

Verge™



Project Name

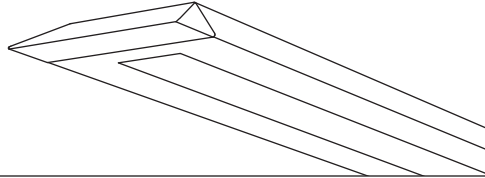
Spec Type

Notes

Suspended

Direct/Indirect

2 T8



Order Guide


Some combinations of product options may not be available. Consult factory for assistance with your specification.

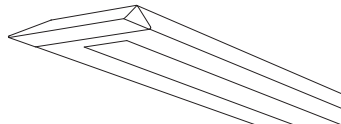
| | | | | | | | | |
|--|------------------------|--|---|---|---|--|---|---|
| 7606 | T02 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Product Series & Type Verge Direct/Indirect | Lamping 2 T8 | Lower Optics Q MesoOptics® Lens | Upper Optics N None G 80% Down Kit J 100% Down Kit | Run Length <i>Enter the total run length in feet (4ft increments)</i> | Wiring 1 1 cct 2 2 cct 3 1 cct w/ Emergency cct 4 2 cct w/ Emergency cct 5 1 cct w/ Battery Pack 6 2 cct w/ Battery Pack | Voltage 1 120V 2 277V | Ballast E Standard Ballast Consult website for ballast manufacturer information | Color & Finish W Standard White C Factory Color X Custom Color Consult website for color and finish options |
| Mounting Hardware | | | | | | | | |
| <input type="text"/> | | | | | | | | |
| Mount Type Consult separate mounting spec sheet for mount type options | | | | | | Suspension Length <i>Enter distance from ceiling to top of fixture in inches</i> | | |

Upgrades & Accessories

Please indicate with check mark.

| | |
|---|-------------------------------------|
| <input type="checkbox"/> Lamps Included | <input type="checkbox"/> Dust Cover |
|---|-------------------------------------|



Photometry Optics QJ MesoOptics® Lens w/ 100% Down Kit

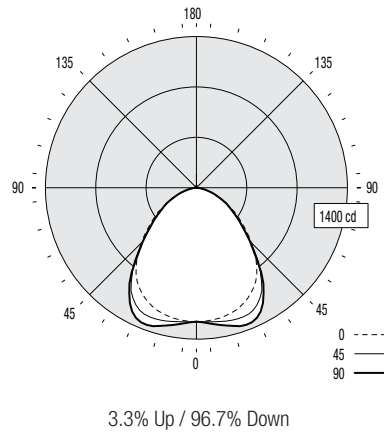
Report Summary

| | | | |
|-------------------|---------------|----------------------------------|-----|
| Report # | 9901149 | Peak Candela Value* | N/A |
| Filename | 7606T02QJ.ies | Peak to Zenith Ratio* | N/A |
| Efficiency | 53.1% | * Between 90-180° vertical angle | |

Meets RP-1-04 recommendations for VDT-Normal spaces

Candela Distribution

| Vertical Angle | Horizontal Angle | | | | | Zonal Lumens |
|----------------|------------------|------|------|------|------|--------------|
| | 0 | 22.5 | 45 | 67.5 | 90 | |
| 0 | 1240 | 1240 | 1240 | 1240 | 1240 | |
| 5 | 1236 | 1240 | 1247 | 1251 | 1259 | 122 |
| 15 | 1206 | 1227 | 1270 | 1308 | 1324 | 360 |
| 25 | 1127 | 1179 | 1250 | 1319 | 1328 | 570 |
| 35 | 976 | 1022 | 1051 | 1104 | 1083 | 652 |
| 45 | 724 | 749 | 708 | 734 | 702 | 561 |
| 55 | 475 | 473 | 439 | 456 | 441 | 411 |
| 65 | 267 | 280 | 255 | 272 | 262 | 267 |
| 75 | 115 | 120 | 112 | 125 | 110 | 125 |
| 85 | 12 | 20 | 20 | 24 | 22 | 25 |
| 90 | 0 | 0 | 0 | 0 | 0 | |
| 95 | 2 | 4 | 5 | 6 | 5 | 4 |
| 105 | 5 | 5 | 5 | 5 | 5 | 4 |
| 115 | 6 | 6 | 6 | 6 | 6 | 6 |
| 125 | 6 | 7 | 8 | 7 | 7 | 8 |
| 135 | 6 | 9 | 9 | 9 | 9 | 8 |
| 145 | 7 | 10 | 10 | 10 | 10 | 7 |
| 155 | 8 | 9 | 12 | 12 | 13 | 4 |
| 165 | 8 | 8 | 10 | 14 | 14 | 4 |
| 175 | 8 | 8 | 8 | 8 | 8 | 0 |
| 180 | 8 | 8 | 8 | 8 | 8 | |



Coefficients of Utilization (%)

| Ceiling Walk: | 80 | | | | 70 | | | | 50 | | | | 0 |
|---------------|----|----|----|----|----|----|----|----|----|----|----|---|---|
| | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 50 | 30 | 10 | 0 | 0 | |
| 0 RCR | 63 | 63 | 63 | 63 | 61 | 61 | 61 | 58 | 58 | 58 | 52 | | |
| 1 | 58 | 56 | 54 | 52 | 57 | 55 | 53 | 52 | 51 | 49 | 45 | | |
| 2 | 53 | 49 | 46 | 43 | 52 | 48 | 45 | 46 | 44 | 42 | 39 | | |
| 3 | 49 | 44 | 40 | 37 | 48 | 43 | 39 | 41 | 38 | 36 | 33 | | |
| 4 | 45 | 39 | 35 | 32 | 44 | 39 | 35 | 37 | 34 | 31 | 29 | | |
| 5 | 42 | 35 | 31 | 28 | 41 | 35 | 31 | 34 | 30 | 27 | 25 | | |
| 6 | 39 | 32 | 28 | 24 | 38 | 31 | 27 | 30 | 27 | 24 | 22 | | |
| 7 | 36 | 29 | 25 | 22 | 35 | 29 | 25 | 28 | 24 | 21 | 20 | | |
| 8 | 33 | 27 | 22 | 19 | 33 | 26 | 22 | 26 | 22 | 19 | 18 | | |
| 9 | 31 | 24 | 20 | 18 | 31 | 24 | 20 | 24 | 20 | 17 | 16 | | |
| 10 | 29 | 23 | 19 | 16 | 29 | 22 | 18 | 22 | 18 | 16 | 15 | | |

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

| Vertical Angle | Horizontal Angle | | |
|----------------|------------------|------|------|
| | 0 | 45 | 90 |
| 55 | 7682 | 7099 | 7132 |
| 65 | 5860 | 5597 | 5751 |
| 75 | 4122 | 4014 | 3942 |
| 85 | 1277 | 2129 | 2341 |

IES files for this and other photometric options can be downloaded online at www.ledalite.com

Additional Information

Modules

Module length excludes endcaps.
Nominal mount spacing for individually mounted modules.

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

* Refer to installation instructions for exact mount spacing

Endcap



Upper Optics

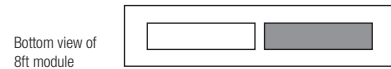
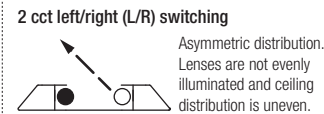
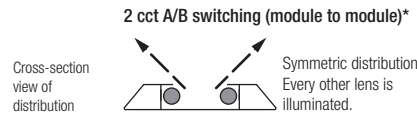


G 80% Down Kit



J 100% Down Kit

Switching Options



* consult factory for ordering information

Specifications

Due to continuing product improvements, Ledalite reserves the right to change specifications without notice.

Housing

Die-formed 18 gauge cold-rolled steel.

Weight

3.5 lb/ft.

Optical System

High efficiency optical system providing an optimal direct/indirect distribution. Lower optics consist of a flat acrylic panel with a layer of MesoOptics® film that provides a controlled distribution in the lower hemisphere.

T5/T5HO upper optics include high performance Miro IV® specular reflectors that provide a wide-spread batwing to evenly illuminate the ceiling (T8 upper optics are painted high reflective white).

Standard distribution is 70% up / 30% down. Optional field-installable variable optics kits provide additional downlight as required.

Endcaps

Die-cast endcaps.

Joints

Self-aligning joining system with hands-free pre-joining wire access.

Mounting

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

Electronic. Supplied with pre-installed ballast disconnects as per changes to the National Electrical Code.

Approvals

Certified to UL and CSA standards.

Finish

High-quality powder coat. Available in Ledalite Standard White (textured matte finish), and a selection of other factory and customer-specified colors. Consult factory for details.