**LED WORK LIGHTS**

**SMD LED TECHNOLOGY FOR LONG TERM RELIABILITY**

**TLL70 FLOOD**

- **Contoured lens produces wide angle beam**
- **Die cast aluminum housing with powder coat finish**
- **Polycarbonate lens**
- **Stainless steel mounting hardware**
- **14AWG, 10” leads**
- **IP69K rating**

**MATERIALS**
Polycarbonate lens, aluminum housing, stainless steel hardware

**WT/DIMS**
1.41 lbs. / 4.375” W x 5.375” H x 2.625” D

**VOLT/AMP**
12.8VDC - 2.8A, 24.0VDC - 1.43A

**WARRANTY**
Lifetime LED Warranty

**TLL56 FLOOD**

- **Contoured lens produces wide angle beam**
- **Die cast aluminum housing and mounting bracket with powder coat finish, polycarbonate lens, stainless steel hardware**
- **16AWG, 20” leads**
- **IP69K rating**
- **Shock mount model designed for especially harsh applications**

**MATERIALS**
Polycarbonate lens, aluminum housing, stainless steel hardware

**WT/DIMS**
3.53 lbs. / 7.161” W x 6.093” H x 4.313” D

**VOLT/AMP**
12.8VDC - 3.7A, 24.0VDC - 2.0A

**WARRANTY**
Lifetime LED Warranty

---

**BULK POLYPACK**

<table>
<thead>
<tr>
<th>P/N</th>
<th>DESCRIPTION</th>
<th>VOLTAGE RANGE</th>
<th>DIODES</th>
<th>CASE QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>TLL70FB</td>
<td>TLL70FBP Wide angle, flood beam</td>
<td>12-24VDC</td>
<td>6 SMD</td>
<td>1</td>
</tr>
<tr>
<td>TLL56FB</td>
<td>TLL56FBP Flood beam</td>
<td>12-24VDC</td>
<td>8 SMD</td>
<td>1</td>
</tr>
<tr>
<td>TLL57FB</td>
<td>TLL57FBP Flood beam, shock mount</td>
<td>12-24VDC</td>
<td>8 SMD</td>
<td>1</td>
</tr>
</tbody>
</table>
**LED LIFETIME WARRANTY**

**HEAVY DUTY CONSTRUCTION FOR DURABILITY AND PERFORMANCE**

**3200 Raw 2240 Effective Lumen Output**

- Die cast aluminum housing with powder coat finish
- Polycarbonate lens
- Stainless steel mounting hardware
- 14AWG, 10” leads
- IP69K rating

![TLL64 Flood](image)

<table>
<thead>
<tr>
<th>BULK P/N</th>
<th>POLYPACK P/N</th>
<th>DESCRIPTION</th>
<th>VOLTAGE RANGE</th>
<th>DIODES</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>TLL64FB</td>
<td>TLL64FBP</td>
<td>Flood beam</td>
<td>12-24VDC</td>
<td>4 SMD</td>
<td>2</td>
</tr>
</tbody>
</table>

**MATERIALS**

Polycarbonate lens, aluminum housing, stainless steel hardware

**WT/DIMS**

1.41 lbs. / 4.187” W x 5.375” H x 3” D

**VOLT/AMP**

12.8VDC - 2.9A, 24VDC - 1.5A

**WARRANTY**

Lifetime LED Warranty

**2400 Raw 1680 Effective Lumen Output**

- Die cast aluminum housing with powder coat finish
- Polycarbonate lens
- Stainless steel mounting hardware
- Third wire activates glow ring for area light
- 14AWG, 10” leads
- IP69K rating

![TLL149 Flood](image)

<table>
<thead>
<tr>
<th>BULK P/N</th>
<th>POLYPACK P/N</th>
<th>DESCRIPTION</th>
<th>VOLTAGE RANGE</th>
<th>DIODES</th>
<th>QTY</th>
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<tbody>
<tr>
<td>TLL149FB</td>
<td>TLL149FBP</td>
<td>Flood beam</td>
<td>12-24VDC</td>
<td>10 SMD</td>
<td>1</td>
</tr>
</tbody>
</table>

**MATERIALS**

Polycarbonate lens, aluminum housing, stainless steel hardware

**WT/DIMS**

.95 lbs. / 6.625” W x 3.5” H x 2.665” D

**VOLT/AMP**

12.8VDC - 2.05A, 24VDC - .97A

**WARRANTY**

Lifetime LED Warranty

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### LED WORK LIGHTS

**SMD LED TECHNOLOGY FOR LONG TERM RELIABILITY**

**LED WORK LIGHTS**

**BETTER VALUE** • **BETTER OPTIONS** • **BETTER LIGHTING**

---

#### TLL55 Flood

- **2160 RAW LUMEN** • **1510 EFFECTIVE OUTPUT**
  - Contoured lens produces wide angle beam
  - Die cast aluminum housing with powder coat finish
  - Polycarbonate lens
  - Stainless steel mounting hardware
  - 14AWG, 10” leads
  - IP69K rating

<table>
<thead>
<tr>
<th>BULK P/N</th>
<th>POLYPACK P/N</th>
<th>DESCRIPTION</th>
<th>VOLTAGE RANGE</th>
<th>DIODES</th>
<th>CASE QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>TLL55FB</td>
<td>TLL55FBP</td>
<td>Flood beam</td>
<td>12-24VDC</td>
<td>9 SMD</td>
<td>1</td>
</tr>
</tbody>
</table>

- **MATERIALS**: Polycarbonate lens, aluminum housing, stainless steel hardware
- **WT/DIMS**: 1.35 lbs. / 4.875” W x 6.5” H x 2.0” D
- **VOLT/AMP**: 12.8VDC - 1.5A, 24.0VDC - .73A
- **WARRANTY**: Lifetime LED Warranty

---

#### TLL46 Flood

- **2160 RAW LUMEN** • **1492 EFFECTIVE OUTPUT**
  - Die cast aluminum housing with powder coat finish
  - Polycarbonate lens
  - Stainless steel mounting hardware
  - 14AWG, 10” leads
  - IP69K rating

<table>
<thead>
<tr>
<th>BULK P/N</th>
<th>POLYPACK P/N</th>
<th>DESCRIPTION</th>
<th>VOLTAGE RANGE</th>
<th>DIODES</th>
<th>CASE QTY</th>
</tr>
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<tbody>
<tr>
<td>TLL46CFB</td>
<td>TLL46CFBP</td>
<td>Flood beam</td>
<td>12-24VDC</td>
<td>9 SMD</td>
<td>3</td>
</tr>
</tbody>
</table>

- **MATERIALS**: Polycarbonate lens, aluminum housing, stainless steel hardware
- **WT/DIMS**: 1.50 lbs. / 5” W x 5.75” H x 2.375” D
- **VOLT/AMP**: 12.8VDC - 1.65A, 24.0VDC - 1.0A
- **WARRANTY**: Lifetime LED Warranty

---

#### TLL71 Flood

- **2160 RAW LUMEN** • **1490 EFFECTIVE OUTPUT**
  - Contoured lens produces wide angle beam
  - Die cast aluminum housing with powder coat finish
  - Polycarbonate lens
  - Stainless steel mounting hardware
  - 14AWG, 10” leads
  - IP69K rating

<table>
<thead>
<tr>
<th>BULK P/N</th>
<th>POLYPACK P/N</th>
<th>DESCRIPTION</th>
<th>VOLTAGE RANGE</th>
<th>DIODES</th>
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<td>TLL71FB</td>
<td>TLL71FBP</td>
<td>Flood beam</td>
<td>12-24VDC</td>
<td>9 SMD</td>
<td>3</td>
</tr>
</tbody>
</table>

- **MATERIALS**: Polycarbonate lens, aluminum housing, stainless steel hardware
- **WT/DIMS**: 1.41 lbs. / 4” W x 5” H x 2.25” D
- **VOLT/AMP**: 12.8VDC - 1.43A, 24.0VDC - .66A
- **WARRANTY**: Lifetime LED Warranty
HEAVY DUTY CONSTRUCTION FOR DURABILITY AND PERFORMANCE

### TLL72 Flood

**2160 Raw Effective Lumen Output**

- Contoured lens produces wide angle beam
- Die cast aluminum housing with powder coat finish
- Polycarbonate lens
- Stainless steel mounting bracket and hardware
- 14AWG, 10" leads
- IP69K rating

**BULK POLYPACK DESCRIPTION VOLTAGE RANGE DIODES QTY**

<table>
<thead>
<tr>
<th>P/N</th>
<th>P/N</th>
<th>DESCRIPTION</th>
<th>VOLTAGE RANGE</th>
<th>DIODES</th>
<th>QTY</th>
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<td>TLL72FB</td>
<td>TLL72FBP</td>
<td>Flood beam</td>
<td>12-24VDC</td>
<td>9 SMD</td>
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</tbody>
</table>

**MATERIALS**
Polycarbonate lens, aluminum housing, stainless steel hardware

**WT/DIMS**
1.5 lbs. / 5” W x 5.375” H x 2.25” D

**VOLT/AMP**
12.8VDC - 1.43A, 24.0VDC - 0.66A

**WARRANTY**
Lifetime LED Warranty

---

### TLL73 Flood

**2160 Raw Effective Lumen Output**

- Contoured lens produces wide angle beam
- Die cast aluminum housing with powder coat finish
- Polycarbonate lens
- Stainless steel mounting bracket and hardware
- Built in handle and switch
- 14AWG, 10" leads
- IP69K rating

**BULK POLYPACK DESCRIPTION VOLTAGE RANGE DIODES QTY**

<table>
<thead>
<tr>
<th>P/N</th>
<th>P/N</th>
<th>DESCRIPTION</th>
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<td>Flood beam</td>
<td>12-24VDC</td>
<td>9 SMD</td>
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</tbody>
</table>

**MATERIALS**
Polycarbonate lens and handle, aluminum housing, stainless steel hardware

**WT/DIMS**
1.61 lbs. / 5” W x 7.5” H x 3.25” D

**VOLT/AMP**
12.8VDC - 1.43A, 24.0VDC - 0.66A

**WARRANTY**
Lifetime LED Warranty

---

---

2160 Raw Effective Lumen Output

1490 Raw Effective Lumen Output

1490  
EFFECTIVE

---
LED WORK LIGHTS

SMD LED TECHNOLOGY FOR LONG TERM RELIABILITY

TLL54 SPOT

- Die cast aluminum housing with powder coat finish
- Polycarbonate lens
- Stainless steel mounting hardware
- 14AWG, 10" leads
- IP69K rating

MATERIALS
- Polycarbonate lens, aluminum housing, stainless steel hardware

WT/DIMS
- 1.51 lbs. / 5" W x 5.75" H x 2.375" D

VOLT/AMP
- 12.8VDC - 1.50A, 24.0VDC - .73A

WARRANTY
- Lifetime LED Warranty

BULK POLYPACK

<table>
<thead>
<tr>
<th>P/N</th>
<th>DESCRIPTION</th>
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<th>DIODES</th>
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<td>TLL54TB</td>
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<tr>
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<th>DIODES</th>
<th>QTY</th>
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<td>TLL46TB</td>
<td>Spot beam</td>
<td>12-24VDC</td>
<td>9 SMD</td>
<td>3</td>
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</tbody>
</table>

TLL46 SPOT

- Die cast aluminum housing with powder coat finish
- Polycarbonate lens
- Stainless steel mounting hardware
- 14AWG, 10" leads
- IP69K rating

MATERIALS
- Polycarbonate lens, aluminum housing, stainless steel hardware

WT/DIMS
- 1.50 lbs. / 5" W x 5.75" H x 2.375" D

VOLT/AMP
- 12.8VDC - 1.50A, 24.0VDC - .73A

WARRANTY
- Lifetime LED Warranty

BULK POLYPACK

<table>
<thead>
<tr>
<th>P/N</th>
<th>DESCRIPTION</th>
<th>VOLTAGE RANGE</th>
<th>DIODES</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>TLL46TB</td>
<td>Spot beam</td>
<td>12-24VDC</td>
<td>9 SMD</td>
<td>3</td>
</tr>
</tbody>
</table>
**LED Lifetime Warranty**

**Heavy Duty Construction for Durability and Performance**

**TLL45 Flood**

- Die cast aluminum housing with powder coat finish
- Polycarbonate lens
- Stainless steel mounting bracket and hardware
- 14AWG, 10" leads
- IP69K rating

<table>
<thead>
<tr>
<th>BULK P/N</th>
<th>POLYPACK P/N</th>
<th>DESCRIPTION</th>
<th>VOLTAGE RANGE</th>
<th>DIODES</th>
<th>CASE QTY</th>
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<tbody>
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<td>TLL45FB</td>
<td>TLL45FBP</td>
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<td>12-24VDC</td>
<td>8 SMD</td>
<td>3</td>
</tr>
</tbody>
</table>

**Materials**
- Polycarbonate lens, aluminum housing, stainless steel hardware

**Wt/Dims**
- 1.39 lbs / 4.5" W x 5.75" H x 2" D

**Vol/T Amp**
- 12.8VDC - 1.50A, 24.0VDC - .67A

**Warranty**
- Lifetime LED Warranty

**TLL48 Flood**

- Die cast aluminum housing with powder coat finish
- Polycarbonate lens
- Stainless steel mounting hardware
- 14AWG, 10" leads
- IP69K rating

<table>
<thead>
<tr>
<th>BULK P/N</th>
<th>POLYPACK P/N</th>
<th>DESCRIPTION</th>
<th>VOLTAGE RANGE</th>
<th>DIODES</th>
<th>CASE QTY</th>
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<tbody>
<tr>
<td>TLL48FB</td>
<td>TLL48FBP</td>
<td>Flood beam</td>
<td>12-24VDC</td>
<td>6 SMD</td>
<td>5</td>
</tr>
</tbody>
</table>

**Materials**
- Polycarbonate lens, aluminum housing, stainless steel hardware

**Wt/Dims**
- 1.14 lbs / 4.125" W x 5.281" H x 2" D

**Vol/T Amp**
- 12.8VDC - 1.1A, 24.0VDC - .5A

**Warranty**
- Lifetime LED Warranty

**TLL44 Flood**

- Die cast aluminum housing with powder coat finish
- Polycarbonate lens
- Stainless steel mounting hardware
- 14AWG, 10" leads
- IP69K rating

<table>
<thead>
<tr>
<th>BULK P/N</th>
<th>POLYPACK P/N</th>
<th>DESCRIPTION</th>
<th>VOLTAGE RANGE</th>
<th>DIODES</th>
<th>CASE QTY</th>
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</thead>
<tbody>
<tr>
<td>TLL44FB</td>
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<td>Flood beam</td>
<td>12-24VDC</td>
<td>6 SMD</td>
<td>2</td>
</tr>
</tbody>
</table>

**Materials**
- Polycarbonate lens, aluminum housing, stainless steel hardware

**Wt/Dims**
- .98 lbs / 4" W x 5.125" H x 2.375" D

**Vol/T Amp**
- 12.8VDC - 1.1A, 24.0VDC - .5A

**Warranty**
- Lifetime LED Warranty
# LED Work Lights

**SMD LED Technology for Long Term Reliability**

## TLL60 Flood

- **BULB**: Die cast aluminum housing with powder coat finish
- **DUAL**: Polycarbonate lens
- **DIODES**: Stainless steel mounting bracket and hardware
- **LEAD**: 14AWG, 10” leads
- **IP69K**: IP69K rating

<table>
<thead>
<tr>
<th>BULK P/N</th>
<th>POLYPACK P/N</th>
<th>DESCRIPTION</th>
<th>VOLTAGE RANGE</th>
<th>DIODES</th>
<th>CASE QTY</th>
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</thead>
<tbody>
<tr>
<td>TLL60FB</td>
<td>TLL60FBP</td>
<td>Flood beam</td>
<td>12-24VDC</td>
<td>6 SMD</td>
<td>5</td>
</tr>
</tbody>
</table>

**MATERIALS**: Polycarbonate lens, aluminum housing, stainless steel hardware

**WT/DIMS**: .95 lbs / 6” W x 3.25” H x 2.438” D

**VOLT/AMP**: 12.8VDC - .85A, 24.0VDC - .5A

**WARRANTY**: Lifetime LED Warranty

## TLL30 Flood

- **BULB**: Die cast aluminum housing with powder coat finish
- **DUAL**: Polycarbonate lens
- **DIODES**: Stainless steel mounting hardware
- **LEAD**: 16AWG, 20” leads
- **IP69K**: IP69K rating

<table>
<thead>
<tr>
<th>BULK P/N</th>
<th>POLYPACK P/N</th>
<th>DESCRIPTION</th>
<th>VOLTAGE RANGE</th>
<th>DIODES</th>
<th>CASE QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>TLL30FB</td>
<td>TLL30FBP</td>
<td>Flood beam</td>
<td>12-24VDC</td>
<td>4 SMD</td>
<td>2</td>
</tr>
</tbody>
</table>

**MATERIALS**: Polycarbonate lens, aluminum housing, stainless steel hardware

**WT/DIMS**: 1.468 lbs / 3.27” W x 4.5” H x 2.375” D

**VOLT/AMP**: 12.8VDC - .75A, 24.0VDC - .37A

**WARRANTY**: Lifetime LED Warranty

## TLL51 Flood

- **BULB**: Die cast aluminum housing with powder coat finish
- **DUAL**: Polycarbonate lens
- **DIODES**: Stainless steel mounting bracket and hardware
- **LEAD**: 14AWG, 10” leads
- **IP69K**: IP69K rating

<table>
<thead>
<tr>
<th>BULK P/N</th>
<th>POLYPACK P/N</th>
<th>DESCRIPTION</th>
<th>VOLTAGE RANGE</th>
<th>DIODES</th>
<th>CASE QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>TLL51FB</td>
<td>TLL51FBP</td>
<td>Flood beam</td>
<td>12-24VDC</td>
<td>1 SMD</td>
<td>10</td>
</tr>
</tbody>
</table>

**MATERIALS**: Polycarbonate lens, aluminum housing, stainless steel hardware

**WT/DIMS**: .37 lbs / 2” W x 3” H x 2.5” D

**VOLT/AMP**: 12.8VDC - .85A, 24.0VDC - .41A

**WARRANTY**: Lifetime LED Warranty
HEAVY DUTY CONSTRUCTION FOR DURABILITY AND PERFORMANCE

720 RAW EFFECTIVE LUMEN OUTPUT

- Die cast aluminum housing with powder coat finish
- Polycarbonate lens
- Stainless steel mounting bracket and hardware
- 14AWG, 10" leads
- IP69K rating

![TLL52FB](image1)

<table>
<thead>
<tr>
<th>BULK P/N</th>
<th>POLYPACK P/N</th>
<th>DESCRIPTION</th>
<th>VOLTAGE RANGE</th>
<th>DIODES</th>
<th>CASE QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>TLL52FB</td>
<td>TLL52FBP</td>
<td>Flood beam, black housing</td>
<td>12-24VDC</td>
<td>3 SMD</td>
<td>10</td>
</tr>
<tr>
<td>TLL52FWB</td>
<td>TLL52FWBP</td>
<td>Flood beam, white housing</td>
<td>12-24VDC</td>
<td>3 SMD</td>
<td>10</td>
</tr>
</tbody>
</table>

MATERIALS: Polycarbonate lens, aluminum housing, stainless steel hardware

WT/DIMS: .38 lb. / 2.75" W x 4" H x 1.687" D
VOLT/AMP: 12.8VDC - .53A, 24.0VDC - .28A
WARRANTY: Lifetime LED Warranty

324 RAW EFFECTIVE LUMEN OUTPUT

- Corrosion proof polycarbonate lens and housing
- Stainless steel housing
- 22AWG, 10" leads
- IP69K rating

![TLL80FB](image2)

<table>
<thead>
<tr>
<th>BULK P/N</th>
<th>POLYPACK P/N</th>
<th>DESCRIPTION</th>
<th>VOLTAGE RANGE</th>
<th>DIODES</th>
<th>CASE QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>TLL80FB</td>
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<td>Flood beam, black housing</td>
<td>12VDC</td>
<td>6 SMD</td>
<td>5</td>
</tr>
</tbody>
</table>

MATERIALS: Polycarbonate lens, aluminum housing, stainless steel hardware

WT/DIMS: .4 lbs. / 3" W x 2" H x 1.563" D
VOLT/AMP: 12.8VDC - .19A
WARRANTY: Lifetime LED Warranty

270 RAW EFFECTIVE LUMEN OUTPUT

- Die cast aluminum housing with powder coat finish
- Polycarbonate lens
- Compact design – only three inches wide by two inches high

![TLL50FB](image3)

<table>
<thead>
<tr>
<th>BULK P/N</th>
<th>POLYPACK P/N</th>
<th>DESCRIPTION</th>
<th>VOLTAGE RANGE</th>
<th>DIODES</th>
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<td>TLL50FB</td>
<td>TLL50FBP</td>
<td>Flood beam</td>
<td>12-24VDC</td>
<td>9 SMD</td>
<td>3</td>
</tr>
</tbody>
</table>

MATERIALS: Polycarbonate lens, polycarbonate housing, stainless steel hardware

WT/DIMS: .96 lbs. / 4.938" W x 5.75" H x 2.375" D
VOLT/AMP: 12.8VDC - .53A, 24.0VDC - .28A
WARRANTY: Lifetime LED Warranty

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**LED WORK LIGHTS**

**SMD LED TECHNOLOGY FOR LONG TERM RELIABILITY**

<table>
<thead>
<tr>
<th>Raw Lumen</th>
<th>4800</th>
<th>4000</th>
<th>3200</th>
<th>2400</th>
<th>2160</th>
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<tbody>
<tr>
<td>Effective Lumen</td>
<td>3360</td>
<td>2800</td>
<td>2240</td>
<td>1680</td>
<td>1510</td>
<td>1492</td>
<td>1490</td>
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<table>
<thead>
<tr>
<th>Bulk P/N</th>
<th>TLL70FB</th>
<th>TLL56FB</th>
<th>TLL64FB</th>
<th>TLL149FB</th>
<th>TLL55FB</th>
<th>TLL46CFB</th>
<th>TLL71FB</th>
<th>TLL72FB</th>
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<tbody>
<tr>
<td>LEDs</td>
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<td>4 SMD</td>
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<tr>
<td>Beam</td>
<td>Flood</td>
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<td>Weight</td>
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<td>3.53 lbs.</td>
<td>1.41 lbs.</td>
<td>.95 lbs.</td>
<td>1.35 lbs.</td>
<td>1.50 lbs.</td>
<td>1.41 lbs.</td>
<td>1.5 lbs.</td>
<td>1.61 lbs.</td>
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<td>3.7A</td>
<td>2.9A</td>
<td>2.05A</td>
<td>1.5A</td>
<td>1.65A</td>
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<tr>
<td>Amp Draw 24VDC</td>
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<td>2A</td>
<td>1.5A</td>
<td>.97A</td>
<td>.73A</td>
<td>1.0A</td>
<td>.66A</td>
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- **Wide Angle Beam**
- **Flood Beam Pattern**
- **Spot Beam Pattern**

**IP69K RATING**

Highest designation available for water ingress testing, offering increased reliability and service life when subjected to severe environmental conditions or cleaning methods.
### Lumen Ratings

The **raw lumen** output of a light is calculated by taking the number of LEDs in a light and multiplying that by their maximum output rating. The resulting value does not include real-world factors that can decrease light output by as much as 75 percent.

**Effective lumens** is an actual measurement of light output that takes into account thermal losses, current used to drive the LEDs, optical losses, and assembly variations. Measuring the effective lumen output of a light requires the use of high-tech photometry equipment.

- Fewer connection points, fewer corrosion points
- Automated manufacturing increases production efficiency
- Thinner, more compact designs fit more applications
- Improved heat distribution increases component life