

## DESCRIPTION

This track light was designed to provide high luminous performance into a small product. With only 55mm diameter, it integrates a heatsink of high thermal conductivity. This track light is ideal for projects where high levels of quality light are necessary, highlighting products or special spaces. The ROSS has been specially designed to be used with an adapter in low voltage magnetic rails but it is also available with inTrack driver version for universal 3 circuit rail of 230V. Recently, two new solutions for the use of this lighting fixture has been added: Surface and recessed.

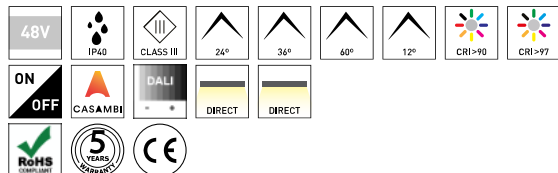
Note: The Ross with code 401/412/474 is compatible with BT1/TK3 rails (Short Holder) while the Ross with code 407/414/476 is compatible with BT2/TK5/TK9 rails (Long Holder).

|                    |                |
|--------------------|----------------|
| LIGHT DISTRIBUTION | Direct         |
| POWER SUPPLY       | 48V / TRACK    |
| WARRANTY           | 5 Years        |
| FINISHING          | Textured White |
| CONTROL            | ON/OFF, DALI   |

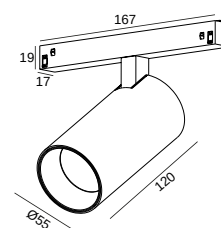
## LED FEATURES

|                      |                |
|----------------------|----------------|
| LUMINOUS EFFICIENCY  | UP TO 133 lm/W |
| CRI                  | CRI→90, CRI→97 |
| LIFESPAN             | 50.000 Hours   |
| LUMEN MAINTENANCE    | L90/B50        |
| PHOTOBIOLOGICAL RISK | RG1            |

## ICONOGRAPHY



## TECHNICAL DRAWING





ROSS MAGNETIC 48V  
PRODUCT TABLE AND TECHNICAL SPECIFICATIONS - CRI→90

| LENGTH | POWER | FINISHING | CONTROL TYPE | BEAM ANGLE     | LED LUMENS | LUMINAIRE LM | COLOR TEMP. | CODE            |
|--------|-------|-----------|--------------|----------------|------------|--------------|-------------|-----------------|
| 120    | 12.1  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1524       | 1295         | 2700K       | 412XX.12.927.FI |
| 120    | 12.1  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1524       | 1295         | 2700K       | 412XX.24.927.FI |
| 120    | 12.1  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1524       | 1295         | 2700K       | 412XX.36.927.FI |
| 120    | 12.1  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1524       | 1295         | 2700K       | 412XX.60.927.FI |
| 120    | 12.1  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1524       | 1295         | 2700K       | 414XX.12.927.FI |
| 120    | 12.1  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1524       | 1295         | 2700K       | 414XX.24.927.FI |
| 120    | 12.1  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1524       | 1295         | 2700K       | 414XX.36.927.FI |
| 120    | 12.1  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1524       | 1295         | 2700K       | 414XX.60.927.FI |
| 120    | 12.1  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1586       | 1348         | 3000K       | 412XX.12.930.FI |
| 120    | 12.1  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1586       | 1348         | 3000K       | 412XX.24.930.FI |
| 120    | 12.1  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1586       | 1348         | 3000K       | 412XX.36.930.FI |
| 120    | 12.1  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1586       | 1348         | 3000K       | 412XX.60.930.FI |
| 120    | 12.1  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1586       | 1348         | 3000K       | 414XX.12.930.FI |
| 120    | 12.1  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1586       | 1348         | 3000K       | 414XX.24.930.FI |
| 120    | 12.1  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1586       | 1348         | 3000K       | 414XX.36.930.FI |
| 120    | 12.1  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1586       | 1348         | 3000K       | 414XX.60.930.FI |
| 120    | 12.1  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1611       | 1369         | 4000K       | 412XX.12.940.FI |
| 120    | 12.1  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1611       | 1369         | 4000K       | 412XX.24.940.FI |
| 120    | 12.1  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1611       | 1369         | 4000K       | 412XX.36.940.FI |
| 120    | 12.1  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1611       | 1369         | 4000K       | 412XX.60.940.FI |
| 120    | 12.1  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1611       | 1369         | 4000K       | 414XX.12.940.FI |
| 120    | 12.1  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1611       | 1369         | 4000K       | 414XX.24.940.FI |
| 120    | 12.1  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1611       | 1369         | 4000K       | 414XX.36.940.FI |
| 120    | 12.1  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1611       | 1369         | 4000K       | 414XX.60.940.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1982       | 1685         | 2700K       | 401XX.12.927.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1982       | 1685         | 2700K       | 401XX.24.927.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1982       | 1685         | 2700K       | 401XX.36.927.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1982       | 1685         | 2700K       | 401XX.60.927.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1982       | 1685         | 2700K       | 407XX.12.927.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1982       | 1685         | 2700K       | 407XX.24.927.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1982       | 1685         | 2700K       | 407XX.36.927.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1982       | 1685         | 2700K       | 407XX.60.927.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 2063       | 1754         | 3000K       | 401XX.12.930.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 2063       | 1754         | 3000K       | 401XX.24.930.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 2063       | 1754         | 3000K       | 401XX.36.930.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 2063       | 1754         | 3000K       | 401XX.60.930.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 2063       | 1754         | 3000K       | 407XX.12.930.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 2063       | 1754         | 3000K       | 407XX.24.930.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 2063       | 1754         | 3000K       | 407XX.36.930.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 2063       | 1754         | 3000K       | 407XX.60.930.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 2096       | 1782         | 4000K       | 401XX.12.940.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 2096       | 1782         | 4000K       | 401XX.24.940.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 2096       | 1782         | 4000K       | 401XX.36.940.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 2096       | 1782         | 4000K       | 401XX.60.940.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 2096       | 1782         | 4000K       | 407XX.12.940.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 2096       | 1782         | 4000K       | 407XX.24.940.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 2096       | 1782         | 4000K       | 407XX.36.940.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 2096       | 1782         | 4000K       | 407XX.60.940.FI |

SELECT YOUR PREFERRED  
OPTION

| CONTROL TYPE | XX |
|--------------|----|
| CASAMBI      | CS |
| DALI         | DL |
| ON/OFF       | NF |

| FINISHING      | FI |
|----------------|----|
| Textured Black | TB |
| Textured White | TW |

| BEAM ANGLE | BA |
|------------|----|
| 12°        | 12 |
| 24°        | 24 |
| 36°        | 36 |
| 60°        | 60 |



# ROSS MAGNETIC 48V

## PRODUCT TABLE AND TECHNICAL SPECIFICATIONS - CRI→97

| LENGTH | POWER | FINISHING | CONTROL TYPE | BEAM ANGLE     | LED LUMENS | LUMINAIRE LM | COLOR TEMP. | CODE             |
|--------|-------|-----------|--------------|----------------|------------|--------------|-------------|------------------|
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1774       | 1508         | 2700K       | 474XX.12.9727.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1774       | 1508         | 2700K       | 474XX.24.9727.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1774       | 1508         | 2700K       | 474XX.36.9727.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1774       | 1508         | 2700K       | 474XX.60.9727.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1774       | 1508         | 2700K       | 476XX.12.9727.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1774       | 1508         | 2700K       | 476XX.24.9727.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1774       | 1508         | 2700K       | 476XX.36.9727.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1774       | 1508         | 2700K       | 476XX.60.9727.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1846       | 1570         | 3000K       | 474XX.12.9730.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1846       | 1570         | 3000K       | 474XX.24.9730.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1846       | 1570         | 3000K       | 474XX.36.9730.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1846       | 1570         | 3000K       | 474XX.60.9730.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1846       | 1570         | 3000K       | 476XX.12.9730.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1846       | 1570         | 3000K       | 476XX.24.9730.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1846       | 1570         | 3000K       | 476XX.36.9730.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1846       | 1570         | 3000K       | 476XX.60.9730.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1893       | 1610         | 4000K       | 474XX.12.9740.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1893       | 1610         | 4000K       | 474XX.24.9740.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1893       | 1610         | 4000K       | 474XX.36.9740.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1893       | 1610         | 4000K       | 474XX.60.9740.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1893       | 1610         | 4000K       | 476XX.12.9740.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1893       | 1610         | 4000K       | 476XX.24.9740.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1893       | 1610         | 4000K       | 476XX.36.9740.FI |
| 120    | 16.2  | TB, TW    | CS, DL, NF   | 12, 24, 36, 60 | 1893       | 1610         | 4000K       | 476XX.60.9740.FI |

SELECT YOUR PREFERRED  
OPTION

| CONTROL TYPE | XX |
|--------------|----|
| CASAMBI      | CS |
| DALI         | DL |
| ON/OFF       | NF |

| FINISHING      | FI |
|----------------|----|
| Textured Black | TB |
| Textured White | TW |

| BEAM ANGLE | BA |
|------------|----|
| 12°        | 12 |
| 24°        | 24 |
| 36°        | 36 |
| 60°        | 60 |

## ACCESSORIES



| BT1 Magnetic Track    | White        | Black        |
|-----------------------|--------------|--------------|
| Magnetic Track 48V 1M | 3080-0175.WH | 3080-0175.BL |
| Magnetic Track 48V 2M | 3080-0176.WH | 3080-0176.BL |



| BT2 Magnetic Track    | White        | Black        |
|-----------------------|--------------|--------------|
| Magnetic Track 48V 1M | 3080-0177.WH | 3080-0177.BL |
| Magnetic Track 48V 2M | 3080-0178.WH | 3080-0178.BL |



| TK3 Magnetic Track    | White        | Black        |
|-----------------------|--------------|--------------|
| Magnetic Track 48V 1M | 3080-0205.WH | 3080-0205.BL |
| Magnetic Track 48V 2M | 3080-0206.WH | 3080-0206.BL |



| TK5 48V Magnetic Track | White        | Black        |
|------------------------|--------------|--------------|
| Magnetic Track 48V 1M  | 3080-0250.WH | 3080-0250.BL |
| Magnetic Track 48V 2M  | 3080-0251.WH | 3080-0251.BL |



| TK9 Magnetic Track    | White        | Black        |
|-----------------------|--------------|--------------|
| Magnetic Track 48V 1M | 3080-0211.WH | 3080-0211.BL |
| Magnetic Track 48V 2M | 3080-0212.WH | 3080-0212.BL |