

applications

- Use the HPE Cove product as an economical solution for applications that require a performance lighting system that illuminates the space from the cove, rather than only illuminating the cove.

housing

- 20 gauge galvanized steel housing and end plates. Optional tilt brackets allow 5°, 10° or 15° fixture tilting.

reflector

- Specular aluminum. Asymmetrical (A), or asymmetrical wash (W) distributions are available.
- Asymmetrical has a saw tooth reflector design that reduces brightness on the wall behind fixture and minimizes socket shadow.
- Asymmetrical wash has no saw tooth reflector and washes the wall with light in addition to an asymmetrical distribution.

length dimensions

Nominal length	T5/T5HO	T8
2'	22-1/2" (572 mm)	24-1/2" (621 mm)
3'	34-1/4" (870 mm)	36-1/2" (926 mm)
4'	46-1/4" (1173 mm)	47-7/8" (1229 mm)
8'	92-1/4" (2344 mm)	96-3/4" (2457 mm)

mounting

- Cove mount.

electrical

- Instant start, normal light output, high power factor, sound rated A electronic ballast is standard. T8 ballasts are 0.88 ballast factor for 120 and 277 Volt. Ballast factor for T8, 347 Volt varies, consult factory. Ballast factor for T5 is 1.05 for 120 and 277 Volt and 0.95 for 347 Volt. Ballast factor for T5HO is 1.00.

finish

- Galvanized steel finish is standard. Housing can be painted semi-gloss white or choose from a variety of standard colors on our color chart.

certifications

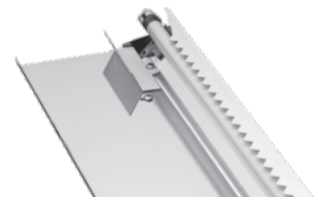
- UL and CUL listed and IBEW labeled.

CV-5010

01/23/1012

LAM Cove

HPE
Fluorescent



Specifier's Reference

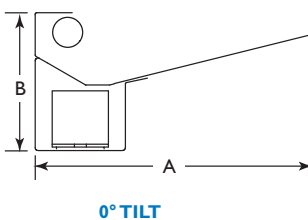
Project

Type

Model No.

Comments

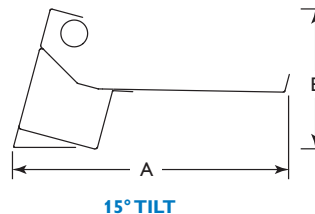
cove mount cross section dimensions



0° TILT

Cove Mount Cross Section Dimensions

Fixture	A	B
T5/T5HO	5-3/4" (147 mm)	2-7/8" (74 mm)
T8	5-7/8" (148 mm)	3" (77 mm)



15° TILT

T5/T5HO Tilt Dimensions

Tilt	A	B
5°	6"	3"
10°	6-1/4"	3-1/8"
15°	6-1/2"	3-1/4"

T8 Tilt Dimensions

Tilt	A	B
5°	6"	3-1/8"
10°	6-1/4"	3-3/8"
15°	6-1/2"	3-1/2"

Green Choice: HPE-A-T5HO

HPE	1	CM				
Series	Distribuion	Type of Lamp	Mounting	Finish	Voltage	Options
HPE	A – Asymmetrical W – Wash asymmetrical	T5 T5HO T8	CM – Cove Mount	GLV – Galvanized SGW – Semi-gloss white (refer to color chart on website for other standard colors) CC – Custom Color	120 277 347 (for 347 volt, T5HO is 4' only, no dimming available) UNV	GLR – GLR fuse and HLR holder GMF – GMF slow blow fuse and holder EM5 – LP400 or equal EM6 – LP500 or equal EM7 – LP550 or equal EM8 – LP600 or equal DIM1 – Advance Mark VII dimming DIM2 – Advance Mark X dimming DIM3 – Lutron ECO-10 dimming ballast DIM4 – Lutron Hi-Lume dimming ballast (T5HO only) DIM5 – Lutron TU-Wire dimming ballast (T8 only) T5 – 5° tilt bracket T10 – 10° tilt bracket T15 – 15° tilt bracket
	No. of Lamps		Length			
	1		2' 3' 4' 8'			

PHILIPS
Day-Brite

photometry

HPEA T5HO

Efficiency – 70.9%

LER – 53

<p>Catalog No. HPE-A-1-T5HO-CM-4</p> <p>Test No. 30001</p> <p>Lamp Type T5HO</p> <p>Lumens/Lamp 4500</p> <p>Ballast Factor 1.0</p> <p>Input Watts 60</p>	<p>Candela Distribution</p> <table border="1"> <thead> <tr> <th></th> <th>0</th> <th>45</th> <th>90</th> <th>135</th> <th>180</th> </tr> </thead> <tbody> <tr><td>180°</td><td>228</td><td>228</td><td>228</td><td>228</td><td>228</td></tr> <tr><td>175°</td><td>334</td><td>308</td><td>248</td><td>197</td><td>174</td></tr> <tr><td>165°</td><td>630</td><td>520</td><td>245</td><td>122</td><td>93</td></tr> <tr><td>155°</td><td>984</td><td>735</td><td>231</td><td>71</td><td>53</td></tr> <tr><td>145°</td><td>1359</td><td>957</td><td>211</td><td>48</td><td>58</td></tr> <tr><td>135°</td><td>1860</td><td>1192</td><td>174</td><td>48</td><td>72</td></tr> <tr><td>125°</td><td>2111</td><td>1457</td><td>145</td><td>61</td><td>92</td></tr> <tr><td>115°</td><td>2179</td><td>1597</td><td>94</td><td>64</td><td>93</td></tr> <tr><td>105°</td><td>1567</td><td>1383</td><td>62</td><td>76</td><td>105</td></tr> <tr><td>95°</td><td>459</td><td>482</td><td>23</td><td>65</td><td>67</td></tr> <tr><td>90°</td><td>42</td><td>46</td><td>13</td><td>12</td><td>100</td></tr> </tbody> </table>		0	45	90	135	180	180°	228	228	228	228	228	175°	334	308	248	197	174	165°	630	520	245	122	93	155°	984	735	231	71	53	145°	1359	957	211	48	58	135°	1860	1192	174	48	72	125°	2111	1457	145	61	92	115°	2179	1597	94	64	93	105°	1567	1383	62	76	105	95°	459	482	23	65	67	90°	42	46	13	12	100	
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HPEA T8

Efficiency – 60.1%

LER – 57

<p>Catalog No. HPE-A-1-T8-CM-4</p> <p>Test No. 30002</p> <p>Lamp Type T8</p> <p>Lumens/Lamp 3050</p> <p>Ballast Factor 1.00</p> <p>Input Watts 32</p>	<p>Candela Distribution</p> <table border="1"> <thead> <tr> <th></th> <th>0</th> <th>45</th> <th>90</th> <th>135</th> <th>180</th> </tr> </thead> <tbody> <tr><td>180°</td><td>300</td><td>300</td><td>300</td><td>300</td><td>300</td></tr> <tr><td>175°</td><td>353</td><td>338</td><td>296</td><td>275</td><td>268</td></tr> <tr><td>165°</td><td>498</td><td>442</td><td>285</td><td>230</td><td>211</td></tr> <tr><td>155°</td><td>707</td><td>543</td><td>260</td><td>182</td><td>164</td></tr> <tr><td>145°</td><td>971</td><td>702</td><td>224</td><td>135</td><td>115</td></tr> <tr><td>135°</td><td>1116</td><td>814</td><td>177</td><td>88</td><td>79</td></tr> <tr><td>125°</td><td>1071</td><td>887</td><td>134</td><td>61</td><td>62</td></tr> <tr><td>115°</td><td>825</td><td>734</td><td>80</td><td>42</td><td>51</td></tr> <tr><td>105°</td><td>565</td><td>538</td><td>33</td><td>41</td><td>56</td></tr> <tr><td>95°</td><td>128</td><td>167</td><td>7</td><td>25</td><td>30</td></tr> <tr><td>90°</td><td>9</td><td>28</td><td>5</td><td>6</td><td>0</td></tr> </tbody> </table>		0	45	90	135	180	180°	300	300	300	300	300	175°	353	338	296	275	268	165°	498	442	285	230	211	155°	707	543	260	182	164	145°	971	702	224	135	115	135°	1116	814	177	88	79	125°	1071	887	134	61	62	115°	825	734	80	42	51	105°	565	538	33	41	56	95°	128	167	7	25	30	90°	9	28	5	6	0	
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dimming and emergency options

NOM. LENGTH (FT)	LAMP TYPE	DIM1 Mark VII	DIM2 Mark X	DIM3 ECO-10	DIM4 Hi-lume	EM5 LP400	EM6 LP500	EM7 LP550	EM8 LP600
2	T5 (14W)	No	No	Yes	No	No	No	No	No
	T5HO (24W)	No	No	Yes	Yes	No	No	No	No
	T8 (17W)	Yes	Yes	No	No	No	No	No	No
3	T5 (21W)	No	No	Yes	No	No	No	No	No
	T5HO (39W)	No	No	Yes	Yes	No	No	No	No
	T8 (25W)	Yes	Yes	No	No	No	No	No	No
4	T5 (28W)	No	No	Yes	No	No	Yes	Yes	Yes
	T5HO (54W)	Yes	Yes	Yes	Yes	No	No	Yes	Yes
	T8 (32W)	Yes	Yes	Yes	No	Yes	No	Yes	Yes
8	T5 (28W)	No	No	Yes	No	No	Yes	Yes	Yes
	T5HO (54)	Yes	Yes	Yes	Yes	No	No	Yes	Yes
	T8 (32W)	Yes	Yes	Yes	No	Yes	No	Yes	Yes



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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