**HP-4 Indirect/Direct Lighting Facts™ Label**

Data based on 4’ luminaire.

### HP-4 ID SO/3500K

<table>
<thead>
<tr>
<th>SO - Standard Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light Output (Lumens)</td>
</tr>
<tr>
<td>Watts</td>
</tr>
<tr>
<td>Lumens per Watt (Efficacy)</td>
</tr>
</tbody>
</table>

### HP-4 ID HO/3500K

<table>
<thead>
<tr>
<th>HO - High Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light Output (Lumens)</td>
</tr>
<tr>
<td>Watts</td>
</tr>
<tr>
<td>Lumens per Watt (Efficacy)</td>
</tr>
</tbody>
</table>

**LED lightingfacts®**


Registration Number: D10F-D4J5SM (10/18/2012)
Model Number: HP4-ID-LED SO/SO-3500K
Type: Other
HP-4 Indirect/Direct Lighting Facts™ Label

Data based on 4’ luminaire.

HP-4 ID HO/SO 3500K

Light Output (Lumens) 4515
Watts 55.7
Lumens per Watt (Efficacy) 81

Color Accuracy
Color Rendering Index (CRI) 85

Light Color
Correlated Color Temperature (CCT) 3575 (Bright White)

Warm White | Bright White | Daylight
2700K | 3000K | 4500K | 6500K

HP-4 ID V/V 3500K

Light Output (Lumens) 7886
Watts 75.7
Lumens per Watt (Efficacy) 104.17

Color Accuracy
Color Rendering Index (CRI) 84

Light Color
Correlated Color Temperature (CCT) 3520 (Bright White)

Warm White | Bright White | Daylight
2700K | 3000K | 4500K | 6500K

Warranty** Yes


Registration Number: D1QF-WM/RTXJ (10/19/2012)
Model Number: HP-4-ID-LED-HO/SO-3500K
Type: Other

SO - Standard Output
HO - High Output

V - Very High Output
HP-4 Indirect/Direct Lighting Facts™ Label

Data based on 4" luminaire.

SO - Standard Output
HO - High Output

HP-4 ID SO/HO 3000K

<table>
<thead>
<tr>
<th>Light Output (Lumens)</th>
<th>4102</th>
</tr>
</thead>
<tbody>
<tr>
<td>Watts</td>
<td>55</td>
</tr>
<tr>
<td>Lumens per Watt (Efficacy)</td>
<td>74</td>
</tr>
</tbody>
</table>

Color Accuracy

Color Rendering Index (CRI) | 87 |

Light Color

2700K | 3000K | 4500K | 6500K

3104 (Bright White)


Registration Number: D109-PPJYT (4/26/2013)
Model Number: HP-4 ID-x-SO-HO-3000K
Type: Other

HP-4 ID HO/SO 3000K

<table>
<thead>
<tr>
<th>Light Output (Lumens)</th>
<th>4309</th>
</tr>
</thead>
<tbody>
<tr>
<td>Watts</td>
<td>55.4</td>
</tr>
<tr>
<td>Lumens per Watt (Efficacy)</td>
<td>77</td>
</tr>
</tbody>
</table>

Color Accuracy

Color Rendering Index (CRI) | 87 |

Light Color

2700K | 3000K | 4500K | 6500K

3103 (Bright White)


Registration Number: D109-SPSMS (4/26/2013)
Model Number: HP-4 ID-x-HO-SO-3000K
Type: Other
HP-4 Indirect/Direct Lighting Facts™ Label

Data based on 4' luminaire.

HO - High Output
HP-4 Indirect/Direct Lighting Facts™ Label

Data based on 4' luminaire.

<table>
<thead>
<tr>
<th>HP-4 ID HO/SO 4000K</th>
<th>HP-4 ID HO/HO 4000K</th>
</tr>
</thead>
</table>

**Light Output (Lumens)**
- HP-4 ID HO/SO 4000K: 4690
- HP-4 ID HO/HO 4000K: 5913

**Watts**
- HP-4 ID HO/SO 4000K: 55.3
- HP-4 ID HO/HO 4000K: 74.4

**Lumens per Watt (Efficacy)**
- HP-4 ID HO/SO 4000K: 84
- HP-4 ID HO/HO 4000K: 79

**Color Accuracy**
- HP-4 ID HO/SO 4000K: 84
- HP-4 ID HO/HO 4000K: 83

**Light Color**
- HP-4 ID HO/SO 4000K: 4144 (Bright White)
- HP-4 ID HO/HO 4000K: 4091 (Bright White)

**Color Rendering Index (CRI)**
- HP-4 ID HO/SO 4000K: 84
- HP-4 ID HO/HO 4000K: 83


HP-4 Indirect/Direct Lighting Facts™ Label

Data based on 4’ luminaire.

HP-4 ID SO/SO 4000K

Label:

- Light Output (Lumens): 3127
- Watts: 36.4
- Lumens per Watt (Efficacy): 85

Color Accuracy

- Color Rendering Index (CRI): 83

Light Color

- Correlated Color Temperature (CCT): 4117 (Bright White)
- Warm White
- Bright White
- Daylight

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.


Registration Number: D1OF-J1U72 (10/19/2012)
Model Number: HP4-ID-LED-SO/SO-4000K
Type: Other

SO - Standard Output

HP-4 ID SO/HO 4000K

Label:

- Light Output (Lumens): 4431
- Watts: 54.9
- Lumens per Watt (Efficacy): 80

Color Accuracy

- Color Rendering Index (CRI): 83

Light Color

- Correlated Color Temperature (CCT): 4156 (Bright White)
- Warm White
- Bright White
- Daylight

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.


Registration Number: D1OF-JV/R8B (10/19/2012)
Model Number: HP4-ID-LED-SO/HO-4000K
Type: Other

SO - Standard Output
HO - High Output