ACCESSORIES
1. TROV Fine Adjustment bracket (MNT-L-FAB)
   TROV Asymmetric Louver (LV-L50-ASYM)
2. Rise F080 Ground Stake (F080-LS-1S-STK-12)
   Rise F080 Half Snoot (F080-H-X)
3. Rise Canopy Plate (Rise-Canopy-04-X)
ARCHITECTURAL FEATURES. Illuminating columns and features adds unique prominence to a building. Grazing columns with a narrow beam achieves uniformity and a powerful effect. Architectural pediment scenes benefit most with wide angle flood lighting that washes the scene with minimal shadowing and contrast.

**1 PEDIMENT**
- Product: TROV L50 30K
- Lumens: 102 Lms / LF
- Set Back: 12” / 300mm
- Beam Angle: 9x29 Degree
- Aiming Angle: 0 Degree
- Average on Target: 2fc/22 1x

**2 COLUMNS**
- Product: RISE F080 30K
- Lumens: 746 Lms
- Set Back: 12” / 300mm
- Beam Angle: 5 Degree
- Aiming Angle: 0 Degree
- Midway @ Center: 2fc/22 1x

**3 PEDIMENT**
- Product: 2 QTY RISE F080 30K
- Lumens: 746 Lms
- Set Back: 18” / 450mm
- Beam Angle: 40 Degree
- Aiming Angle: 10 Degree
- Average on Target: 10fc/108 1x
ACCESSORIES

1. Rise F080 Ground Stake (F080-LS-1S-STK-12)
   Rise F080 Half Snoot (F080-H-X)
2. Rise Tree Mount(Rise-TMS-TB-VIS3)
   Rise F080 Full Snoot (F080-F-X)
3. Rise F080 Ground Stake (F080-LS-1S-STK-12)
   Rise Canopy Plate (Rise-Canopy-04-X)
LANDSCAPE LIGHTING – RISE

LANDSCAPE SCENES. Layered lighting creates drama and beauty in a landscape scene. Wide angle floodlighting that subtly illuminates foliage along with narrow beam accent lighting on a building adds dimension and personality to an environment.

1 FACADE
- Product: RISE F080 30K
- Lumens: 542 Lms
- Set Back: 12”/300mm
- Beam Angle: 10 Degree
- Aiming Angle: 0 Degree
- Top/Mid/Bottom: 10/3/15fc (108/32/161 1x)

2 TREE LIGHTING
- Product: RISE F080 DUO 30K
- Lumens: 310 Lms
- Set Back: Tree Mount
- Beam Angle: 40 Degree
- Aiming Angle: Varies to cover foliage
- Range: 1-5fc (10-270 1x)

3 LANDSCAPE LIGHTING
- Product: RISE F080 QUAD 30K
- Lumens: 542 Lms
- Set Back: 10’-20’, Ground Stake (3-6m)
- Beam Angle: 40 Degree
- Aiming Angle: Varies to cover foliage
- Average on Target: 3fc/32 1x
ACCESSORIES
1. Rise F170 18” Wall Mount Arm (F170-WMA-18-X)
2. Rise F080 Ground Stake (F080-LS-1S-STK-12)
   Rise F080 Full Snoot (F080-F-X)
**STOREFRONT LIGHTING – RISE & TROV**

**STOREFRONT LIGHTING.** Effective storefront lighting entices visitors, drives revenue and is energy-efficient. Signage should be lit completely with bright and uniform light. Uplight trees with an narrow flood to emphasize the texture of the tree and highlight branches creating the effect of a light canopy.

**SIGNAGE LIGHTING**
- Product: TROV L50 30K
- Lumens: 300 Lms / FT
- Set Back: 30” / 760mm
- Beam Angle: 9x29 Degree
- Aiming Angle: 70 Degree
- Levels on Sign: 10-20fc
  (108-216 1x)

**TREE LIGHTING**
- Product: RISE F080 30K
- Lumens: 746 Lms
- Set Back: 18” / 450mm
- Beam Angle: 20 Degree
- Aiming Angle: Varies to cover foliage
- Top/Mid/Bottom: 10/2/5fc
  (22-108 1x)
ACCESSORIES
1. TROV 90 Degree L Bracket (MNT-L-LBKT)
2. Rise F080 6" Wall Mount Arm (F080-WMA-06-X)
   Rise F080 Half Snoot (F080-H-X)
ARCHITECTURAL LIGHTING. Architectural facades can be transformed from ordinary to extraordinary using spot or accent lighting. A diffused linear accent light that accentuates a key feature brightens up a building's facade easily. Down lighting vertical architectural designs with tight beams of light adds instant drama and excitement for better visual appeal.

1. FRIEZE ACCENT
   - Product: TROV LOL 2W 3000K
   - Lumens: 60 Lms/ft
   - Set Back: Surface Mount
   - Beam Angle: LOL
   - Aiming Angle: 180 Degree
   - Average on Target: 10fc/108 1x

2. ARCHITECTURAL FEATURE
   - Product: RISE 080 3000K
   - Lumens: 746 Lms
   - Set Back: 6" / 150mm
   - Beam Angle: 5 Degree
   - Aiming Angle: 0 Degree
   - Top/Mid/Bottom: 8/4/1fc (86/43/11 1x)
ACCESSORIES

1. TROV 12” Wall Mount Arm (WMA-L-CA-12)
   TROV Asymmetric Louver (LV-L50-ASYM)
2. Rise F080 Ground Stake (F080-LS-1S-STK-12)
   Rise F080 Full Snoot (F080-F-X)
3. Rise F170 Ground Stake (F170-LS-1S-STK-12)
   Rise F170 Full Snoot (F170-F-X)
4. TROV 6” Wall Mount Arm (WMA-L-CA-06)
5. TROV Landscape Stake (LS-L-STK-06)
FACADE LIGHTING. Architecture comes to life with narrow beam grazing and wall-wash lighting. Up lighting and downlighting methods transform an average building into an iconic landmark.

1. FACADE GRAZE DOWNLIGHT
   - Product: TROV L50 30K
   - Lumens: 925 Lms/LF
   - Set Back: 12" Wall Arm
   - Beam Angle: 9 x 29 Degree
   - Aiming Angle: 0 Degree
   - Average @ Top: 15fc/160 1x

2. COLUMN ACCENT
   - Product: RISE F080 30K
   - Lumens: 746 Lms
   - Set Back: Surface Mount
   - Beam Angle: 5 Degree
   - Aiming Angle: 180 Degree
   - Average @ Centerline: 15fc/160 lx

3. FACADE GRAZE UP LIGHT
   - Product: RISE F170 3000K
   - Lumens: 3060 Lms
   - Set Back: 6" Arm
   - Beam Angle: 5 Degree
   - Aiming Angle: 180 Degree
   - Average @ Bottom: 15fc/160 1x

4. FACADE GRAZE UP LIGHT
   - Product: TROV L50 30K
   - Lumens: 448 Lms
   - Set Back: 6" Mounting Arm
   - Beam Angle: 9x29 Degree
   - Aiming Angle: 180 Degree
   - Average: 10fc/108 1x

5. FACADE GRAZE DOWNLIGHT
   - Product: TROV L50 30K
   - Lumens: 448 Lms
   - Set Back: 6" Mounting Arm / 150mm
   - Beam Angle: 9x29 Degree
   - Aiming Angle: 0 Degree
   - Average @ Bottom: 8fc/86 1x
**FLAG ILLUMINATION.** Effective flag illumination utilizes 3 or 4 fixtures with overlapping beam patterns to catch the pole from the ground (allowing viewers to have a visual path to the flag) to the flag at any position on the compass, or when hanging directly down.

**NOTES:**
- Distance from Flag Pole indicated on X-Axis
- Height of Flag Pole indicated on right Y-Axis
- Standard Flag size(s) located at standard flag pole height for size.
- Recommended Rise type indicated on left Y-Axis
- Preferred Layout is (3) or (4) uplights arranged evenly about, and centered on the pole.
- Average Light Levels (fc) indicated in flag area for (3)/(4) luminaires.

All Rise flag uplights presented as High Output, 4000k
WALL/SIGN ILLUMINATION. Illuminating a surface with RISE may be accomplished with a range of beam angles and output levels depending on the size of the wall and the setback.

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<th>FACADE LIGHTING – RISE F080 1S HO</th>
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40'(12m) x 20’ (6m) Wall/Sign

- Power/Beam: 38W/40 deg.
- Spacing: 8ft. (2.4m)
- Offset: 20ft. (6m)
- Max. (fc/lux): 8/86
- Min. (fc/lux): 4/43
- Avg. (fc/lux)/: 6/64

40'(12m) x 20’ (6m) Wall/Sign

- Power/Beam: 38W/30x60 deg.
- Spacing: 8ft. (2.4m)
- Offset: 10ft. (3m)
- Max. (fc/lux): 20/215
- Min. (fc/lux): 5/54
- Avg. (fc/lux)/: 10/108

40'(12m) x 20’ (6m) Wall/Sign

- Power/Beam: 38W/10x60 deg.
- Spacing: 8ft. (2.4m)
- Offset: 5ft. (1.5m)
- Max. (fc/lux): 25/270
- Min. (fc/lux): 2/22
- Avg. (fc/lux)/: 10/108

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**WALL/SIGN ILLUMINATION.** Illuminating a surface with RISE may be accomplished with a range of beam angles and output levels depending on the size of the wall and the setback.