

FEATURES & SPECIFICATIONS

INTENDED USE — General illumination for rough service (vandal-resistant) applications. Ideal for interior or exterior applications where safety and security are a concern. **Certain airborne contaminants can diminish integrity of acrylic.** [Click here for Acrylic Environmental Compatibility table for suitable uses.](#)

CONSTRUCTION — Backplate: Heavy-duty, 16-gauge cold-rolled steel. Insulated with 1" thick fiberglass. Gasket: Closed-cell neoprene to help seal out moisture and contaminants.

Finish: Post-painted after fabrication, in white polyester powder coat for high reflectance, durability and corrosion resistance.

OPTICS — Clear prismatic, UV-stabilized polycarbonate lens, nominal thickness .125" (1/8"). Prism optics provide uniformity with maximum spacing-to-mounting-height ratios. Lens secured by stainless steel tamper-resistant Torx® T-20 or standard stainless steel slotted hex-head screws (one of each included).

ELECTRICAL — Ballast: Electronic, Class P, high power factor multi-volt, THD <10% with a starting temperature of 0°F. Exceptions are 7TT, 9TT and 13TT electromagnetic ballasts, 120V only.

Socket: Thermoplastic socket(s).

Lamp: 35K lamp(s) included unless L/LP (less lamp) is specified.

INSTALLATION — Keyhole slots simplify wall or ceiling installation. For maximum vandal resistance, mount unit to structure through four knockouts provided.

LISTINGS — UL Listed (standard). CSA Certified (see Options). UL listed for 25°C ambient temperatures and wet locations for wall mount or in covered-ceiling applications.

WARRANTY — 1-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Actual performance may differ as a result of end-user environment and application.

Note: Specifications subject to change without notice.

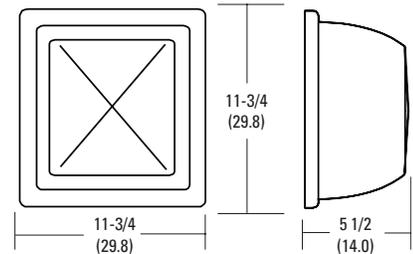
Catalog Number
Notes
Type



Rough Service Fixture

VR4

COMPACT FLUORESCENT
Ceiling/Wall Mount



All dimensions are inches (centimeters) unless otherwise noted.

ORDERING INFORMATION

For shortest lead times, configure products using **standard options (shown in bold)**.

Example: VR4 32TRT MVOLT IR L/LP

VR4	Wattage		Lens		Voltage	Options		Lamp ⁵	
VR4	7TT	One 7W twin-tube lamp ¹	(blank)	Clear prismatic	120	AL	Aluminum backplate	LPI	Lamp(s) included (standard)
	2/7TT	Two 7W twin-tube lamps ¹	WP	White polycarbonate	277	DS	Dual switching	L/LP	Less lamp(s)
	9TT	One 9W twin-tube lamp ¹			347	EC	Emergency circuit (incandescent - 25W max.; DC bayonet base) ^{1,4}		
	2/9TT	Two 9W twin-tube lamps ¹			MVOLT ²	GLR	Internal fast-blow fusing ⁴		
	13TT	One 13W twin-tube lamp ¹				GMF	Internal slow-blow fusing ⁴		
	2/13TT	Two 13W twin-tube lamps ¹				IR	Internal reflector		
	13DTT	One 13W double twin-tube lamp				NL	Night light (incandescent - 6W max.; 656DC base) ^{1,3}		
	2/13DTT	Two 13W double twin-tube lamps				4S	Four screws per unit		
	18DTT	One 18W double twin-tube lamp				CSA	Listed and labeled to comply with Canadian standards		
	2/18DTT	Two 18W double twin-tube lamps							
	26DTT	One 26W double twin-tube lamp							
	2/26DTT	Two 26W double twin-tube lamps							
	26TRT	One 26W triple-tube lamp							
	2/26TRT	Two 26W triple-tube lamps							
32TRT	One 32W triple-tube lamp								
42TRT	One 42W triple-tube lamp								

Accessories: Order as separate catalog number.

RK1 T20BIT	Hex-base driver bit, Torx T20, for tamper-resistant screws with center reject pin
RK1 T20DRV	Torx T20 screwdriver for use with tamper-resistant screws with center reject pin
EB4	Steel extension box ⁶
EB4 PEB1	Steel extension box with photoelectric cell (120V) ⁶
EB4 PEB2	Steel extension box with photoelectric cell (277V) ⁶
EB4 CO	Steel extension box with convenience outlet ⁶
EB4 TS1	Steel extension box with toggle switch ⁶
FV4	Steel vertical external visor ⁶

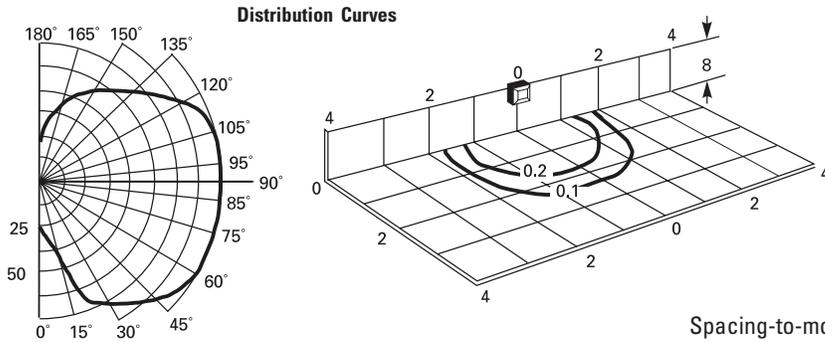
Notes

- 120V only.
- Multi-volt electronic ballast (for DTT and TRT lamps) capable of operating any line voltage between 120 and 277 volts.
- Maximum wattage lamp provided.
- Must specify voltage. Not available with MVOLT.
- Lamp(s) included unless L/LP is specified.
- For aluminum extension box or visor, add **AL** (Ex: **EB4 AL**).

VR4 Rough Service Ceiling/Wall-Mounted Fixture, Compact Fluorescent

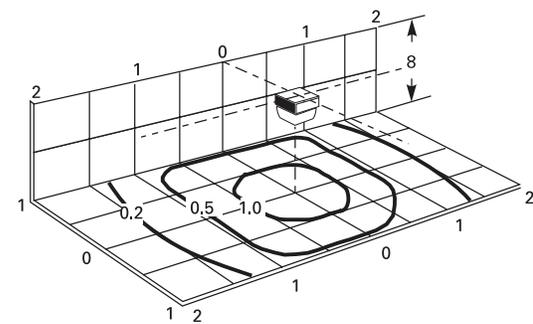
PHOTOMETRICS

VR4 13TT, 13W, twin-tube fluorescent lamp, 900 rated lumens. Test number 80120-103.



Output Data		
Zone	Lumens	%lamp
0°-30°	38	4.2
0°-40°	72	7.9
0°-60°	163	18.1
0°-90°	327	36.3
90°-180°	279	31.1
0°-180°	606	67.4

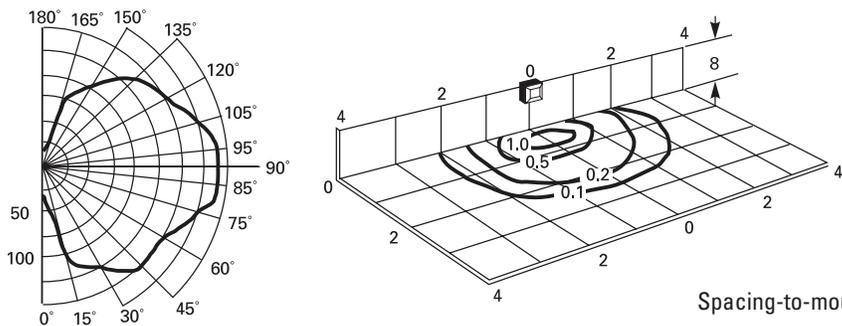
Spacing-to-mounting height: 1.2



	Distribution Data		
	0°	45°	90°
0°	106	106	106
5°	106	106	106
15°	102	103	102
25°	92	95	92
35°	87	84	82
45°	87	81	81
55°	84	81	80
65°	72	78	71
75°	54	64	52
85°	38	50	34
90°	32	41	28

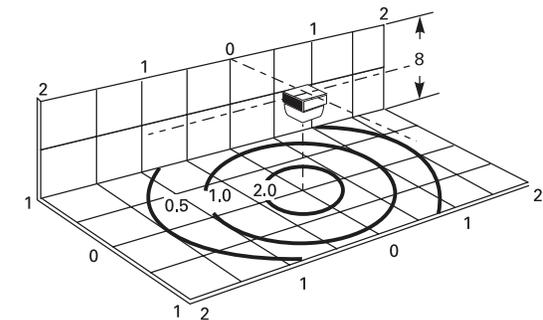
rf	Coefficient of Utilization							
	rc	20%						0%
		80%		50%		30%		
rv	50%	30%	50%	30%	50%	30%	0%	
1	60	57	52	49	47	45	37	
2	51	46	44	40	40	37	29	
3	44	38	38	34	34	31	24	
4	39	33	34	29	31	27	20	
5	34	28	30	25	27	23	17	
6	31	25	26	22	24	20	14	
7	27	21	24	19	22	18	12	
8	25	19	22	17	20	16	11	
9	22	17	20	15	18	14	9	
10	20	15	18	14	16	13	8	

VR4 2/13TT, (2) 13W, twin-tube fluorescent lamps, 900 rated lumens each. Test number 80057-104.



Output Data		
Zone	Lumens	%lamp
0°-30°	54	3.0
0°-40°	105	5.8
0°-60°	342	13.4
0°-90°	497	27.6
90°-180°	471	26.2
0°-180°	968	53.7

Spacing-to-mounting height: 1.3



	Distribution Data		
	0°	45°	90°
0°	193	193	193
5°	194	193	192
15°	189	188	184
25°	173	175	175
35°	155	160	160
45°	147	150	155
55°	139	142	145
65°	116	137	139
75°	83	112	101
85°	50	78	64
90°	42	58	57

rf	Coefficient of Utilization							
	rc	20%						0%
		80%		50%		30%		
rv	50%	30%	50%	30%	50%	30%	0%	
1	55	52	48	45	43	42	34	
2	47	43	41	37	37	34	27	
3	41	36	35	31	32	29	22	
4	36	31	31	27	28	25	19	
5	32	26	28	23	25	21	16	
6	28	23	24	20	22	19	13	
7	25	20	22	18	20	16	11	
8	23	18	20	16	18	15	10	
9	21	16	18	14	16	13	8	
10	19	14	16	13	15	12	7	

Mounting Height Correction Factor

To obtain the footcandle value for different mounting heights, multiply the footcandle value by the below correction factor.

MH	6'	10'	12'	14'
8'	1.78	0.64	0.44	0.33

Tested to current IES and NEMA standards under stabilized laboratory conditions. Various operating factors can cause differences between laboratory data and actual field measurements. Dimensions and specifications on this sheet are based on the most current available data and are subject to change without notice.