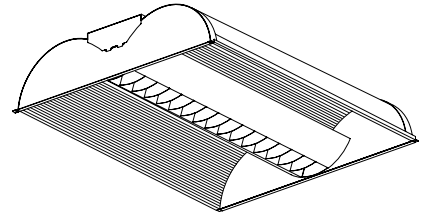


Ariosso Metal Louver

2x2, 2 or 3 Lamp
T5, T5HO, T8, or CFTT5



application

- Architectural recessed direct/indirect lighting for glare free illumination.
- Suitable for grid inverted T (NEMA "G") ceilings. Flange type ceilings (NEMA "F") require independently mounted flange kits (FMA).
- Fully recessed mounting, suitable for row mounting.

construction/finish

- Top reflector and end panels are formed together with no gaps.
- No visible welding, screws, latches, springs, hooks, rivets or plastic supports.
- Metallic reflector with ridges adds texture for a high end architectural look and soft glow.
- Easy ballast access through lamp compartment.
- Optional hold down clips available (**order separately: cat #AVHD**).

electrical

- Class P, HPF ballasts comply with © Federal Ballast Law (Public Law 100-357, 1988).
- UL listed for damp locations. C.S.A. certified optional.
- Self-contained fluorescent emergency power pack can be incorporated.

enclosure

- Flat blade louver with white overlay and perforated curved side panels.
- Bottom of louver is curved to match lamp shield contour.
- Matte white perf. panels with grey louver blades.
- Micro-perforated mesh lamp shield provides soft awareness of light source.
- Soft white overlay on inside of micro-perforated mesh conceals lamp image and balances between reflected and direct light.
- Swing down lamp shield for easy relamping.

Specifier's Reference

Project

Type

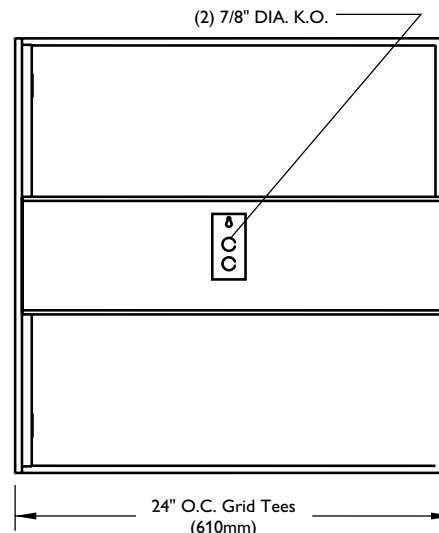
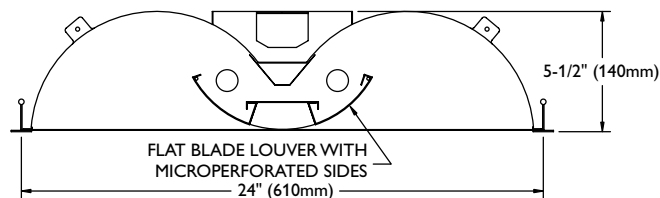
Model No.

Comments

Green Choice: 2AVMG217-LMWG-UNV-1/2-EBHHE-LPT835HL

2	AVM	G		LMWG		
	Family AVM – Ariosso Metal		No. of Lamps (not included) 2 3	Shielding LMWG – White perforated basket with grey solid louver blades		Options
Width 2 – 2'		Ceiling Type G – Grid				1/2 – One 2-lamp ballast 1/3 – One 3-lamp ballast 1/21 – 2-lamp & 1-lamp ballasts EB – Electronic ballast, <20% THD EB10I – Electronic ballast, instant start, <10% THD EB10R – Electronic ballast, program rapid start, <10% THD EBHE – T8 electronic ballast, high efficiency, std. ballast factor EBLHE – T8 electronic ballast, high efficiency, low ballast factor EBHHE – T8 electronic ballast, high efficiency, high ballast factor EBSD – T8 Electronic ballast, step dimming, std (.88) ballast factor EBD – Electronic dimming ballast E1 – DEB-1 emerg. ballast (T8 or CF only), 350-450 lumens E7 – DEB-7 emerg. ballast, 390-700 lumens E5 – DEB-5 emerg. ballast (T8 or CF only), 1100-1400 lumens ESST – DEB-5ST emerg. ballast with self test, 1100-1400 lumens E7LP – DEB-7LP emerg. ballast, T8/T5/T5HO, 430-700 lumens E6LP – DEB-6LP emerg. ballast, T8/T5/T5HO, 750-1325 lumens F1 – Installed flex, 3/8" diameter, 18 gauge, 3 wire, 6' F2 – Installed flex, 3/8" diameter, 18 gauge, 4 wire, 6' GLR# – Fusing, fast blow (# = number of ballasts) LPT735 – Installed lamps, 70+ CRI, 3500K LPT835 – Installed lamps, 80+ CRI, 3500K LPT835HL – Installed T8 or T5 hi lumen lamps, 80+ CRI, 3500K
			Lamp Type/Wattage 14 – 14wT5 (22") 17 – 17wT8 (24") 24HO – 24wT5HO (22") CF40 – 40wT5 (24") CF50 – 50wT5 (24") CF55 – 55wT5 (24")		Voltage 120 277 347 UNV – Universal voltage, 120-277 volt	
Accessories AVHD – Hold down clips AV-DC2 – Debris cover, 2'x2' AV-GC2 – Germ cover, 2'x2' FMA22 – 2'x2' "F" mounting frame for NEMA "F" mounting						

dimensions



photometry

2x2 Arioso Metal Louver, 2 Lamp 40W CFTT5

Efficiency – 44.9%

LER – 36

TER – 31

Catalog No. 2AVMG2CF40-LMWG-1/2-EB		Candlepower				Light Distribution				Average Luminance																																																																																																																																			
Test No.	25256	Angle	End	45	Cross	Degrees	Lumens	% Lamp	% Luminaire	Angle	End	45°	Cross																																																																																																																																
S/MH	1.3	0	1166	1166	1166	0-30	873	13.9	30.9	45	2162	2703	3294																																																																																																																																
Lamp Type	40W CFTT5	5	1151	1156	1165	0-40	1389	22.0	49.1	55	1648	2397	3373																																																																																																																																
Lumens/Lamp	3150	10	1117	1133	1154	0-60	2314	36.7	81.8	65	1486	2180	3204																																																																																																																																
Ballast Factor	0.96	15	1067	1098	1135	0-90	2828	44.9	100.0	75	1557	1763	1843																																																																																																																																
Input Watts	76	20	996	1049	1105					85	1224	850	1190																																																																																																																																
Comparative yearly lighting energy cost per 1000 lumens – \$6.67 based on 3000 hrs. and \$.08 pwr KWH.		25	915	991	1056	Coefficients of Utilization EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20) <table><tr><td>pcc</td><td colspan="3">80</td><td colspan="3">70</td><td colspan="3">50</td></tr><tr><td>pw</td><td>70</td><td>50</td><td>30</td><td>70</td><td>50</td><td>30</td><td>50</td><td>30</td></tr><tr><td>RCR</td><td colspan="3"></td><td colspan="3"></td><td colspan="3"></td></tr><tr><td>0</td><td>53</td><td>53</td><td>53</td><td>52</td><td>52</td><td>52</td><td>50</td><td>50</td></tr><tr><td>1</td><td>48</td><td>46</td><td>45</td><td>47</td><td>46</td><td>44</td><td>44</td><td>42</td></tr><tr><td>2</td><td>45</td><td>40</td><td>38</td><td>44</td><td>40</td><td>38</td><td>39</td><td>36</td></tr><tr><td>3</td><td>40</td><td>35</td><td>33</td><td>40</td><td>35</td><td>33</td><td>34</td><td>32</td></tr><tr><td>4</td><td>38</td><td>32</td><td>28</td><td>36</td><td>32</td><td>28</td><td>30</td><td>28</td></tr><tr><td>5</td><td>34</td><td>28</td><td>25</td><td>34</td><td>28</td><td>25</td><td>28</td><td>23</td></tr><tr><td>6</td><td>32</td><td>26</td><td>22</td><td>30</td><td>26</td><td>22</td><td>25</td><td>22</td></tr><tr><td>7</td><td>29</td><td>23</td><td>20</td><td>28</td><td>23</td><td>20</td><td>23</td><td>20</td></tr><tr><td>8</td><td>28</td><td>22</td><td>17</td><td>27</td><td>22</td><td>17</td><td>20</td><td>17</td></tr><tr><td>9</td><td>26</td><td>20</td><td>17</td><td>25</td><td>20</td><td>16</td><td>19</td><td>16</td></tr><tr><td>10</td><td>23</td><td>19</td><td>14</td><td>23</td><td>17</td><td>14</td><td>17</td><td>14</td></tr></table>								pcc	80			70			50			pw	70	50	30	70	50	30	50	30	RCR										0	53	53	53	52	52	52	50	50	1	48	46	45	47	46	44	44	42	2	45	40	38	44	40	38	39	36	3	40	35	33	40	35	33	34	32	4	38	32	28	36	32	28	30	28	5	34	28	25	34	28	25	28	23	6	32	26	22	30	26	22	25	22	7	29	23	20	28	23	20	23	20	8	28	22	17	27	22	17	20	17	9	26	20	17	25	20	16	19	16	10	23	19	14	23	17	14	17	14
		pcc	80											70			50																																																																																																																												
		pw	70	50	30									70	50	30	50	30																																																																																																																											
		RCR																																																																																																																																											
		0	53	53	53									52	52	52	50	50																																																																																																																											
		1	48	46	45									47	46	44	44	42																																																																																																																											
		2	45	40	38									44	40	38	39	36																																																																																																																											
		3	40	35	33									40	35	33	34	32																																																																																																																											
		4	38	32	28									36	32	28	30	28																																																																																																																											
		5	34	28	25									34	28	25	28	23																																																																																																																											
6	32	26	22	30	26	22	25	22																																																																																																																																					
7	29	23	20	28	23	20	23	20																																																																																																																																					
8	28	22	17	27	22	17	20	17																																																																																																																																					
9	26	20	17	25	20	16	19	16																																																																																																																																					
10	23	19	14	23	17	14	17	14																																																																																																																																					
30	822	914	993																																																																																																																																										
35	726	830	927																																																																																																																																										
40	619	737	854																																																																																																																																										
45	516	645	786																																																																																																																																										
50	415	553	722																																																																																																																																										
55	319	464	653																																																																																																																																										
60	258	383	572																																																																																																																																										
65	212	311	457																																																																																																																																										
70	172	239	286																																																																																																																																										
75	136	154	161																																																																																																																																										
80	86	73	93																																																																																																																																										
85	36	25	35																																																																																																																																										

2x2 Arioso Metal Louver, 3 Lamp 40W CFTT5

Efficiency – 39.9%

LER – 33

TER – 28

Catalog No.		2AVMG3CF40-LMWG-1/3-EB		Candlepower				Light Distribution				Average Luminance					
Test No.		25253		Angle	End	45	Cross	Degrees	Lumens	% Lamp	% Luminaire	Angle	End	45°	Cross		
S/MH		1.3		0	1494	1494	1494	0-30	1128	11.9	29.9	45	2745	3746	4718		
Lamp Type		40W CFTT5		5	1477	1482	1489	0-40	1818	19.2	48.2	55	2066	3404	4685		
Lumens/Lamp		3150		10	1432	1450	1479	0-60	3094	32.7	82.0	65	1802	3071	4291		
Ballast Factor		0.96		15	1363	1404	1465	0-90	3774	39.9	100.0	75	1740	2267	2644		
Input Watts		111		20	1273	1347	1441					85	1360	1190	1768		
Comparative yearly lighting energy cost per 1000 lumens – \$7.27 based on 3000 hrs. and \$.08 pwr KWH.				25	1171	1275	1405	Coefficients of Utilization									
The photometric results were obtained in the Philips Day-Brite laboratory which is NVLAP accredited by the National Institute of Standards and Technology.				30	1051	1192	1360	EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)									
				35	926	1103	1303	pcc	80			70			50		
				40	791	998	1219		70			50			30		
				45	655	894	1126	pw	70	50	30	70	50	30	50	30	
				50	524	778	1025	RCR									
				55	400	659	907	0	47	47	47	46	46	46	44	44	
				60	320	549	781	1	44	41	40	42	40	39	39	38	
				65	257	438	612	2	40	36	34	39	35	34	34	33	
				70	200	328	374	3	35	32	28	34	32	28	30	28	
				75	152	198	231	4	33	28	25	33	28	25	27	25	
				80	95	94	139	5	30	26	22	29	25	22	25	22	
				85	40	35	52	6	28	23	20	28	23	20	22	19	
								7	26	20	17	26	20	17	20	17	
								8	25	19	16	23	19	16	19	16	
								9	23	17	14	22	17	14	17	14	
								10	22	16	13	20	16	13	16	13	

Hg

Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled, "Contain Mercury" and/or the symbol "HG". Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at www.lamprecycle.org



© 2013 Koninklijke Philips Electronics N.V. All rights reserved.
Specifications are subject to change without notice.
www.philips.com/luminaires

0265-AR 04/13

Philips Lighting Company
200 Franklin Square Drive
Somerset, NJ 08873
Phone: 855-486-2216

Philips Lighting Company
281 Hillmount Road
Markham ON, Canada L6C 2S3
Phone: 800-668-9008