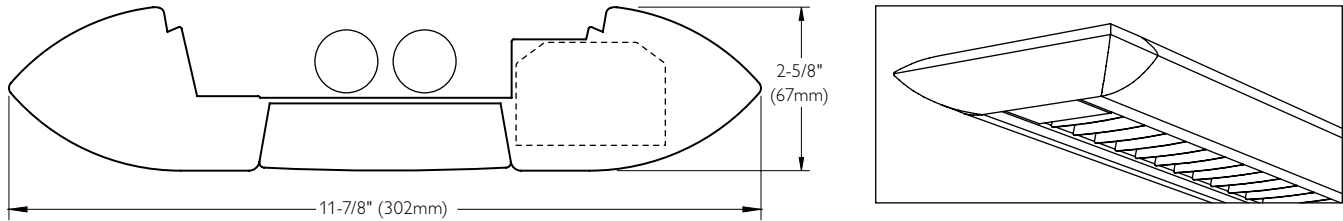


LyteSpread Elliptical

Lighting Systems, T8, LE16T02WN

Page 1 of 2



Ordering Information

| Style | Lamps | Lower Optics | Upper Optics | Length | Wiring | Voltage | Ballast | Color & Finish |
|-----------------|---------------------|-------------------------------|--|---|--|--|-----------------------------|----------------------------------|
| LE16 | T02 | W | | | | | E | W |
| Direct-Indirect | | | | | | | | |
| | T02 = 2-Lamp | W = White Louver (15*) | N = None D = 60% Down Kit G = 80% Down Kit J = 100% Down Kit U = 80% Up Kit | Enter the total run length in feet (4ft increments) | 1 = 1 circuit 2 = 2 circuit 3 = 1 circuit w/ Emergency circuit 4 = 2 circuit w/ Emergency circuit 5 = 1 circuit w/ Battery Pack 6 = 2 circuit w/ Battery Pack 7 = 1 circuit Dimming | D = Dual 120v/277v 1 = 120v** 2 = 277v** 3 = 347v** | E = Standard Ballast | W = High Reflective White |

* Number of louver cells per 4ft section

** Dimming and Battery Pack fixtures must be voltage specific.

Housing

6063 T5 extruded aluminum. Fixture weighs 3.8 lb/ft. Aluminum die-cast endcaps, baked powder coat finish for color. Self-aligning joining system.

Optical System

Constructed of 96% reflective white steel to produce a direct/indirect distribution. White louver blades are spaced 1.3" apart and are 1.1" deep (34 cells per 4ft section). Optional field-installable Variable Optics kits provide additional up or downlight as required.

Mounting

Fixed position mounts supplied standard at ends. Variable position mounts supplied standard at joints. Variable position mounts can be located on 8ft or 12ft modules within 12" of joint or end. Aircraft cable gripper is tamper-resistant and provides infinite vertical adjustment capability. Aircraft cable, crimp and cable gripper independently tested to meet stringent safety requirements.

Electrical

Factory pre-wired to section ends with quick-wire connectors. Ballast is electronic.

Approvals

Certified to UL and CSA standards.

Finish

High-quality powder coat. Available in white textured matte finish and a selection of other factory and customer specified colors. Consult factory for details.

| Job Information | Type: |
|-----------------|-------|
| Job Name: | |
| Cat. No.: | |
| Notes: | |

PHILIPS
LIGHTOLIER

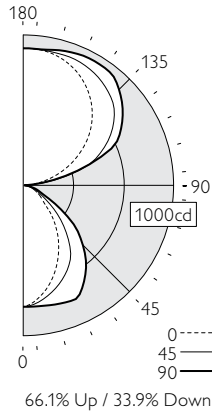
LyteSpread Elliptical

Lighting Systems, T8, LE16T02WN

Page 2 of 2

Photometry Optics WN White Louver

Candela Curve



Report # 2101259
 Filename 7216T02WN.ies
 Efficiency 87.2%
 Peak Candela Value* 948 @ 148°
 Peak to Zenith Ratio* 1 : 1
 * Between 90-180° vertical angle
 Meets RP-1-04 recommendations for
 VDT-Intensive spaces

Candela Distribution

| Vertical Angle | 0 | 22.5 | 45 | 67.5 | 90 | Zonal Lumens |
|----------------|-----|------|-----|------|-----|--------------|
| 0 | 803 | 803 | 803 | 803 | 803 | |
| 5 | 776 | 777 | 791 | 800 | 805 | 76 |
| 15 | 676 | 684 | 732 | 785 | 816 | 207 |
| 25 | 544 | 565 | 655 | 758 | 829 | 305 |
| 35 | 400 | 428 | 551 | 626 | 720 | 337 |
| 45 | 254 | 278 | 381 | 460 | 562 | 294 |
| 55 | 149 | 155 | 218 | 282 | 360 | 204 |
| 65 | 94 | 98 | 117 | 127 | 154 | 118 |
| 75 | 51 | 54 | 61 | 60 | 81 | 64 |
| 85 | 17 | 15 | 20 | 19 | 21 | 21 |
| 90 | 5 | 6 | 8 | 7 | 8 | |
| 95 | 53 | 78 | 79 | 45 | 62 | 87 |
| 105 | 195 | 304 | 389 | 363 | 374 | 352 |
| 115 | 361 | 474 | 596 | 657 | 689 | 552 |
| 125 | 517 | 601 | 736 | 790 | 808 | 623 |
| 135 | 649 | 704 | 824 | 889 | 900 | 616 |
| 145 | 755 | 786 | 871 | 932 | 947 | 539 |
| 155 | 834 | 846 | 898 | 936 | 946 | 411 |
| 165 | 884 | 886 | 902 | 922 | 925 | 256 |
| 175 | 905 | 905 | 906 | 906 | 906 | 88 |
| 180 | 906 | 906 | 906 | 906 | 906 | |

Coefficients of Utilization (%)

| Ceiling: | 80 | | | | 70 | | | 50 | | | 0 |
|----------|----|----|----|----|----|----|----|----|----|----|----|
| Wall: | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 50 | 30 | 10 | 0 |
| 0 RCR | 89 | 89 | 89 | 89 | 80 | 80 | 80 | 63 | 63 | 63 | 27 |
| 1 | 82 | 78 | 75 | 72 | 73 | 70 | 68 | 56 | 54 | 53 | 24 |
| 2 | 75 | 69 | 64 | 59 | 67 | 62 | 58 | 49 | 47 | 44 | 20 |
| 3 | 68 | 61 | 55 | 50 | 61 | 55 | 50 | 44 | 40 | 37 | 18 |
| 4 | 63 | 54 | 47 | 42 | 56 | 49 | 43 | 39 | 35 | 32 | 15 |
| 5 | 57 | 48 | 41 | 36 | 52 | 43 | 38 | 35 | 31 | 28 | 14 |
| 6 | 53 | 43 | 36 | 31 | 47 | 39 | 33 | 32 | 27 | 24 | 12 |
| 7 | 49 | 39 | 32 | 28 | 44 | 35 | 30 | 29 | 24 | 21 | 11 |
| 8 | 45 | 35 | 29 | 24 | 41 | 32 | 26 | 26 | 22 | 19 | 10 |
| 9 | 42 | 32 | 26 | 22 | 38 | 29 | 24 | 24 | 20 | 17 | 9 |
| 10 | 39 | 29 | 23 | 19 | 35 | 27 | 21 | 22 | 18 | 15 | 8 |

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

| Vertical Angle | 0 | 45 | 90 |
|----------------|------|------|------|
| 55 | 2118 | 3098 | 5116 |
| 65 | 1813 | 2257 | 2970 |
| 75 | 1606 | 1921 | 2551 |
| 85 | 1590 | 1871 | 1964 |

Upgrades & Accessories

Please indicate with check mark

| | | |
|---|--|--|
| <input type="checkbox"/> Lamps Included | <input type="checkbox"/> Lamp Guard | |
| <input type="checkbox"/> Lamps Included and Installed | Not available with upper optics option U | |
| <input type="checkbox"/> Daylight Harvesting System | <input type="checkbox"/> Dust Cover | |

Mounting Hardware

| | |
|--|--|
| <input type="checkbox"/> | <input type="checkbox"/> |
| Mount Type | Suspension Length |
| Consult separate mounting spec sheet for mount type options. | Enter distance from ceiling to top of fixture in inches. |

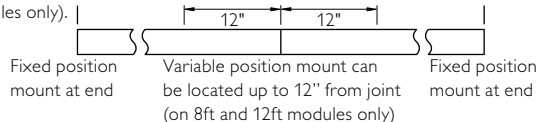
Modules

Module length excludes endcaps. Nominal mount spacing for individually mounted modules with fixed position mounts.

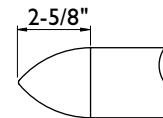
| Module | Mount Spacing |
|--------|---------------|
| 4ft | 4' 0" |
| 8ft | 8' 0" |
| 12ft | 12' 0" |

Mounting in Runs

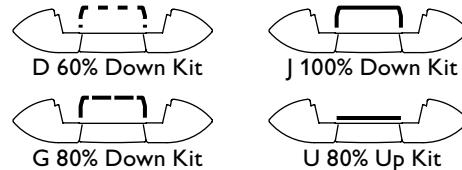
Fixed position mounts supplied standard at ends. Variable position mounts supplied standard at joints. Variable position mounts cannot be located on 4ft modules. Optional variable position mounts at ends available upon request (8ft and 12ft modules only).



Endcap



Upper Optics



Philips Lightolier
 e: lol.webmaster@philips.com
 t: (508) 679-8131
 w: www.lightolier.com

LE16T02WN June 9, 2011

Specifications are subject to change without notice.
 © Koninklijke Philips Electronics N.V., 2011. All rights reserved.

Job Information Type: