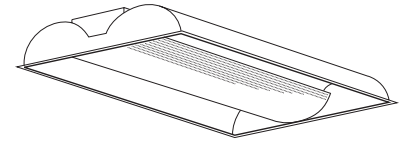


**Architectural Fluorescent**

**Arioso**

2x4 2, 3, or 4 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.
- Soft white baked enamel finish.
- 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**

- 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.
- Lamp shield end trim is included for field installation if desired ( not required).

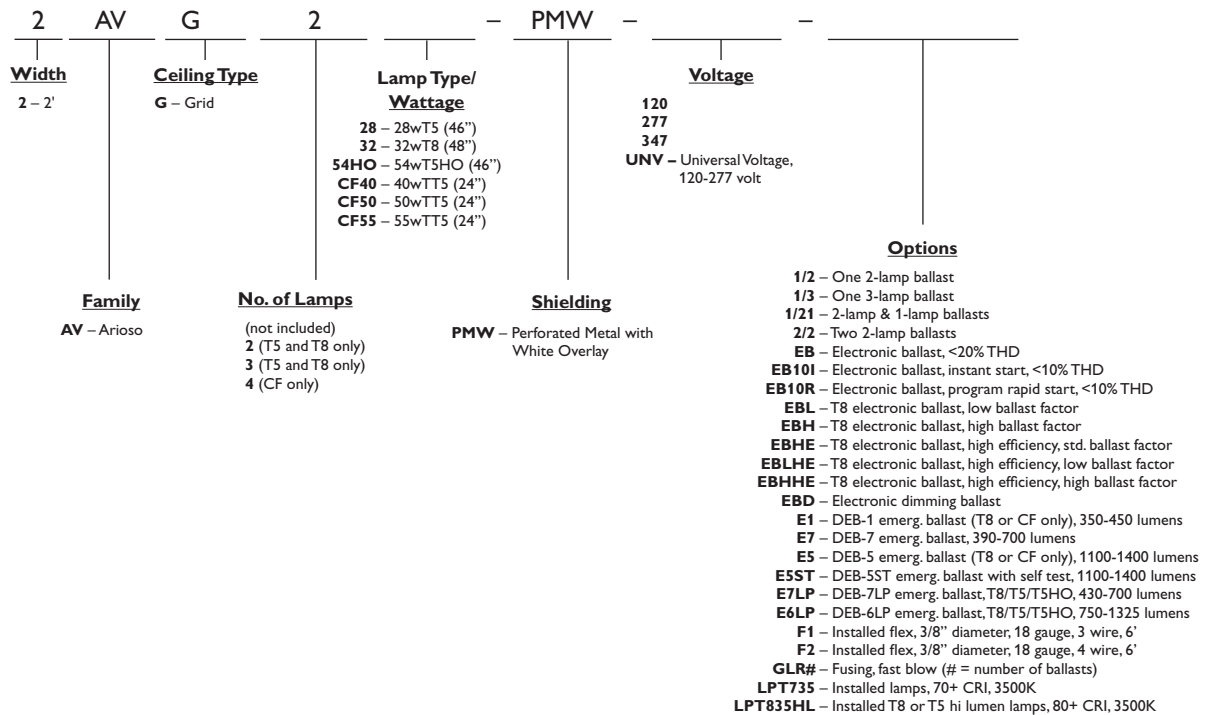
**accessories**

- **AVHD** – Hold down clips.
- **AV-DC4** – Derbis cover 2'x4'.
- **AV-GC4** – Germ cover 2'x4'.
- **FMA24** – 2'x4' "F" mounting frame for NEMA "F" mounting.

**Specifier's Reference**

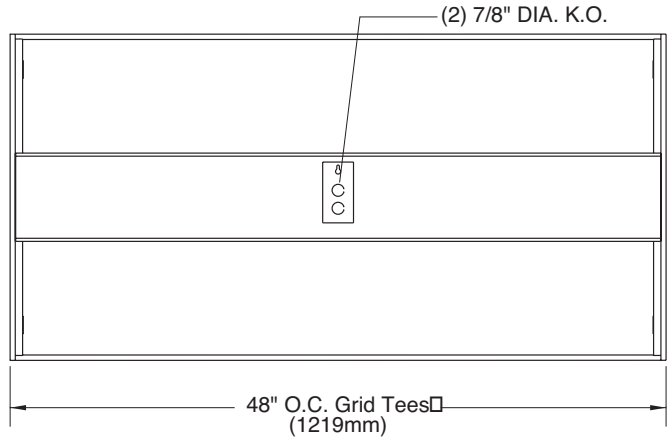
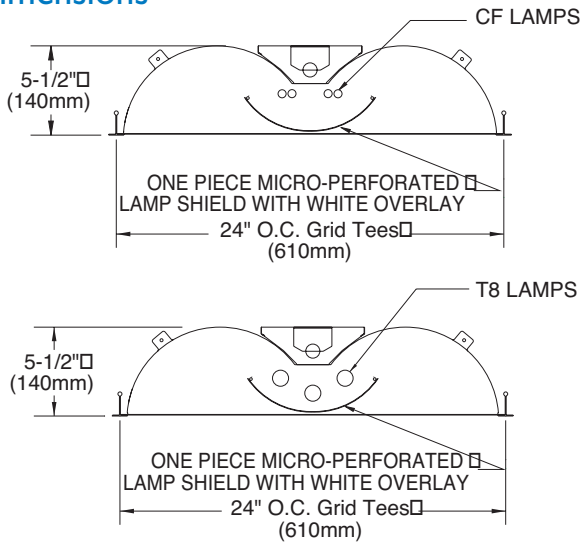
Project
Type
Model No.
Comments

**Green Choice: 2AVG2-PMW-UNV-1/2EBL-LPT835HL**



See Section 1600-OA for Option Info.

dimensions



photometry

AV 2x4 2 Lamp T8

Efficiency – 68.6%

LER – 57

TER – 55

Catalog No.	2AVG232-PMW-1/2-EB	Candlepower				Cross	Light Distribution				Average Luminance																																																																																																																																	
		Angle	End	45	0		Degrees	Lumens	% Lamp	% Luminaire	Angle	End	45°	Cross																																																																																																																														
Test No.	25911	0	1290	1290	1290	0-30	1011	17.7	25.9	45	1617	1811	1956																																																																																																																															
S/MH	1.3	5	1295	1286	1278	0-40	1671	29.3	42.7	55	1487	1848	2036																																																																																																																															
Lamp Type	F32T8	10	1277	1270	1266	0-60	3042	53.4	77.8	65	1334	1854	1939																																																																																																																															
Lumens/Lamp	2850	15	1245	1244	1246	0-90	3912	68.6	100.0	75	1159	1481	1438																																																																																																																															
Ballast Factor	.88	20	1201	1210	1220					85	908	813	845																																																																																																																															
Input Watts	60	25	1144	1165	1183	<b>Coefficients of Utilization</b> <b>EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)</b> <table border="1"> <thead> <tr> <th>pcc</th> <th colspan="3">80</th> <th colspan="3">70</th> <th colspan="3">50</th> </tr> <tr> <th>pw</th> <th>70</th> <th>50</th> <th>30</th> <th>70</th> <th>50</th> <th>30</th> <th>50</th> <th>30</th> </tr> <tr> <th>RCR</th> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </thead> <tbody> <tr><td>0</td><td>81</td><td>81</td><td>81</td><td>80</td><td>80</td><td>80</td><td>76</td><td>76</td></tr> <tr><td>1</td><td>75</td><td>70</td><td>68</td><td>72</td><td>69</td><td>67</td><td>67</td><td>64</td></tr> <tr><td>2</td><td>68</td><td>61</td><td>56</td><td>66</td><td>59</td><td>56</td><td>57</td><td>54</td></tr> <tr><td>3</td><td>60</td><td>54</td><td>47</td><td>59</td><td>53</td><td>47</td><td>51</td><td>46</td></tr> <tr><td>4</td><td>56</td><td>47</td><td>41</td><td>55</td><td>46</td><td>40</td><td>45</td><td>40</td></tr> <tr><td>5</td><td>51</td><td>41</td><td>35</td><td>50</td><td>41</td><td>35</td><td>40</td><td>34</td></tr> <tr><td>6</td><td>46</td><td>38</td><td>32</td><td>46</td><td>36</td><td>32</td><td>35</td><td>30</td></tr> <tr><td>7</td><td>44</td><td>34</td><td>28</td><td>42</td><td>34</td><td>28</td><td>33</td><td>28</td></tr> <tr><td>8</td><td>40</td><td>30</td><td>26</td><td>40</td><td>30</td><td>25</td><td>29</td><td>25</td></tr> <tr><td>9</td><td>38</td><td>28</td><td>23</td><td>36</td><td>28</td><td>23</td><td>28</td><td>23</td></tr> <tr><td>10</td><td>35</td><td>27</td><td>20</td><td>34</td><td>26</td><td>20</td><td>26</td><td>20</td></tr> </tbody> </table>								pcc	80			70			50			pw	70	50	30	70	50	30	50	30	RCR									0	81	81	81	80	80	80	76	76	1	75	70	68	72	69	67	67	64	2	68	61	56	66	59	56	57	54	3	60	54	47	59	53	47	51	46	4	56	47	41	55	46	40	45	40	5	51	41	35	50	41	35	40	34	6	46	38	32	46	36	32	35	30	7	44	34	28	42	34	28	33	28	8	40	30	26	40	30	25	29	25	9	38	28	23	36	28	23	28	23	10	35	27	20	34	26	20	26	20
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Comparative yearly lighting energy cost per 1000 lumens – \$4.21 based on 3000 hrs. and \$.08 pwr KWH.		30	1082	1114	1149																																																																																																																																							
Input Watts	60	35	1007	1053	1106																																																																																																																																							
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		45	823	922	996																																																																																																																																							
		50	718	846	925																																																																																																																																							
		55	614	763	841																																																																																																																																							
		60	508	671	734																																																																																																																																							
		65	406	564	590																																																																																																																																							
		70	309	438	407																																																																																																																																							
		75	216	276	268																																																																																																																																							
		80	130	140	152																																																																																																																																							
		85	57	51	53																																																																																																																																							

AV 2x4 3 Lamp T8

Efficiency – 64.9%

LER – 56

TER – 53

Catalog No.	2AVG332-PMW-1/3-EB	Candlepower				Cross	Light Distribution				Average Luminance																																																																																																																																	
		Angle	End	45	0		Degrees	Lumens	% Lamp	% Luminaire	Angle	End	45°	Cross																																																																																																																														
Test No.	25512	0	1836	1836	1836	0-30	1438	16.8	25.9	45	2337	2551	2692																																																																																																																															
S/MH	1.3	5	1843	1831	1813	0-40	2373	27.8	42.8	55	2157	2566	2794																																																																																																																															
Lamp Type	F32T8	10	1816	1808	1795	0-60	4297	50.3	77.5	65	1912	2569	2740																																																																																																																															
Lumens/Lamp	2850	15	1778	1776	1771	0-90	5547	64.9	100.0	75	1642	2178	2167																																																																																																																															
Ballast Factor	.88	20	1713	1722	1725					85	1275	1434	1466																																																																																																																															
Input Watts	87	25	1640	1660	1675	<b>Coefficients of Utilization</b> <b>EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)</b> <table border="1"> <thead> <tr> <th>pcc</th> <th colspan="3">80</th> <th colspan="3">70</th> <th colspan="3">50</th> </tr> <tr> <th>pw</th> <th>70</th> <th>50</th> <th>30</th> <th>70</th> <th>50</th> <th>30</th> <th>50</th> <th>30</th> </tr> <tr> <th>RCR</th> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </thead> <tbody> <tr><td>0</td><td>77</td><td>77</td><td>77</td><td>75</td><td>75</td><td>75</td><td>71</td><td>71</td></tr> <tr><td>1</td><td>69</td><td>67</td><td>64</td><td>68</td><td>66</td><td>63</td><td>63</td><td>60</td></tr> <tr><td>2</td><td>64</td><td>57</td><td>54</td><td>61</td><td>56</td><td>53</td><td>55</td><td>51</td></tr> <tr><td>3</td><td>57</td><td>51</td><td>46</td><td>56</td><td>50</td><td>45</td><td>47</td><td>44</td></tr> <tr><td>4</td><td>53</td><td>45</td><td>39</td><td>51</td><td>44</td><td>39</td><td>42</td><td>38</td></tr> <tr><td>5</td><td>48</td><td>40</td><td>34</td><td>46</td><td>39</td><td>34</td><td>38</td><td>33</td></tr> <tr><td>6</td><td>45</td><td>35</td><td>29</td><td>44</td><td>34</td><td>29</td><td>34</td><td>28</td></tr> <tr><td>7</td><td>41</td><td>33</td><td>27</td><td>40</td><td>32</td><td>27</td><td>30</td><td>26</td></tr> <tr><td>8</td><td>39</td><td>29</td><td>23</td><td>38</td><td>28</td><td>23</td><td>28</td><td>23</td></tr> <tr><td>9</td><td>35</td><td>27</td><td>22</td><td>34</td><td>27</td><td>22</td><td>26</td><td>20</td></tr> <tr><td>10</td><td>34</td><td>25</td><td>20</td><td>33</td><td>25</td><td>20</td><td>23</td><td>20</td></tr> </tbody> </table>								pcc	80			70			50			pw	70	50	30	70	50	30	50	30	RCR									0	77	77	77	75	75	75	71	71	1	69	67	64	68	66	63	63	60	2	64	57	54	61	56	53	55	51	3	57	51	46	56	50	45	47	44	4	53	45	39	51	44	39	42	38	5	48	40	34	46	39	34	38	33	6	45	35	29	44	34	29	34	28	7	41	33	27	40	32	27	30	26	8	39	29	23	38	28	23	28	23	9	35	27	22	34	27	22	26	20	10	34	25	20	33	25	20	23	20
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Comparative yearly lighting energy cost per 1000 lumens – \$4.29 based on 3000 hrs. and \$.08 pwr KWH.		30	1551	1586	1619																																																																																																																																							
Input Watts	87	35	1440	1496	1542																																																																																																																																							
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 Canadian Division  
 189 Bullock Drive • Markham, Ontario L3P 1W4  
 p. 905.294.9570 • f. 905.294.9811

Contact Factory for Additional Configurations.  
 Specifications are subject to change without notice.  
 Consult website for latest version of this spec sheet.



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