

Day-Brite

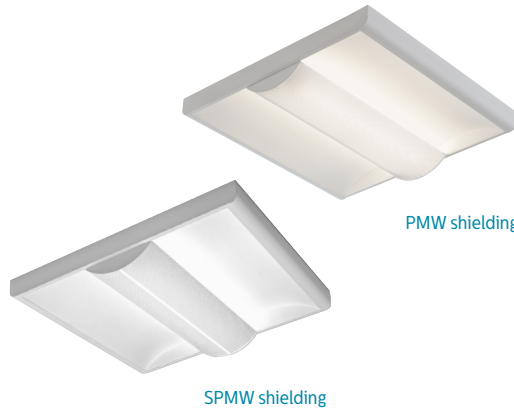
CFI

by  Signify

Surface

Arioso surface perf 2x2

TT5



Project: _____
 Location: _____
 Cat.No: _____
 Type: _____
 Lamps: _____ Qty: _____
 Notes: _____

The Day-Brite / CFI Arioso surface perf incorporates all the features and benefits of the standard Arioso into a surface luminaire. Whether surface mounting is due to construction constraints or a desire to create style and intimacy, this luminaire offers the ideal solution for ceiling mounting. Arioso surface continues the look and performance of the Arioso family in a slim low profile beautifully contoured model.

Ordering guide

Example: 2SAVC2CF40-PMW-1/2-EB-LPT835

Width	Family	No. of Lamps (not included)	Lamp Type	Shielding	Voltage	Options
2	SAVC	2	—	—	—	
2 2'	SAVC Arioso surface perf	2	CF40 40WTT5 (24") CF50 50WTT5 (24") CF55 55WTT5 (24")	PMW Perforated metal w/ white overlay SPMW 2-piece perforated metal with white overlay	120 277 347 Universal Voltage 120-277V	1/2 One 2-lamp ballast EB Electronic ballast, <10% THD, std. ballast factor EB10I CF40 electronic ballast, instant start, <10% THD EBSD T8 electronic step dimming ballast, .88 ballast factor EBD7 Advance Mark 7 dimming ballast, 0-10V (low voltage) control EBD Electronic dimming ballast, customer specified EBDX Advance Mark 10 dimming ballast, phase control GLR Fusing, fast blow LPT830 Installed lamps, 80+ CRI, 3000K LPT835 Installed lamps, 80+ CRI, 3500K LPT841 Installed lamps, 80+ CRI, 4100K



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Application

- Architectural surface mounted direct/indirect lighting for glare-free illumination.
- For applications where plenum depth is limited.
- Easy installation – body mounts to ceiling, and frame snaps into place.
- Style matched to Arioso semi-recessed.

Construction/Finish

- No visible welding, screws, latches, springs, hooks, rivets or plastic supports.
- Soft white baked enamel finish.
- Easy ballast access through removable back reflector.
- Slim 2-1/4" housing provides the perception of a very low profile luminaire.

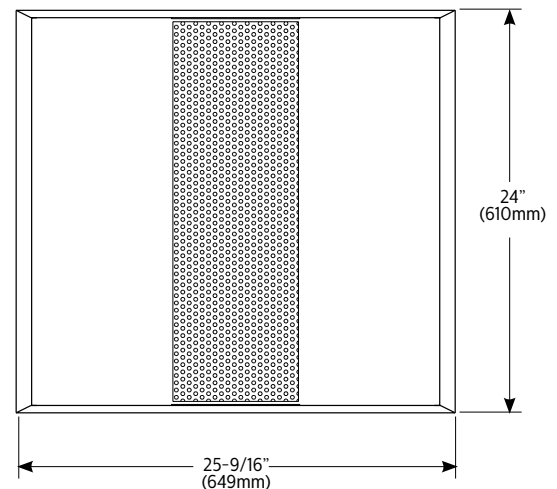
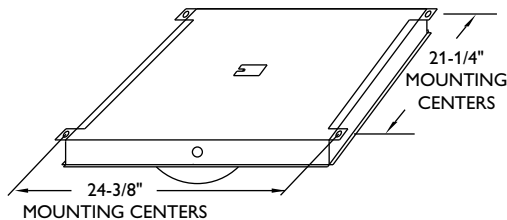
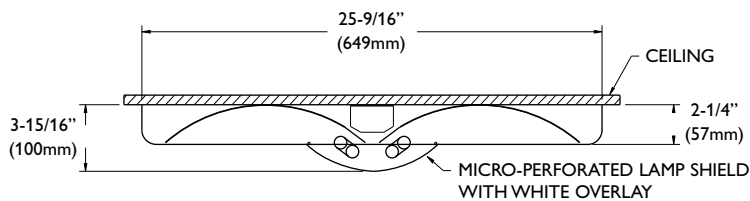
Electrical

- cULus listed for damp locations.
- Self-contained fluorescent emergency power pack can be incorporated.

Enclosure

- Choice of one-piece (PMW) or two-piece (SPMW) lamp shield configuration.
- Micro-perforated mesh lamp shield provides soft awareness of light source.
- Swing down lamp shield for easy relamping.
- Soft white overlay on inside of micro-perforated mesh conceals lamp image and balances reflected and direct light.

Dimensions



2SAVC Arioso surface perf 2x2

TT5

Photometry

Arioso surface perf (PMW) 2x2 2 lamp CF40

Efficiency – 60.9%

LER – 50

TER – 41

Catalog No.	2SAVC2CF40-PMW-1/2-EB	Candlepower				Light Distribution				Average Luminance																																																																																																																																		
		Angle	End	45	Cross	Degrees	Lumens	% Lamp	% Luminaire	Angle	End	45°	Cross																																																																																																																															
Test No.	21272	0	1187	1187	1187	0-30	927	14.7	24.2	45	2763	3114	3517																																																																																																																															
S/MH	1.3	5	1174	1186	1190	0-40	1525	24.2	39.8	55	2385	3058	3700																																																																																																																															
Lamp Type	40WTT5	15	1124	1148	1160	0-60	2753	43.7	71.8	65	1864	3087	4108																																																																																																																															
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Ballast Factor	.88	35	888	962	1013	0-180	3835	60.9	100.0	85	691	2967	4885																																																																																																																															
Input Watts	68	45	714	825	909	Coefficients of Utilization EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20) <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> </thead> <tbody> <tr> <td>RCR</td> <td colspan="9"></td> </tr> <tr> <td>0</td> <td>71</td> <td>71</td> <td>71</td> <td>70</td> <td>70</td> <td>70</td> <td>68</td> <td>68</td> </tr> <tr> <td>1</td> <td>65</td> <td>61</td> <td>58</td> <td>63</td> <td>59</td> <td>57</td> <td>57</td> <td>55</td> </tr> <tr> <td>2</td> <td>58</td> <td>53</td> <td>48</td> <td>56</td> <td>52</td> <td>47</td> <td>50</td> <td>46</td> </tr> <tr> <td>3</td> <td>53</td> <td>46</td> <td>40</td> <td>52</td> <td>45</td> <td>40</td> <td>42</td> <td>39</td> </tr> <tr> <td>4</td> <td>48</td> <td>40</td> <td>34</td> <td>46</td> <td>40</td> <td>34</td> <td>38</td> <td>34</td> </tr> <tr> <td>5</td> <td>45</td> <td>35</td> <td>30</td> <td>42</td> <td>35</td> <td>29</td> <td>34</td> <td>28</td> </tr> <tr> <td>6</td> <td>40</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>7</td> <td>38</td> <td>29</td> <td>23</td> <td>36</td> <td>28</td> <td>23</td> <td>28</td> <td>23</td> </tr> <tr> <td>8</td> <td>34</td> <td>27</td> <td>22</td> <td>34</td> <td>26</td> <td>20</td> <td>26</td> <td>20</td> </tr> <tr> <td>9</td> <td>33</td> <td>25</td> <td>19</td> <td>32</td> <td>23</td> <td>19</td> <td>23</td> <td>19</td> </tr> <tr> <td>10</td> <td>30</td> <td>23</td> <td>17</td> <td>29</td> <td>22</td> <td>17</td> <td>22</td> <td>17</td> </tr> </tbody> </table>							pcc	80			70			50			pw	70	50	30	70	50	30	50	30	RCR										0	71	71	71	70	70	70	68	68	1	65	61	58	63	59	57	57	55	2	58	53	48	56	52	47	50	46	3	53	46	40	52	45	40	42	39	4	48	40	34	46	40	34	38	34	5	45	35	30	42	35	29	34	28	6	40	33	27	40	32	27	30	26	7	38	29	23	36	28	23	28	23	8	34	27	22	34	26	20	26	20	9	33	25	19	32	23	19	23	19	10	30	23	17	29	22	17	22	17
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Comparative yearly lighting energy cost per 1000 lumens – \$4.80 based on 3000 hrs. and \$.08 pwr KWH.		75	148	404	531																																																																																																																																							
The photometric results were obtained in the Day-Brite laboratory which is NVLAP accredited by the National Institute of Standards and Technology.		85	36	182	255																																																																																																																																							
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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

