	68	67					67
1	74	71	69	67	72	70	68	66	67	65	64	65	63	62	60	60	60	59					59
2	69	64	60	57	67	63	60	57	61	58	55	59	56	54	52	52	52	52					52
3	64	58	53	50	62	57	53	49	55	52	49	53	50	48	46	46	46	46					46
4	60	53	48	44	58	52	47	44	50	46	43	49	46	43	41	41	41	41					41
5	56	48	43	40	54	48	43	39	46	42	39	45	42	39	37	37	37	37					37
6	52	45	40	36	51	44	39	36	43	39	36	42	38	35	34	34	34	34					34
7	49	41	36	33	48	41	36	33	40	36	33	39	35	32	31	31	31	31					31
8	46	39	34	30	45	38	33	30	37	33	30	37	33	30	29	29	29	29					29
9	44	36	31	28	43	36	31	28	35	31	28	34	31	28	27	27	27	27					27
10	42	34	29	26	41	34	29	26	33	29	26	32	29	26	25	25	25	25					2

Total Luminaire Efficiency: 66.50%

