



by Signify

Architectural Linear

Recessed, Cove, Perimeter

Product Selection Guide

Placing emphasis where it belongs... set the mood or make a statement. The TruGroove family of recessed, perimeter ambient, graze and cove delivers your message with the language of light.

| Reference | |
|-----------|----------------------|
| ★ ★ ★ | High applicability |
| ★ ★ | Medium applicability |
| ★ | Low applicability |
| - | Non-applicable |



| | | Better | Better | Best | Best | Best | Best | Best |
|--------------------------------------|---|---|---|---|---|---|---|--|
| | Model | TruGroove recessed (definition 3") | TruGroove recessed micro (definition 1.75") | TruGroove recessed (performance 3") | TruGroove recessed micro (performance 1.75") | TruGroove perimeter ambient | TruGroove perimeter graze | TruGroove cove |
| Applications | Education | ★ ★ ★ | ★ ★ ★ | ★ ★ ★ | ★ ★ ★ | ★ ★ ★ | ★ ★ ★ | ★ ★ ★ |
| | Office | ★ ★ ★ | ★ ★ ★ | ★ ★ ★ | ★ ★ ★ | ★ ★ ★ | ★ ★ ★ | ★ ★ ★ |
| | Healthcare | ★ ★ ★ | ★ ★ ★ | ★ ★ ★ | ★ ★ ★ | ★ ★ ★ | ★ ★ ★ | ★ ★ ★ |
| | Fashion and Retail | ★ ★ ★ | ★ ★ ★ | ★ ★ ★ | ★ ★ ★ | ★ ★ ★ | ★ ★ ★ | ★ ★ ★ |
| | Design ready, 10 Day QuickShip | Design ready - QuickShip Guide | Design ready - QuickShip Guide | Design ready - QuickShip Guide | Design ready - QuickShip Guide | Design ready - QuickShip Guide | Design ready - QuickShip Guide | Design ready - QuickShip Guide |
| | Standalone Sizes* | 2', 3', 4', 5', 6', 8' | 2', 3', 4', 5', 6', 8' | 2', 3', 4', 5', 6', 8' | 2', 3', 4', 5', 6', 8' | 2', 2 1/2', 3', 3 1/2', 4', 5', 6', 8' | 2', 2 1/2', 3', 3 1/2', 4', 5', 6', 8' | 2', 2 1/2', 3', 3 1/2', 4', 5', 6', 8' |
| | Continuous Run Increments | 1/8" | 1/8" | 1/8" | 1/8" | 6" | 6" | 6" |
| Standard Features and Specifications | Watts (Max/4ft) | 41.1 | 33.1 | 41.1 | 33.1 | 37.2 | 37.2 | 53.9 |
| | lm/W (Max/4ft) | 109.1 | 97.1 | 105.7 | 97.1 | 119.9 | 117.7 | 129.1 |
| | Lumens (Max/4ft)* | 4289 | 3119 | 4154 | 3119 | 4221 | 4146 | 6210 |
| | Lumen Maintenance L ₈₀ (10k) > 60,000h | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Optics | Definition Symmetric | Definition Symmetric | Performance Symmetric & Asymmetric | Performance Symmetric & Asymmetric | Ambient (Glow on wall & fill light in the space) | Graze (Focused tight linear beam) | Asymmetric throw |
| | Lens | Fully luminous Silk lens | Fully luminous Silk lens | Fully luminous MesoOptics lens | Fully luminous MesoOptics lens | Flush MesoOptics lens | Reverse Parabolic Optic with flush lens | Focus Optics & Fill Optics |
| | Spacing ratio | 1.22/1.24 | 1.20/1.22 | 1.14/1.64 | 1.12/1.69 | - | - | - |
| | CCT | Static: 2700, 3000, 3500, 4000, 5000K Tunable White: 2700-6500K BioUp: 2700-5000K | Static: 2700, 3000, 3500, 4000, 5000K Tunable White: 2700-6500K BioUp: 2700-5000K | Static: 2700, 3000, 3500, 4000, 5000K Tunable White: 2700-6500K BioUp: 2700-5000K | Static: 2700, 3000, 3500, 4000, 5000K Tunable White: 2700-6500K BioUp: 2700-5000K | Static: 2700, 3000, 3500, 4000, 5000K Tunable White: 2700-6500K BioUp: 2700-5000K | Static: 2700, 3000, 3500, 4000, 5000K Tunable White: 2700-6500K BioUp: 2700-5000K | Static: 2700, 3000, 3500, 4000, 5000K Tunable White: 2700-6500K BioUp: 2700-5000K |
| | CRI | Static: ≥90 (AccuRender) Tunable White: ≥80 | Static: ≥90 (AccuRender) Tunable White: ≥80 | Static: ≥90 (AccuRender) Tunable White: ≥80 | Static: ≥90 (AccuRender) Tunable White: ≥80 | Static: ≥90 (AccuRender) Tunable White: ≥80 | Static: ≥90 (AccuRender) Tunable White: ≥80 | Static: ≥90 (AccuRender) Tunable White: ≥80 |
| | MDER: 0.97 w/BioUp @5000K 0.83 w/AccuRender @5000K | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Mounting Types | Ceiling and wall recessed rows and patterns | Ceiling recessed rows and patterns | Ceiling and wall recessed rows and patterns | Ceiling recessed rows and patterns | Regressed into ceiling troughs along walls | Regressed into ceiling troughs along walls | Mount horizontally or vertically in coves |
| | Related families: TruGroove suspended, surface, wall, shapes | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Ceiling types | Drywall, T-Grid (NEMA types G, NFG, NFSG, SS), Armstrong TechZone 4" and Formations clouds | Drywall & T-Grid (NEMA types G, NFG, NFSG, SS) | Drywall, T-Grid (NEMA types G, NFG, NFSG, SS), Armstrong TechZone 4" and Formations clouds | Drywall & T-Grid (NEMA types G, NFG, NFSG, SS) | Wall Slot | Wall Slot | Cove, flat low ceiling, flat medium ceiling, flat high ceiling, sloped, vaulted or floating ceilings |
| | Recessed Depth | 4.88" MAX | 3.75" MAX | 4.88" MAX | 3.75" MAX | 5" or 7.25" | 5" or 7.25" | 1 7/8" or 2 3/16" |
| | Patterns available in ceiling and wall planes | ✓ | Ceiling Plane only | ✓ | Ceiling Plane only | Ceiling Plane corners, variable, and fixed end plates | Ceiling plane corners, variable, and fixed end plates | - |
| Finish: standard and custom colors | ✓ | ✓ | ✓ | ✓ | - | - | - | |
| Optional 6' Flex whip available | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Emergency | Available with factory installed UL924 certified Emergency circuit, Battery pack, Generator transfer device or Sensor bypass relay with power sensing or power interrupt detection. | Available with factory installed UL924 certified Emergency circuit, Battery pack, Generator transfer device or Sensor bypass relay with power sensing or power interrupt detection. | Available with factory installed UL924 certified Emergency circuit, Battery pack, Generator transfer device or Sensor bypass relay with power sensing or power interrupt detection. | Available with factory installed UL924 certified Emergency circuit, Battery pack, Generator transfer device or Sensor bypass relay with power sensing or power interrupt detection. | Available with factory installed UL924 certified Emergency circuit, Battery pack, Generator transfer device or Sensor bypass relay with power sensing or power interrupt detection. | Available with factory installed UL924 certified Emergency circuit, Battery pack, Generator transfer device or Sensor bypass relay with power sensing or power interrupt detection. | Available with factory installed UL924 certified Emergency circuit, Battery pack, Generator transfer device or Sensor bypass relay with power sensing or power interrupt detection. | |
| UL Dry & Damp location rating | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Drivers* | Advance Xitanium 0-10V (1% Dim) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Advance Xitanium DALI (5% Dim) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Lutron EcoSystem LDE1 (<1% Dim, Fade-to-Black) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Advance Sensor Ready (1% Dim) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | PoE | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - |
| Systems/Controls* | Sensor location | Integral or remote | Integral or remote | Integral or remote | Integral or remote | - | - | - |
| | Interact Pro Wireless Radio (RA) | - | - | - | - | ✓ | ✓ | ✓ |
| | Interact Pro Foundation/Advanced Wireless (CS) | ✓ | ✓ | ✓ | ✓ | - | - | - |
| | Interact Pro Enterprise Wireless Sensor Bundle (SB) | ✓ | ✓ | ✓ | ✓ | - | - | - |
| | Interact Office Wired (IO) | ✓ | ✓ | ✓ | ✓ | - | - | - |
| | Interact Office Advanced Wired Sensor Bundle (SB) | ✓ | ✓ | ✓ | ✓ | - | - | - |
| DLC | - | - | - | - | - | - | - | |
| 5-year warranty | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| | Spec Sheet | | | | | | | |

*Custom options available on request, please enquire with Ledalite.