



BUY AMERICAN ACT OF 2009 COMPLIANT

GET A QUOTE &gt;

FINELITE

## High Performance 4" Aperture (HP-4) - Indirect/Direct

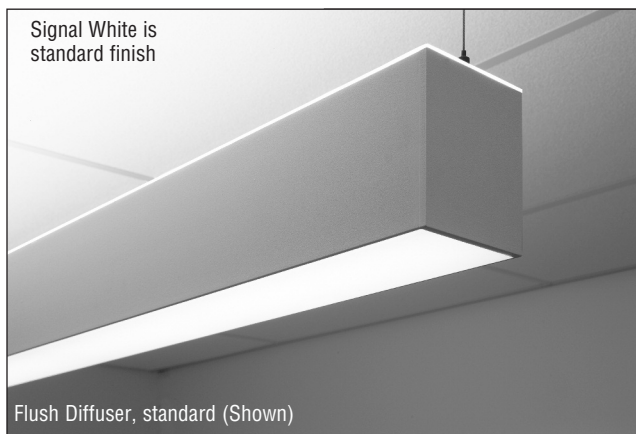


Date

Project

Type

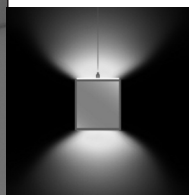
Comments



Signal White is standard finish

Flush Diffuser, standard (Shown)

Note: See Page 2 for all aesthetic options



## DESCRIPTION

High Performance 4" aperture Indirect/Direct (HP-4 ID) is a patented, linear LED luminaire that offers many aesthetic options including Top Glow™ or Flush for uplight and Bottom Glow™, 1" Drop Down Lens, Flush, Regressed diffuser, White Cross Blade Baffle, Hollowed Ellipse Louver, or Hex Louver for downlight. HP-4 ID has excellent performance using an advanced optical design and mid-power LEDs to achieve 90% of initial light output at 100,000+ hours.

ORDERING GUIDE: Sample Number: HP-4 ID - 32' - S - H - 835 - TG - F - 120V - FA - FE - SC - C1 - OBO

GET A QUOTE &gt;

|                                                                                                                 |                      |
|-----------------------------------------------------------------------------------------------------------------|----------------------|
| Finelite <b>HP-4 ID</b> (See pg 3 for cross sections)                                                           | <input type="text"/> |
| <b>HP-4 ID RG</b> (See pg 3 for cross sections)                                                                 | <input type="text"/> |
| Length (Minimum 2', increments accurate to 1/16" (± 1/32"), standard)                                           | <input type="text"/> |
| Uplight Output ( <b>S</b> - Standard, <b>B</b> - Boosted Standard, <b>H</b> - High, <b>V</b> - Very High)       | <input type="text"/> |
| Downlight Output ( <b>S</b> - Standard, <b>B</b> - Boosted Standard, <b>H</b> - High, <b>V</b> - Very High)     | <input type="text"/> |
| LED CRI/CCT ( <b>830</b> - 80 CRI min, 3000K <b>930</b> - 90 CRI min, 3000K                                     | <input type="text"/> |
| <b>835</b> - 80 CRI min, 3500K <b>935</b> - 90 CRI min, 3500K                                                   | <input type="text"/> |
| <b>840</b> - 80 CRI min, 4000K <b>940</b> - 90 CRI min, 4000K)                                                  | <input type="text"/> |
| Uplight Option ( <b>TG</b> - Top Glow (standard), <b>F</b> - Flush, <b>WSO</b> - Widespread Optic,              | <input type="text"/> |
| <b>WSOTG</b> - Widespread Optic with Top Glow, <b>ASY-L</b> - Asymmetric Left Optic,                            | <input type="text"/> |
| <b>ASY-R</b> - Asymmetric Right Optic, <b>ASYTG-L</b> - Asymmetric Left Optic with Top Glow,                    | <input type="text"/> |
| <b>ASYTG-R</b> - Asymmetric Right Optic with Top Glow)                                                          | <input type="text"/> |
| Downlight Option ( <b>F</b> - Flush (standard), <b>BG</b> - Bottom Glow, <b>DL</b> - 1" Drop Down Lens,         | <input type="text"/> |
| <b>RG-D</b> - Flat Diffuser with 1" Regress, <b>RG-WCB</b> - White Cross Blade Baffle,                          | <input type="text"/> |
| <b>RG-LHE</b> - Hollowed Ellipse Louver, <b>RG-LHC</b> - Hex Louver)                                            | <input type="text"/> |
| Voltage ( <b>120V</b> , <b>277V</b> , <b>347V</b> )                                                             | <input type="text"/> |
| Mounting ( <b>FA</b> - Fully Adjustable)                                                                        | <input type="text"/> |
| Endcap ( <b>FE</b> - Flat Endcap, <b>DE</b> - 1" Drop Down Lens Illuminated Endcap, <b>OE</b> - Open Endcap)    | <input type="text"/> |
| Circuiting ( <b>SC</b> - Single Circuit, <b>DC</b> - Dual Circuit)                                              | <input type="text"/> |
| Ceiling Type ( <b>C1</b> - 1" T-Bar, <b>C2</b> - 9/16" T-Bar, <b>C3</b> - screw slot, <b>C4</b> - hard ceiling) | <input type="text"/> |
| Integrated Sensor ( <b>OBO</b> - Occupancy Sensor, <b>OBD</b> - Daylight)                                       | <input type="text"/> |

<sup>1</sup> Available for HP-4 Indirect/Direct (HP-4 ID) only<sup>2</sup> Available for HP-4 Indirect/Direct Regressed (HP-4 ID RG) only<sup>3</sup> Available in 1" increments<sup>4</sup> Available for 1" Drop Down Lens (DL) downlight option only<sup>5</sup> Available with Hollowed Ellipse Louver (LHE) only<sup>6</sup> Contact factory for switching options<sup>7</sup> Available with Flush (F), Bottom Glow (BG), White Cross Blade Baffle (WCB), and Regressed (RG) downlight diffusers

Protected by one or more US Patents: 8915613; D702,391; D702,390; D700,732

A brand of legrand

Finelite, Inc. • 30500 Whipple Road • Union City, CA 94587-1530 • (510) 441-1100 • Fax: (510) 441-1510 • www.finelite.com

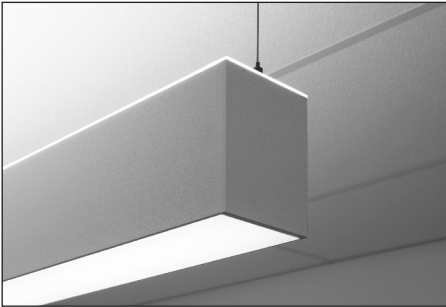
Due to continuing product improvements, Finelite reserves the right to change specifications without notice. Please visit www.finelite.com for most current data.

Page 1

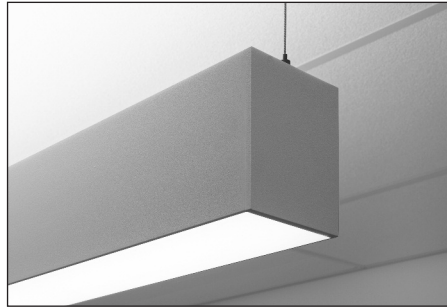
# FINELITE

## High Performance 4" Aperture (HP-4) - Indirect/Direct

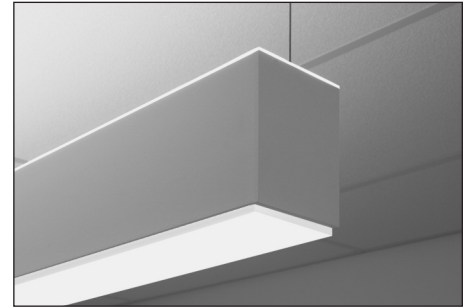
### AESTHETIC OPTIONS



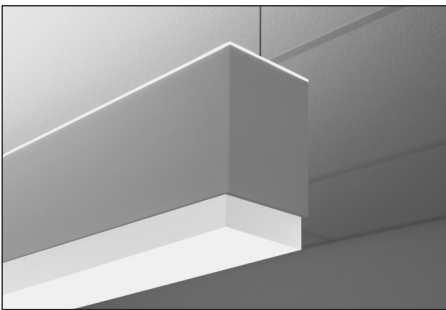
Top Glow and Flush Downlight Diffuser (TG/F)



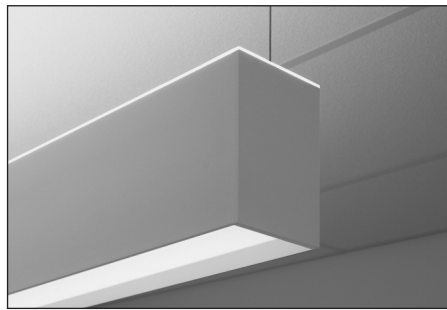
Flush Uplight and Downlight Diffuser (F/F)



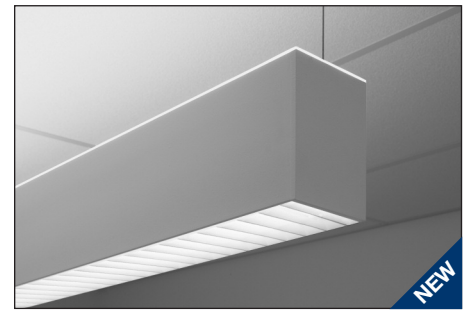
Top Glow and Bottom Glow Diffuser (TG/BG)



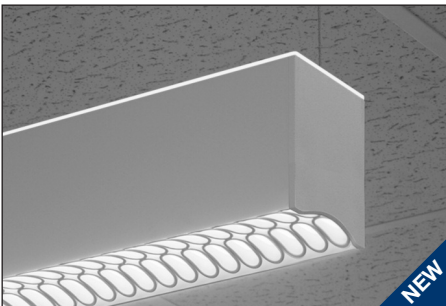
Top Glow and 1" Drop Down Lens (TG/DL)



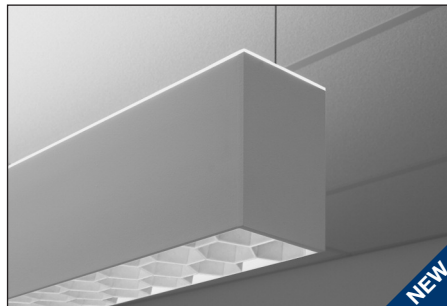
Top Glow and 1" Regressed Lens (TG/RG)



Top Glow and White Cross Blade Baffle (TG/RG-WCB)



Hollowed Ellipse Louver (TG/RG-LHE)



Hex Louver (TG/RG-LHC)

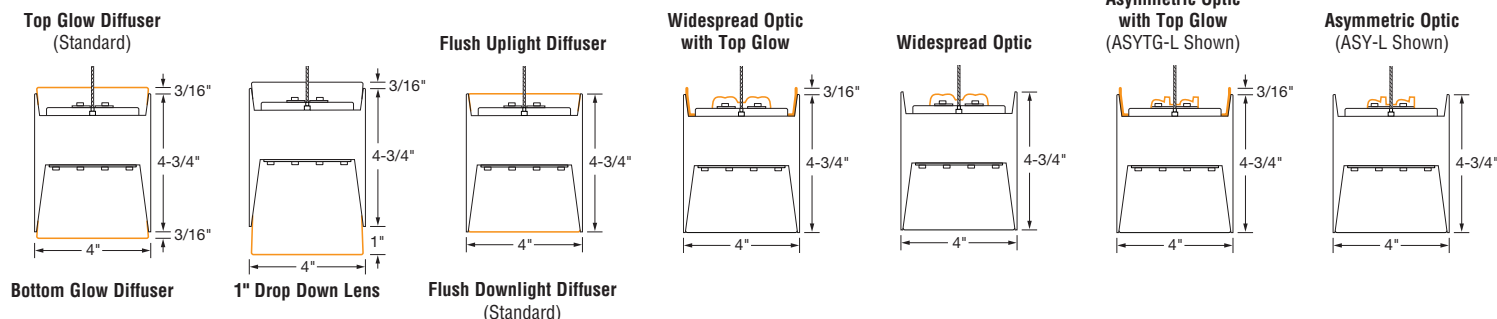
# FINELITE

## High Performance 4" Aperture (HP-4) - Indirect/Direct

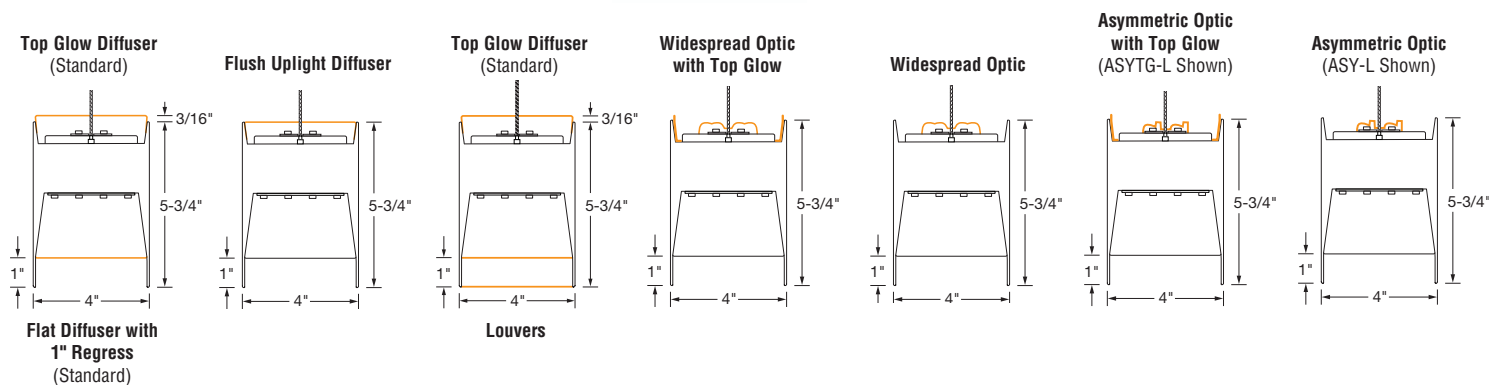
### OPTICAL SOLUTIONS AND AESTHETIC CHOICES

Offering multiple uplight optical solutions with WSO and ASY for maximized design effectiveness and diffusers available in Top Glow, Bottom Glow™, 1" Drop Down Lens, Louvers, Flush, and Regressed for a desired aesthetic.

#### HP-4 ID



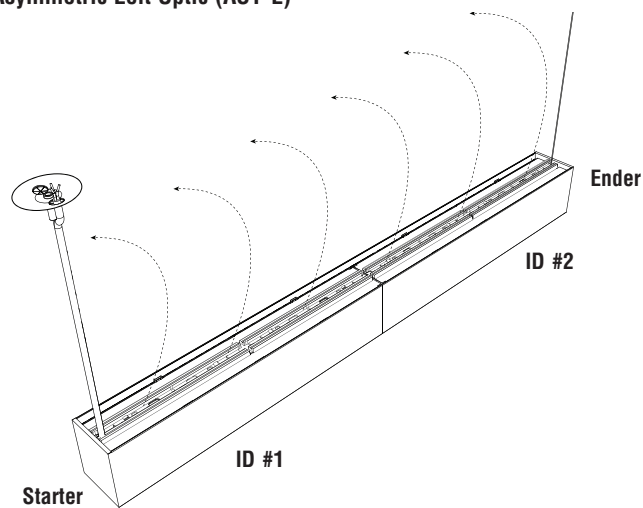
#### HP-4 ID RG



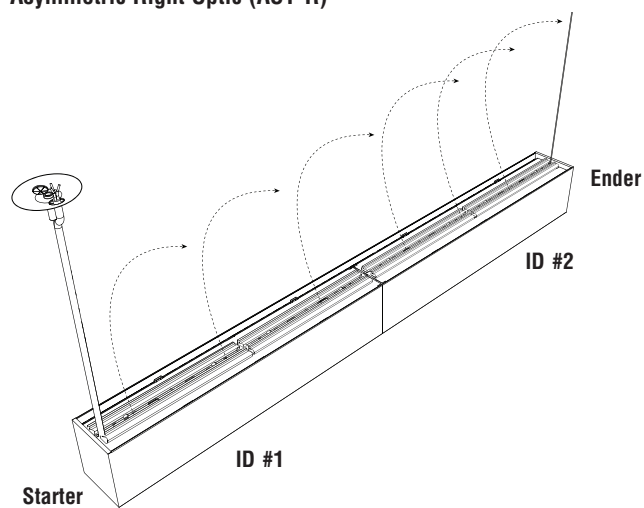
### ASYMMETRIC

Use this tool to understand how to specify Asymmetric for your project. The diagrams below show a linear run from power feed to ender. Specify: ASY-L distributed light to the left or ASY-R distributed light to the right.

#### Asymmetric Left Optic (ASY-L)



#### Asymmetric Right Optic (ASY-R)



# FINELITE

## High Performance 4" Aperture (HP-4) - Indirect/Direct

### PHOTOMETRY

UPLIGHT: FLUSH DIFFUSER

DOWNLIGHT: FLUSH DIFFUSER

HP-4-ID-V-V-835-F

Very High Output / Very High Output - 4' Luminaire

Distribution: 53% Up (V) / 47% Down (V)

Efficacy: 106 lumens per watt

Uplight: 4180 lumens (1045 lumens/foot)

Downlight: 3706 lumens (927 lumens/foot)

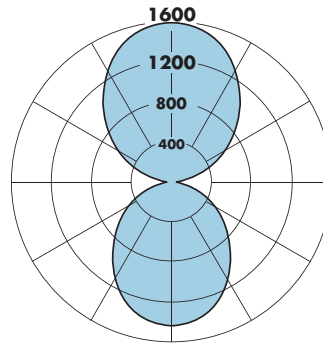
Total luminaire output: 7886 lumens (1972 lumens/foot)

74.1 watts (18.5 watts/foot)

CRI: 80

CCT: 3500K

ITL LM79 Report 85125



| CANDELA DISTRIBUTION |      |      |      |      |      |      |
|----------------------|------|------|------|------|------|------|
|                      | 0.0  | 22.5 | 45   | 67.5 | 90   | Flux |
| 0                    | 1443 | 1443 | 1443 | 1443 | 1443 |      |
| 5                    | 1433 | 1434 | 1434 | 1433 | 1434 | 136  |
| 15                   | 1368 | 1360 | 1365 | 1363 | 1356 | 384  |
| 25                   | 1239 | 1225 | 1228 | 1224 | 1216 | 564  |
| 35                   | 1062 | 1050 | 1049 | 1040 | 1034 | 654  |
| 45                   | 859  | 850  | 847  | 838  | 832  | 652  |
| 55                   | 647  | 640  | 637  | 628  | 624  | 568  |
| 65                   | 435  | 430  | 429  | 424  | 422  | 424  |
| 75                   | 233  | 234  | 233  | 234  | 232  | 248  |
| 85                   | 65   | 67   | 68   | 69   | 70   | 76   |
| 90                   | 0    | 0    | 0    | 0    | 0    |      |
| 95                   | 71   | 72   | 76   | 81   | 82   | 86   |
| 105                  | 257  | 261  | 266  | 270  | 269  | 281  |
| 115                  | 485  | 483  | 485  | 490  | 486  | 482  |
| 125                  | 723  | 726  | 726  | 720  | 717  | 646  |
| 135                  | 963  | 958  | 961  | 958  | 951  | 739  |
| 145                  | 1189 | 1177 | 1185 | 1179 | 1172 | 738  |
| 155                  | 1377 | 1367 | 1374 | 1368 | 1363 | 631  |
| 165                  | 1517 | 1510 | 1514 | 1511 | 1510 | 426  |
| 175                  | 1590 | 1590 | 1590 | 1589 | 1590 | 151  |
| 180                  | 1600 | 1600 | 1600 | 1600 | 1600 |      |

↑ Indirect

↓ Direct

### Total Light Output, 3500K, 80 CRI (Lumens) - 4' Luminaire

|     | ↑S*                | ↑B*                | ↑H*                | ↑V**               |
|-----|--------------------|--------------------|--------------------|--------------------|
| ↓S* | 3228 [↑53%   47%↓] | 3668 [↑59%   41%↓] | 4768 [↑68%   32%↓] | 5697 [↑73%   27%↓] |
| ↓B* | 3618 [↑47%   53%↓] | 4058 [↑53%   47%↓] | 5158 [↑63%   37%↓] | 6087 [↑69%   31%↓] |
| ↓H* | 4594 [↑37%   63%↓] | 5034 [↑43%   57%↓] | 6134 [↑53%   47%↓] | 7062 [↑59%   41%↓] |
| ↓V* | 5417 [↑32%   68%↓] | 5857 [↑37%   63%↓] | 6957 [↑47%   53%↓] | 7886 [↑53%   47%↓] |

### Light Output, 3500K, 80 CRI (Lumens Per Foot)

|     | ↑S*  | ↑B*  | ↑H*  | ↑V** |
|-----|------|------|------|------|
| ↓S* | 807  | 917  | 1192 | 1424 |
| ↓B* | 905  | 1015 | 1290 | 1522 |
| ↓H* | 1148 | 1258 | 1533 | 1766 |
| ↓V* | 1354 | 1464 | 1739 | 1972 |

### Power, 3500K, 80 CRI (Watts Per Foot)

|     | ↑S*  | ↑B*  | ↑H*  | ↑V** |
|-----|------|------|------|------|
| ↓S* | 7.3  | 8.2  | 10.7 | 12.9 |
| ↓B* | 8.2  | 9.2  | 11.7 | 13.9 |
| ↓H* | 10.7 | 11.7 | 14.2 | 16.4 |
| ↓V* | 12.9 | 13.9 | 16.4 | 18.5 |

### Efficacy, 3500K, 80 CRI (Lumens Per Watt)

|     | ↑S* | ↑B* | ↑H* | ↑V** |
|-----|-----|-----|-----|------|
| ↓S* | 111 | 111 | 111 | 111  |
| ↓B* | 110 | 110 | 110 | 110  |
| ↓H* | 107 | 107 | 108 | 108  |
| ↓V* | 105 | 106 | 106 | 106  |

S - Standard Output, B - Boosted Standard Output, H - High Output, V - Very High Output

\* Family Correlation based on 4' luminaire 3500K Very High Output (V) test - 120V

\*\* Based on ITL report: 85125

Protected by one or more US Patents: 8915613; D702,391; D702,390; D700,732

### Lumen Adjustment Factors - 80 CRI

|       |       |
|-------|-------|
| 3000K | 0.985 |
| 3500K | 1.000 |
| 4000K | 1.032 |

### Lumen Adjustment Factors - 90 CRI

|       |       |
|-------|-------|
| 3000K | 0.746 |
| 3500K | 0.760 |
| 4000K | 0.789 |

Apply a lumen adjustment factor to calculate lumens for the desired CCT and CRI.

### SAMPLE LUMEN ADJUSTMENT CALCULATION

High Output (H) / Standard Output (S),  
4000K, 90 CRI

Lumen Adjustment Factor = 0.789

Total Light Output =  
4768 lm x 0.789 = 3762 lm

Total Light Output per Foot =  
1192 lm/ft x 0.789 = 940 lm/ft

watts/foot = 10.7 W/ft

$$\text{Efficacy} = \frac{940 \frac{\text{lm}}{\text{ft}}}{10.7 \frac{\text{W}}{\text{ft}}} = 88 \text{ lm/W}$$

A brand of LeGrand

Finelite, Inc. • 30500 Whipple Road • Union City, CA 94587-1530 • (510) 441-1100 • Fax: (510) 441-1510 • www.finelite.com

Due to continuing product improvements, Finelite reserves the right to change specifications without notice. Please visit www.finelite.com for most current data.

Page 4

# FINELITE

## High Performance 4" Aperture (HP-4) - Indirect/Direct

### PHOTOMETRY

**UPLIGHT:** FLUSH DIFFUSER

**DOWNLIGHT:** 1" DROP DOWN LENS

HP-4-ID-V-V-835-F-DL

Very High Output / Very High Output - 4' Luminaire

Distribution: 55% Up (V) / 45% Down (V)

Efficacy: 112 lumens per watt

Uplight: 4570 lumens (1143 lumens/foot)

Downlight: 3707 lumens (927 lumens/foot)

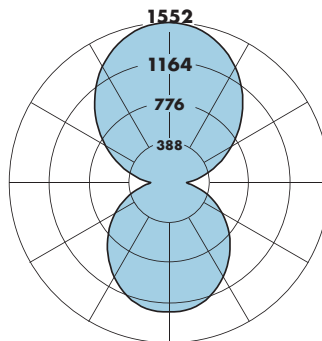
Total luminaire output: 8277 lumens (2069 lumens/foot)

74.1 watts (18.5 watts/foot)

CRI: 80

CCT: 3500K

ITL LM79 Report 85125



| CANDELA DISTRIBUTION |      |      |      |      |      |      |
|----------------------|------|------|------|------|------|------|
|                      | 0.0  | 22.5 | 45.0 | 67.5 | 90.0 | Flux |
| 0                    | 1251 | 1251 | 1251 | 1251 | 1251 |      |
| 5                    | 1243 | 1244 | 1247 | 1249 | 1250 | 119  |
| 15                   | 1187 | 1188 | 1204 | 1210 | 1210 | 338  |
| 25                   | 1077 | 1082 | 1106 | 1116 | 1117 | 507  |
| 35                   | 924  | 940  | 973  | 986  | 987  | 603  |
| 45                   | 752  | 779  | 818  | 836  | 841  | 623  |
| 55                   | 569  | 604  | 651  | 677  | 683  | 572  |
| 65                   | 382  | 425  | 477  | 510  | 520  | 462  |
| 75                   | 199  | 249  | 307  | 345  | 358  | 312  |
| 85                   | 50   | 104  | 165  | 206  | 219  | 170  |
| 90                   | 10   | 61   | 120  | 160  | 173  |      |
| 95                   | 84   | 134  | 190  | 227  | 239  | 101  |
| 105                  | 270  | 311  | 363  | 397  | 407  | 281  |
| 115                  | 492  | 520  | 564  | 598  | 602  | 482  |
| 125                  | 718  | 745  | 780  | 797  | 807  | 646  |
| 135                  | 946  | 968  | 997  | 1009 | 1013 | 739  |
| 145                  | 1163 | 1163 | 1198 | 1205 | 1206 | 738  |
| 155                  | 1344 | 1337 | 1358 | 1368 | 1365 | 631  |
| 165                  | 1476 | 1468 | 1479 | 1482 | 1483 | 426  |
| 175                  | 1542 | 1542 | 1543 | 1543 | 1542 | 151  |
| 180                  | 1552 | 1552 | 1552 | 1552 | 1552 |      |

↑ Indirect

↓ Direct

### Total Light Output, 3500K, 80 CRI (Lumens) - 4' Luminaire

|     | ↑S*                | ↑B*                | ↑H*                | ↑V**               |
|-----|--------------------|--------------------|--------------------|--------------------|
| ↓S* | 3388 [↑55%   45%↓] | 3869 [↑61%   39%↓] | 5072 [↑70%   30%↓] | 6087 [↑75%   25%↓] |
| ↓B* | 3778 [↑50%   50%↓] | 4260 [↑55%   45%↓] | 5462 [↑65%   35%↓] | 6478 [↑71%   29%↓] |
| ↓H* | 4754 [↑39%   61%↓] | 5235 [↑45%   55%↓] | 6438 [↑55%   45%↓] | 7453 [↑61%   39%↓] |
| ↓V* | 5578 [↑34%   66%↓] | 6059 [↑39%   61%↓] | 7261 [↑49%   51%↓] | 8277 [↑55%   45%↓] |

### Light Output, 3500K, 80 CRI (Lumens Per Foot)

|     | ↑S*  | ↑B*  | ↑H*  | ↑V** |
|-----|------|------|------|------|
| ↓S* | 847  | 967  | 1268 | 1522 |
| ↓B* | 945  | 1065 | 1366 | 1619 |
| ↓H* | 1188 | 1309 | 1609 | 1863 |
| ↓V* | 1394 | 1515 | 1815 | 2069 |

### Power, 3500K, 80 CRI (Watts Per Foot)

|     | ↑S*  | ↑B*  | ↑H*  | ↑V** |
|-----|------|------|------|------|
| ↓S* | 7.3  | 8.2  | 10.7 | 12.9 |
| ↓B* | 8.2  | 9.2  | 11.7 | 13.9 |
| ↓H* | 10.7 | 11.7 | 14.2 | 16.4 |
| ↓V* | 12.9 | 13.9 | 16.4 | 18.5 |

### Efficacy, 3500K, 80 CRI (Lumens Per Watt)

|     | ↑S* | ↑B* | ↑H* | ↑V** |
|-----|-----|-----|-----|------|
| ↓S* | 117 | 117 | 118 | 118  |
| ↓B* | 115 | 116 | 117 | 117  |
| ↓H* | 111 | 112 | 113 | 114  |
| ↓V* | 108 | 109 | 111 | 112  |

**S** - Standard Output, **B** - Boosted Standard Output, **H** - High Output, **V** - Very High Output

\* Family Correlation based on 4' luminaire 3500K Very High Output (V) test - 120V

\*\* Based on ITL report: 85125

Protected by one or more US Patents: 8915613; D702,391; D702,390; D700,732

### Lumen Adjustment Factors - 80 CRI

|       |       |
|-------|-------|
| 3000K | 0.985 |
| 3500K | 1.000 |
| 4000K | 1.032 |

### Lumen Adjustment Factors - 90 CRI

|       |       |
|-------|-------|
| 3000K | 0.746 |
| 3500K | 0.760 |
| 4000K | 0.789 |

Apply a lumen adjustment factor to calculate lumens for the desired CCT and CRI.

### SAMPLE LUMEN ADJUSTMENT CALCULATION

High Output (H) / Standard Output (S),  
4000K, 90 CRI

Lumen Adjustment Factor = 0.789

Total Light Output =  
5072 lm x 0.789 = 4002 lm

Total Light Output per Foot =  
1268 lm/ft x 0.789 = 1000 lm/ft

watts/foot = 10.7 W/ft

$$\text{Efficacy} = \frac{1000 \frac{\text{lm}}{\text{ft}}}{10.7 \frac{\text{W}}{\text{ft}}} = 93 \text{ lm/W}$$

A brand of legrand

Finelite, Inc. • 30500 Whipple Road • Union City, CA 94587-1530 • (510) 441-1100 • Fax: (510) 441-1510 • www.finelite.com

Due to continuing product improvements, Finelite reserves the right to change specifications without notice. Please visit www.finelite.com for most current data.

Page 5



# FINELITE

## High Performance 4" Aperture (HP-4) - Indirect/Direct

### PHOTOMETRY

**UPLIGHT:** FLUSH DIFFUSER

**DOWNLIGHT:** REGRESSED DIFFUSER

HP-4-ID-RG-V-V-835-F

Very High Output / Very High Output - 4' Luminaire

Distribution: 56% Up (V) / 44% Down (V)

Efficacy: 108 lumens per watt

Uplight: 4406 lumens (1102 lumens/foot)

Downlight: 3531 lumens (883 lumens/foot)

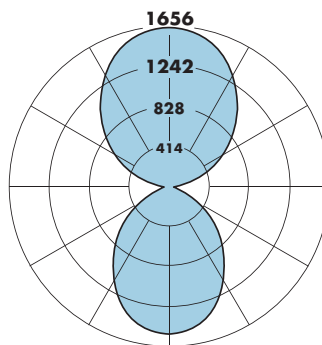
Total luminaire output: 7937 lumens (1984 lumens/foot)

73.2 watts (18.3 watts/foot)

CRI: 80

CCT: 3500K

ITL LM79 Report 90353



| CANDELA DISTRIBUTION |      |      |      |      |           |
|----------------------|------|------|------|------|-----------|
|                      | 0.0  | 22.5 | 45.0 | 67.5 | 90.0 Flux |
| 0                    | 1507 | 1507 | 1507 | 1507 | 1507      |
| 5                    | 1497 | 1496 | 1496 | 1497 | 1498      |
| 15                   | 1429 | 1419 | 1418 | 1410 | 1400      |
| 25                   | 1293 | 1276 | 1259 | 1237 | 1227      |
| 35                   | 1109 | 1087 | 1053 | 1020 | 1003      |
| 45                   | 902  | 871  | 824  | 780  | 764       |
| 55                   | 682  | 645  | 588  | 541  | 525       |
| 65                   | 457  | 418  | 358  | 313  | 299       |
| 75                   | 244  | 203  | 151  | 120  | 115       |
| 85                   | 60   | 36   | 33   | 32   | 31        |
| 90                   | 0    | 0    | 0    | 0    | 0         |
| 95                   | 75   | 78   | 81   | 84   | 85        |
| 105                  | 276  | 281  | 287  | 293  | 293       |
| 115                  | 514  | 516  | 523  | 528  | 526       |
| 125                  | 65   | 764  | 768  | 772  | 774       |
| 135                  | 1010 | 1003 | 1011 | 1016 | 1016      |
| 145                  | 1241 | 1227 | 1240 | 1239 | 1237      |
| 155                  | 1434 | 1421 | 1433 | 1431 | 1426      |
| 165                  | 1574 | 1566 | 1571 | 1568 | 1565      |
| 175                  | 1646 | 1646 | 1646 | 1645 | 1645      |
| 180                  | 1656 | 1656 | 1656 | 1656 | 1656      |

↑ Indirect    ↓ Direct

| Total Light Output, 3500K, 80 CRI (Lumens) - 4' Luminaire |                    |                    |                    |                    |
|-----------------------------------------------------------|--------------------|--------------------|--------------------|--------------------|
|                                                           | ↑S*                | ↑B*                | ↑H*                | ↑V**               |
| ↓S*                                                       | 3249 [↑55%   45%↓] | 3713 [↑61%   39%↓] | 4872 [↑70%   30%↓] | 5851 [↑75%   25%↓] |
| ↓B*                                                       | 3621 [↑50%   50%↓] | 4085 [↑55%   45%↓] | 5244 [↑65%   35%↓] | 6223 [↑71%   29%↓] |
| ↓H*                                                       | 4550 [↑40%   60%↓] | 5014 [↑45%   55%↓] | 6173 [↑56%   44%↓] | 7152 [↑62%   38%↓] |
| ↓V*                                                       | 5335 [↑34%   66%↓] | 5798 [↑39%   61%↓] | 6958 [↑49%   51%↓] | 7937 [↑56%   44%↓] |

| Light Output, 3500K, 80 CRI (Lumens Per Foot) |      |      |      |      |
|-----------------------------------------------|------|------|------|------|
|                                               | ↑S*  | ↑B*  | ↑H*  | ↑V** |
| ↓S*                                           | 812  | 928  | 1218 | 1463 |
| ↓B*                                           | 905  | 1021 | 1311 | 1556 |
| ↓H*                                           | 1137 | 1253 | 1543 | 1788 |
| ↓V*                                           | 1334 | 1450 | 1739 | 1984 |

| Power, 3500K, 80 CRI (Watts Per Foot) |      |      |      |      |
|---------------------------------------|------|------|------|------|
|                                       | ↑S*  | ↑B*  | ↑H*  | ↑V** |
| ↓S*                                   | 7.2  | 8.1  | 10.6 | 12.7 |
| ↓B*                                   | 8.1  | 9.1  | 11.6 | 13.7 |
| ↓H*                                   | 10.6 | 11.6 | 14.0 | 16.2 |
| ↓V*                                   | 12.7 | 13.7 | 16.2 | 18.3 |

| Efficacy, 3500K, 80 CRI (Lumens Per Watt) |     |     |     |      |
|-------------------------------------------|-----|-----|-----|------|
|                                           | ↑S* | ↑B* | ↑H* | ↑V** |
| ↓S*                                       | 113 | 114 | 115 | 115  |
| ↓B*                                       | 111 | 112 | 113 | 114  |
| ↓H*                                       | 107 | 108 | 110 | 111  |
| ↓V*                                       | 105 | 106 | 108 | 108  |

**S** - Standard Output, **B** - Boosted Standard Output, **H** - High Output, **V** - Very High Output

\* Family Correlation based on 4' luminaire 3500K Very High Output (V) test - 120V

\*\* Based on ITL report: 90353

Protected by one or more US Patents: 8915613; D702,391; D702,390; D700,732

### Lumen Adjustment Factors - 80 CRI

|       |       |
|-------|-------|
| 3000K | 0.985 |
| 3500K | 1.000 |
| 4000K | 1.032 |

### Lumen Adjustment Factors - 90 CRI

|       |       |
|-------|-------|
| 3000K | 0.746 |
| 3500K | 0.760 |
| 4000K | 0.789 |

Apply a lumen adjustment factor to calculate lumens for the desired CCT and CRI.

### SAMPLE LUMEN ADJUSTMENT CALCULATION

High Output (H) / Standard Output (S),  
4000K, 90 CRI

Lumen Adjustment Factor = 0.789

Total Light Output =  
4872 lm x 0.789 = 3844 lm

Total Light Output per Foot =  
1218 lm/ft x 0.789 = 961 lm/ft

watts/foot = 10.6 W/ft

$$\text{Efficacy} = \frac{961 \frac{\text{lm}}{\text{ft}}}{10.6 \frac{\text{W}}{\text{ft}}} = 91 \text{ lm/W}$$

A brand of Legrand

Finelite, Inc. • 30500 Whipple Road • Union City, CA 94587-1530 • (510) 441-1100 • Fax: (510) 441-1510 • www.finelite.com

# FINELITE

## High Performance 4" Aperture (HP-4) - Indirect/Direct

### PHOTOMETRY

UPLIGHT: WIDESPREAD OPTIC

DOWNLIGHT: FLUSH DIFFUSER

HP-4-ID-V-V-835-F-WSO

Very High Output / Very High Output - 4' Luminaire

Distribution: 54% Up (V) / 46% Down (V)

Efficacy: 109 lumens per watt

Uplight: 4302 lumens (1076 lumens/foot)

Downlight: 3676 lumens (919 lumens/foot)

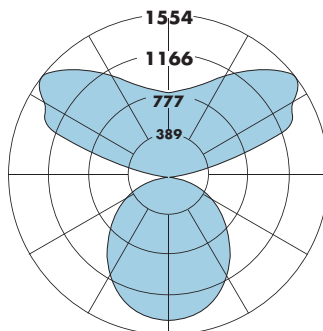
Total luminaire output: 7978 lumens (1995 lumens/foot)

73.3 watts (18.3 watts/foot)

CRI: 80

CCT: 3500K

ITL LM79 Report 89033



↑ Indirect    ↓ Direct

| CANDELA DISTRIBUTION |      |      |      |      |      |      |
|----------------------|------|------|------|------|------|------|
|                      | 0.0  | 22.5 | 45   | 67.5 | 90   | Flux |
| 0                    | 1378 | 1378 | 1378 | 1378 | 1378 |      |
| 5                    | 1370 | 1370 | 1369 | 1370 | 1370 | 130  |
| 15                   | 1314 | 1304 | 1309 | 1310 | 1305 | 369  |
| 25                   | 1197 | 1184 | 1190 | 1187 | 1184 | 548  |
| 35                   | 1038 | 1027 | 1030 | 1025 | 1020 | 643  |
| 45                   | 851  | 841  | 843  | 837  | 833  | 648  |
| 55                   | 652  | 643  | 642  | 636  | 635  | 573  |
| 65                   | 446  | 437  | 438  | 435  | 433  | 433  |
| 75                   | 245  | 240  | 242  | 241  | 240  | 256  |
| 85                   | 70   | 68   | 67   | 67   | 69   | 77   |
| 90                   | 0    | 0    | 0    | 0    | 0    |      |
| 95                   | 45   | 80   | 82   | 64   | 64   | 97   |
| 105                  | 211  | 271  | 614  | 589  | 472  | 485  |
| 115                  | 385  | 434  | 783  | 1212 | 1323 | 804  |
| 125                  | 503  | 565  | 885  | 1386 | 1514 | 852  |
| 135                  | 588  | 656  | 915  | 1294 | 1462 | 752  |
| 145                  | 668  | 723  | 912  | 1137 | 1234 | 585  |
| 155                  | 737  | 771  | 882  | 992  | 1037 | 409  |
| 165                  | 790  | 802  | 845  | 884  | 899  | 240  |
| 175                  | 816  | 817  | 821  | 825  | 828  | 79   |
| 180                  | 819  | 819  | 819  | 819  | 819  |      |

| Total Light Output, 3500K, 80 CRI (Lumens) - 4' Luminaire |                    |                    |                    |                    |
|-----------------------------------------------------------|--------------------|--------------------|--------------------|--------------------|
|                                                           | ↑S*                | ↑B*                | ↑H*                | ↑V**               |
| ↓S*                                                       | 3266 [↑54%   46%↓] | 3719 [↑60%   40%↓] | 4851 [↑69%   31%↓] | 5807 [↑74%   26%↓] |
| ↓B*                                                       | 3653 [↑48%   52%↓] | 4106 [↑54%   46%↓] | 5238 [↑64%   36%↓] | 6194 [↑70%   30%↓] |
| ↓H*                                                       | 4620 [↑38%   62%↓] | 5073 [↑44%   56%↓] | 6205 [↑54%   46%↓] | 7161 [↑60%   40%↓] |
| ↓V*                                                       | 5437 [↑32%   68%↓] | 5890 [↑38%   62%↓] | 7022 [↑48%   52%↓] | 7978 [↑54%   46%↓] |

| Light Output, 3500K, 80 CRI (Lumens Per Foot) |      |      |      |      |
|-----------------------------------------------|------|------|------|------|
|                                               | ↑S*  | ↑B*  | ↑H*  | ↑V** |
| ↓S*                                           | 816  | 930  | 1213 | 1452 |
| ↓B*                                           | 913  | 1026 | 1309 | 1548 |
| ↓H*                                           | 1155 | 1268 | 1551 | 1790 |
| ↓V*                                           | 1359 | 1472 | 1756 | 1995 |

| Power, 3500K, 80 CRI (Watts Per Foot) |      |      |      |      |
|---------------------------------------|------|------|------|------|
|                                       | ↑S*  | ↑B*  | ↑H*  | ↑V** |
| ↓S*                                   | 7.2  | 8.1  | 10.6 | 12.7 |
| ↓B*                                   | 8.1  | 9.1  | 11.6 | 13.7 |
| ↓H*                                   | 10.6 | 11.6 | 14.1 | 16.2 |
| ↓V*                                   | 12.7 | 13.7 | 16.2 | 18.3 |

| Efficacy, 3500K, 80 CRI (Lumens Per Watt) |     |     |     |      |
|-------------------------------------------|-----|-----|-----|------|
|                                           | ↑S* | ↑B* | ↑H* | ↑V** |
| ↓S*                                       | 114 | 114 | 114 | 114  |
| ↓B*                                       | 112 | 113 | 113 | 113  |
| ↓H*                                       | 109 | 109 | 110 | 111  |
| ↓V*                                       | 107 | 107 | 108 | 109  |

S - Standard Output, B - Boosted Standard Output, H - High Output, V - Very High Output

\* Family Correlation based on 4' luminaire 3500K Very High Output (V) test - 120V

\*\* Based on ITL report: 89033

### Lumen Adjustment Factors - 80 CRI

|       |       |
|-------|-------|
| 3000K | 0.985 |
| 3500K | 1.000 |
| 4000K | 1.032 |

### Lumen Adjustment Factors - 90 CRI

|       |       |
|-------|-------|
| 3000K | 0.746 |
| 3500K | 0.760 |
| 4000K | 0.789 |

Apply a lumen adjustment factor to calculate lumens for the desired CCT and CRI.

### SAMPLE LUMEN ADJUSTMENT CALCULATION

High Output (H) / Standard Output (S),  
4000K, 90 CRI

Lumen Adjustment Factor = 0.789

Total Light Output =  
4851 lm x 0.789 = 3827 lm

Total Light Output per Foot =  
1213 lm/ft x 0.789 = 957 lm/ft

watts/foot = 10.6 W/ft

$$\text{Efficacy} = \frac{957 \frac{\text{lm}}{\text{ft}}}{10.6 \frac{\text{W}}{\text{ft}}} = 90 \text{ lm/W}$$

# FINELITE

## High Performance 4" Aperture (HP-4) - Indirect/Direct

### PHOTOMETRY

UPLIGHT: ASYMMETRIC OPTIC

DOWNLIGHT: FLUSH DIFFUSER

HP-4-ID-V-V-835-F-ASYM-WSO

Very High Output / Very High Output - 4' Luminaire

Distribution: 54% Up (V) / 46% Down (V)

Efficacy: 111 lumens per watt

Uplight: 4436 lumens (1109 lumens/foot)

Downlight: 3766 lumens (942 lumens/foot)

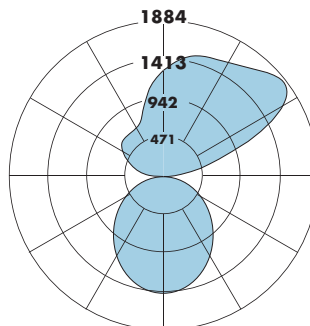
Total Luminaire Output: 8202 lumens (2051 lumens/foot)

73.8 watts (18.5 watts/foot)

CRI: 80

CCT: 3500K

ITL LM79 Report 89988



| CANDELA DISTRIBUTION |      |      |      |       |            |
|----------------------|------|------|------|-------|------------|
|                      | 0.0  | 45.0 | 90.0 | 135.0 | 180.0 Flux |
| 0                    | 1434 | 1434 | 1434 | 1434  | 1434       |
| 5                    | 1427 | 1427 | 1426 | 1425  | 1426       |
| 15                   | 1361 | 1363 | 1363 | 1360  | 1358       |
| 25                   | 1230 | 1235 | 1235 | 1234  | 1227       |
| 35                   | 1054 | 1063 | 1063 | 1060  | 1050       |
| 45                   | 860  | 866  | 867  | 864   | 856        |
| 55                   | 648  | 654  | 657  | 654   | 647        |
| 65                   | 439  | 444  | 444  | 442   | 437        |
| 75                   | 245  | 244  | 243  | 240   | 238        |
| 85                   | 68   | 67   | 67   | 66    | 66         |
| 90                   | 0    | 0    | 0    | 0     | 0          |
| 95                   | 142  | 146  | 57   | 141   | 175        |
| 105                  | 582  | 647  | 207  | 294   | 355        |
| 115                  | 1335 | 1134 | 369  | 414   | 493        |
| 125                  | 1861 | 1288 | 545  | 504   | 620        |
| 135                  | 1803 | 1318 | 724  | 574   | 667        |
| 145                  | 1657 | 1367 | 909  | 644   | 668        |
| 155                  | 1581 | 1432 | 1084 | 783   | 706        |
| 165                  | 1537 | 1446 | 1220 | 1009  | 910        |
| 175                  | 1401 | 1366 | 1293 | 1225  | 1196       |
| 180                  | 1302 | 1302 | 1302 | 1302  | 1302       |

↑ Indirect    ↓ Direct

| Total Light Output, 3500K, 80 CRI (Lumens) - 4' Luminaire |                    |                    |                    |                    |
|-----------------------------------------------------------|--------------------|--------------------|--------------------|--------------------|
|                                                           | ↑S*                | ↑B*                | ↑H*                | ↑V**               |
| ↓S*                                                       | 3358 [↑54%   46%↓] | 3824 [↑60%   40%↓] | 4992 [↑69%   31%↓] | 5978 [↑74%   26%↓] |
| ↓B*                                                       | 3754 [↑48%   52%↓] | 4221 [↑54%   46%↓] | 5388 [↑64%   36%↓] | 6374 [↑70%   30%↓] |
| ↓H*                                                       | 4745 [↑38%   62%↓] | 5212 [↑44%   56%↓] | 6379 [↑54%   46%↓] | 7365 [↑60%   40%↓] |
| ↓V*                                                       | 5582 [↑33%   67%↓] | 6049 [↑38%   62%↓] | 7216 [↑48%   52%↓] | 8202 [↑54%   46%↓] |

| Light Output, 3500K, 80 CRI (Lumens Per Foot) |      |      |      |      |
|-----------------------------------------------|------|------|------|------|
|                                               | ↑S*  | ↑B*  | ↑H*  | ↑V** |
| ↓S*                                           | 839  | 956  | 1248 | 1494 |
| ↓B*                                           | 938  | 1055 | 1347 | 1594 |
| ↓H*                                           | 1186 | 1303 | 1595 | 1841 |
| ↓V*                                           | 1395 | 1512 | 1804 | 2051 |

| Power, 3500K, 80 CRI (Watts Per Foot) |      |      |      |      |
|---------------------------------------|------|------|------|------|
|                                       | ↑S*  | ↑B*  | ↑H*  | ↑V** |
| ↓S*                                   | 7.2  | 8.2  | 10.7 | 12.8 |
| ↓B*                                   | 8.2  | 9.2  | 11.7 | 13.8 |
| ↓H*                                   | 10.7 | 11.7 | 14.2 | 16.3 |
| ↓V*                                   | 12.8 | 13.8 | 16.3 | 18.5 |

| Efficacy, 3500K, 80 CRI (Lumens Per Watt) |     |     |     |      |
|-------------------------------------------|-----|-----|-----|------|
|                                           | ↑S* | ↑B* | ↑H* | ↑V** |
| ↓S*                                       | 116 | 117 | 117 | 116  |
| ↓B*                                       | 114 | 115 | 115 | 115  |
| ↓H*                                       | 111 | 112 | 113 | 113  |
| ↓V*                                       | 109 | 109 | 111 | 111  |

S - Standard Output, B - Boosted Standard Output, H - High Output, V - Very High Output

\* Family Correlation based on 4' luminaire 3500K Very High Output (V) test - 120V.

\*\* Based on ITL report: 89988

### Lumen Adjustment Factors - 80 CRI

|       |       |
|-------|-------|
| 3000K | 0.985 |
| 3500K | 1.000 |
| 4000K | 1.032 |

### Lumen Adjustment Factors - 90 CRI

|       |       |
|-------|-------|
| 3000K | 0.746 |
| 3500K | 0.760 |
| 4000K | 0.789 |

Apply a lumen adjustment factor to calculate lumens for the desired CCT and CRI.

### SAMPLE LUMEN ADJUSTMENT CALCULATION

High Output (H) / Standard Output (S),  
4000K, 80CRI

Lumen Adjustment Factor = 0.789

Total Light Output =  
4992 lm x 0.789 = 3939 lm

Total Light Output per Foot =  
1248 lm/ft x 0.789 = 985 lm/ft

watts/foot = 10.7 W/ft

$$\text{Efficacy} = \frac{985 \frac{\text{lm}}{\text{ft}}}{10.7 \frac{\text{W}}{\text{ft}}} = 92 \text{ lm/W}$$



# FINELITE

## High Performance 4" Aperture (HP-4) - Indirect/Direct

### PHOTOMETRY

**UPLIGHT:** TOP GLOW DIFFUSER

**DOWNLIGHT:** WHITE CROSS BLADE BAFFLE

HP-4-ID-V-V-835-TG-RG-WCB

Very High Output / Very High Output - 4' Luminaire

Distribution: 58% Up (V) / 42% Down (V)

Efficacy: 97 lumens per watt

Uplight: 4180 lumens (1045 lumens/foot)

Downlight: 3001 lumens (750 lumens/foot)

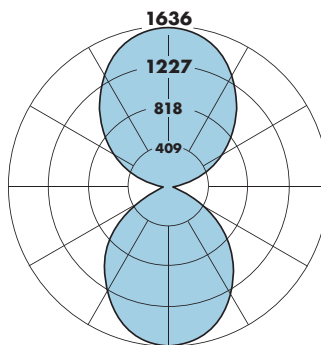
Total luminaire output: 7181 lumens (1795 lumens/foot)

74.1 watts (18.5 watts/foot)

CRI: 80

CCT: 3500K

ITL LM79 Report 90672



| CANDELA DISTRIBUTION |      |      |      |      |      |      |
|----------------------|------|------|------|------|------|------|
|                      | 0.0  | 22.5 | 45.0 | 67.5 | 90.0 | Flux |
| 0                    | 1636 | 1636 | 1636 | 1636 | 1636 |      |
| 5                    | 1597 | 1601 | 1611 | 1623 | 1627 | 152  |
| 15                   | 1385 | 1397 | 1449 | 1505 | 1533 | 408  |
| 25                   | 1102 | 1121 | 1193 | 1286 | 1347 | 554  |
| 35                   | 796  | 822  | 911  | 1028 | 1116 | 580  |
| 45                   | 491  | 526  | 632  | 765  | 868  | 504  |
| 55                   | 332  | 339  | 380  | 514  | 611  | 383  |
| 65                   | 210  | 214  | 232  | 290  | 356  | 253  |
| 75                   | 111  | 112  | 118  | 131  | 150  | 131  |
| 85                   | 30   | 30   | 30   | 31   | 34   | 35   |
| 90                   | 0    | 0    | 0    | 0    | 0    |      |
| 95                   | 71   | 72   | 76   | 81   | 82   | 86   |
| 105                  | 257  | 261  | 266  | 270  | 269  | 281  |
| 115                  | 485  | 483  | 485  | 490  | 486  | 482  |
| 125                  | 723  | 726  | 726  | 720  | 717  | 646  |
| 135                  | 963  | 958  | 961  | 958  | 951  | 739  |
| 145                  | 1189 | 1177 | 1185 | 1179 | 1172 | 738  |
| 155                  | 1377 | 1367 | 1374 | 1368 | 1363 | 631  |
| 165                  | 1517 | 1510 | 1514 | 1511 | 1510 | 426  |
| 175                  | 1590 | 1590 | 1590 | 1589 | 1590 | 151  |
| 180                  | 1600 | 1600 | 1600 | 1600 | 1600 |      |

↑ Indirect    ↓ Direct

| Total Light Output, 3500K, 80 CRI (Lumens) - 4' Luminaire |                    |                    |                    |                    |
|-----------------------------------------------------------|--------------------|--------------------|--------------------|--------------------|
|                                                           | ↑S*                | ↑B*                | ↑H*                | ↑V**               |
| ↓S*                                                       | 2940 [↑58%   42%↓] | 3380 [↑64%   36%↓] | 4480 [↑73%   27%↓] | 5408 [↑77%   23%↓] |
| ↓B*                                                       | 3255 [↑53%   47%↓] | 3695 [↑58%   42%↓] | 4795 [↑65%   35%↓] | 5724 [↑73%   27%↓] |
| ↓H*                                                       | 4045 [↑42%   58%↓] | 4485 [↑48%   52%↓] | 5585 [↑58%   42%↓] | 6514 [↑64%   36%↓] |
| ↓V*                                                       | 4712 [↑36%   64%↓] | 5152 [↑42%   58%↓] | 6252 [↑52%   48%↓] | 7181 [↑58%   42%↓] |

| Light Output, 3500K, 80 CRI (Lumens Per Foot) |      |      |      |      |
|-----------------------------------------------|------|------|------|------|
|                                               | ↑S*  | ↑B*  | ↑H*  | ↑V** |
| ↓S*                                           | 735  | 845  | 1120 | 1352 |
| ↓B*                                           | 814  | 924  | 1199 | 1431 |
| ↓H*                                           | 1011 | 1121 | 1396 | 1629 |
| ↓V*                                           | 1178 | 1288 | 1563 | 1795 |

| Power, 3500K, 80 CRI (Watts Per Foot) |      |      |      |      |
|---------------------------------------|------|------|------|------|
|                                       | ↑S*  | ↑B*  | ↑H*  | ↑V** |
| ↓S*                                   | 7.3  | 8.2  | 10.7 | 12.9 |
| ↓B*                                   | 8.2  | 9.2  | 11.7 | 13.9 |
| ↓H*                                   | 10.7 | 11.7 | 14.2 | 16.4 |
| ↓V*                                   | 12.9 | 13.9 | 16.4 | 18.5 |

| Efficacy, 3500K, 80 CRI (Lumens Per Watt) |     |     |     |      |
|-------------------------------------------|-----|-----|-----|------|
|                                           | ↑S* | ↑B* | ↑H* | ↑V** |
| ↓S*                                       | 101 | 103 | 104 | 105  |
| ↓B*                                       | 99  | 100 | 102 | 103  |
| ↓H*                                       | 94  | 96  | 98  | 99   |
| ↓V*                                       | 91  | 93  | 95  | 97   |

**S - Standard Output, B - Boosted Standard Output, H - High Output, V - Very High Output**

\* Family Correlation based on 4' luminaire 3500K Very High Output (V) test - 120V

\*\* Based on ITL report: 90672

Protected by one or more US Patents: 8915613; D702,391; D702,390; D700,732

### Lumen Adjustment Factors - 80 CRI

|       |       |
|-------|-------|
| 3000K | 0.985 |
| 3500K | 1.000 |
| 4000K | 1.032 |

### Lumen Adjustment Factors - 90 CRI

|       |       |
|-------|-------|
| 3000K | 0.746 |
| 3500K | 0.760 |
| 4000K | 0.789 |

Apply a lumen adjustment factor to calculate lumens for the desired CCT and CRI.

### SAMPLE LUMEN ADJUSTMENT CALCULATION

High Output (H) / Standard Output (S),  
4000K, 90 CRI

Lumen Adjustment Factor = 0.789

Total Light Output =  
4480 lm x 0.789 = 3535 lm

Total Light Output per Foot =  
1120 lm/ft x 0.789 = 884 lm/ft

watts/foot = 10.7 W/ft

$$\text{Efficacy} = \frac{884 \frac{\text{lm}}{\text{ft}}}{10.7 \frac{\text{W}}{\text{ft}}} = 83 \text{ lm/W}$$

A brand of legrand

Finelite, Inc. • 30500 Whipple Road • Union City, CA 94587-1530 • (510) 441-1100 • Fax: (510) 441-1510 • www.finelite.com

Due to continuing product improvements, Finelite reserves the right to change specifications without notice. Please visit www.finelite.com for most current data.

Page 9



# FINELITE

## High Performance 4" Aperture (HP-4) - Indirect/Direct

### SPECIFICATIONS

**CONSTRUCTION:** Precision-cut 6061-T6 extruded aluminum body. Internal joiner system, plug-together wiring, standard.

**ENDCAPS:** Flat endcaps at each end of run add 1/4" to overall length. Drop Down Lens Illuminated Endcap (**DE**) includes diffuse element to continue luminance of drop lens. It is made of the same material as the drop diffuser. Open Endcap (**OE**) is for use with the Hollowed Ellipse Louver (**LHE**); following the curve of the louver.

**MITERED CORNERS<sup>1</sup>:** Illuminated 90° corners in a single plane, available with Top Glow™, Flush uplight diffuser, and/or Flush downlight diffuser, Bottom Glow Diffuser, 1" Drop Down Lens, Regressed Diffuser, or White Cross Blade Baffle. Contact factory for custom angles. 90 degree corners not available with Hollowed Ellipse Louver (**LHE**) or Hex Louver (**LHC**).

**REFLECTORS:** Die-formed 20-gauge cold-rolled steel reflectors finished in 96LG High Reflectance white power coat paint.

**UPLIGHT OPTION:** Patented Top Glow frost white diffuser standard. 12 ft. maximum diffuser length. 73% transmissive, 99% diffusion. Internal secondary diffusers at corners ensure visually seamless, uniform, continuous illumination. Optional: Flush frost white snap-in diffuser, 73% transmissive, 99% diffusion; Widespread Optic (**WSO**) and Widespread Optic with Top Glow (**WSOTG**); WSO enables increased luminaire spacing with improved ceiling uniformity. Asymmetric optic directs light in a specific direction. **ASY-L** distributes light to the left, **ASY-R** distributes light to the right of the luminaire. See page 3.

**DOWNLIGHT OPTION:** 12' maximum diffuser length. Flush frost white snap-in diffuser standard, 73% transmissive, 99% diffusion. Internal secondary diffusers at corners ensure visually seamless, uniform, continuous illumination. Available with Flush (**F**) Bottom Glow (**BG**), 1" Drop Down Lens (**DL**), White Cross Blade Baffle (**WCB**), Hollowed Ellipse Louver (**LHE**), Hex Louver (**LHC**), and Regressed downlight diffusers (**RG**). 1" Drop Down Lens made of highly efficient acrylic. Available with a solid endcap or an endcap with a diffuse filler to continue the luminous aesthetic.

**LIGHT OUTPUT:** Four lumen packages available; Standard (**S**), Boosted Standard (**B**), High (**H**), and Very High (**V**). A separate chart summarizes lumen distribution and wattage. Light engines are replaceable.

**LUMEN MAINTENANCE:** 90% of initial light output (L90) at 100,000+ hours; 70% of initial light output (L70) at 200,000+ hours.

**DRIVER:** Replaceable 120V/277V and 347V Constant Current Reduction dimming driver standard. Can be wired dimming or non-dimming. 0-10V dimming controls with a range of 10%- 100%. Dimming to 1% available; consult factory. Separate dimming for uplight and downlight available. Driver is fully accessible from below the ceiling. Power Factor: ≥ 0.9. Total Harmonic Distortion (THD): <20%. Expected driver lifetime: 100,000 hours. Dali driver also available; Contact factory.

**LUTRON DRIVER OPTIONS:** **LUTES1** (Hi-lume 1% EcoSystem with Soft-On, Fade to Black dimming (LDE1 series)); **LUTES5** (5-Series 5% EcoSystem (LDE5 Series)), **LUT2W** (Hi-lume 1% 2-wire, 120V forward phase dimming (LTEA series)); Contact factory for availability of discontinued Lutron drivers, L3DA-3-wire and L3DA EcoSystem.

**ELECTRICAL:** Optional emergency to generator/inverter wiring, internal generator transfer switch, nightlight wiring, step-dimming driver, backup battery. Factory-choice low-profile backup battery available. 8' minimum luminaire length for low profile battery pack. Bodine BSL722 battery pack also available; 4' minimum luminaire length. Backup batteries deliver 1854 lumens. Half of a 4' section (downlight only) will be illuminated in emergency mode.

**INTEGRATED SENSORS:** Integrated PIR (Passive Infrared) occupancy or daylight sensors available with Flush, Bottom Glow, White Cross Blade Baffle, and Regressed downlight diffusers. Refer to Occupancy Sensor and Daylight Sensor tech sheets for more info.

**MOUNTING:** 50" Fully Adjustable (**FA**) plated steel aircraft cable with safety stop hardware standard. Contact factory for additional lengths up to 150".

**FINISHES:** Finelite Signal White powder coat standard. Optional Adders: 185 RAL colors.

**FEED:** Standard with one 18-gauge/5-conductor single-circuit feed controlling uplight and downlight together (power and dimming). Specify dual feeds for independent control of uplight and downlight. 14-gauge feed used when luminaire current exceeds 5 amps.

**LENGTHS:** Any length, 2-foot minimum, in increments down to 1/16th-inch (±1/32"). 12-foot maximum section length. Hollowed Ellipse Louver (**LHE**), Hex Louver (**LHC**), and White Cross Blade Baffle (**WCB**) are available in 1' increments.

**LABELS:** Fixture and electrical components are ETL-listed conforming to UL 1598 in the U.S.A. and CAN/CSA C22.2 No. 250.0 in Canada. In accordance with NEC Code 410.130 (G), this luminaire contains an internal driver disconnect. Damp Location. Finelite products use electronic components that are RoHS compliant, and the mechanical components of the luminaire have been verified to not knowingly contain any restricted substances listed per RoHS Directive 2011/65/EU.

**WEIGHT:** 3.4 lb/ft.

**DLC QUALIFIED:** Configurations of this product are listed on the DLC Qualified Products List (QPL). Contact factory for Regressed luminaire qualification. [www.designlights.org/search](http://www.designlights.org/search)

**WARRANTY:** 10-year performance-based warranty on all standard components. Optional accessories such as emergency battery packs are covered by their individual manufacturer warranties.

<sup>1</sup> White Cross Blade Baffle (WCB) is not available with custom angles. Available in 90 degrees only