

# LED LIGHTING

## CATALOGUE

VER. 01



TRA-TR004



TRA-TR3006



TRA-TR3007



TRA-TR3001



TRA-TR3023



TRA-TR3050

TRA-TR3012



TRA-TR3065



TRA-PL3030



TRA-TR3040



TRA-TR3041

## TRACK

**COMPACT** series is a range of track light which integrate the latest technology such as power on board COB and track LED driver. It can use to brighten up your shop and high light your product.

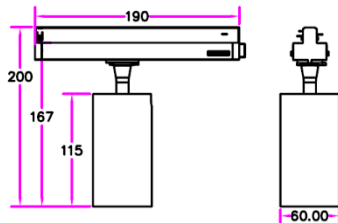
**Litesyn**  
Your Luminaire craftsman

**IDP Power Technology Ltd**

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email: idppowertech@gmail.com

## TRACK/SPOT LIGHT/ANTI-GLARE

**Model: TRA TR004**



### Feature:

- Spot light, track light
- 4 ways track adaptor with build in LED Driver
- High lumen output

### Technical data:

- |                          |   |
|--------------------------|---|
| ▪ Light source           | COB or others                                     |
| ▪ LED Power (max)        | 12.6W (350mA, 36V)                                |
| ▪ System Power (ref.)    | 15W <small>(ref. only depends on the ECG)</small> |
| ▪ Lumen flux (typ.)      | 1100lm  |
| ▪ Colour temperature     | 2700K, 3000K, 4000K                               |
| ▪ Colour rendering index | Ra $\geq$ 90                                      |
| ▪ MacAdam Step           | 3   |
| ▪ Beam Angle             | 15D, 24D, 36D Reflector                           |
| ▪ Tilttable              | Yes   |
| ▪ Ingress protection     | IP21  |
| ▪ Operation temperature  | 0-40C   |
| ▪ Protection Class       | III   |
| ▪ LED Life time          | 50,000h L70B10                                    |
| ▪ Finishing              | White/Black                                       |
| ▪ Construction           | Aluminum  |
| ▪ Installation           | Track   |
| ▪ Dimension              | 60x190x200mm                                      |
| ▪ LED Driver             | Build in  |
| ▪ Trimless version       | NA  |

### Electronic control gear

Build in track On/Off LED Driver  
(Dimmable LED Driver is on request)

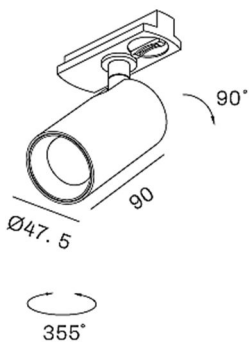
**\*\*The specification is subject to change without note.\*\***

## TRACK/SPOT LIGHT/ANTI-GLARE/AC COB

**Model: TRA-TR3006**



6



### Feature:

- Spot light, track light
- 2 ways or 4 ways track adaptor
- AC COB ( No ECG necessary)

### Technical data:

- Light source AC COB
- LED Power (max) NA
- System Power (ref.) 8W (ref. only depends on the ECG)
- Lumen flux (typ.) 600lm
- Colour temperature 2700K, 3000K, 4000K
- Colour rendering index Ra $\geq$ 90
- MacAdam Step 3
- Beam Angle 17D, 24D, 36D, 60D Reflector
- Tilttable Yes
- Ingress protection IP21
- Operation temperature 0-40C
- Protection Class III
- LED Life time 50,000h L70B10
- Finishing White/Black/Brass/ Wood
- Construction Aluminum
- Installation Track
- Dimension 47.5mm(OD) x 90mm(H)
- LED Driver NA
- Trimless version NA

### Electronic control gear

NO ECG

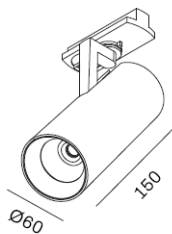
Light Distribution For 2700K  
medium 35.6°

h(m)	E(lx)	ø(m)
1	695.5	ø0.64
2	173.9	ø1.28
3	77.28	ø1.93
4	43.47	ø2.57
5	27.82	ø3.21

**\*\*The specification is subject to change without note.\*\***

## TRACK/SPOT LIGHT/ANTI-GLARE/AC COB

**Model: TRA-TR3007**



### Feature:

- Spot light, track light
- 2 ways or 4 ways track adaptor
- AC COB (No ECG necessary)

### Technical data:

- Light source AC COB
- LED Power (max) NA
- System Power (ref.) 15W (ref. only depends on the ECG)
- Lumen flux (typ.) 1200lm
- Colour temperature 2700K, 3000K, 4000K
- Colour rendering index  $Ra \geq 90$
- MacAdam Step 3
- Beam Angle 24D, 38D, 60D Reflector
- Tilttable Yes
- Ingress protection IP21
- Operation temperature 0-40C
- Protection Class III
- LED Life time 50,000h L70B10
- Finishing White/Black
- Construction Aluminum
- Installation Track
- Dimension 60mm(OD) x 150mm(H)
- LED Driver NA
- Trimless version NA

### Electronic control gear

NO ECG

Light Distribution For 3000K  
medium 37.3°

h(m)	E(lx)	Ø(m)
1	1700	Ø0.67
2	425.0	Ø1.35
3	188.9	Ø2.03
4	106.2	Ø2.71
5	68.00	Ø3.38

**\*\*The specification is subject to change without note.\*\***

## TRACK/SPOT LIGHT/ANTI-GLARE/SNOOT

Model: TRA TR3050



### Feature:

- Spot light, track light
- 4 ways track adaptor with build in LED Driver
- High lumen output

### Technical data:

- Light source COB or others
- LED Power (max) 12.6W (350mA, 36V)
- System Power (ref.) 15W (ref. only depends on the ECG)
- Lumen flux (typ.) 1100lm
- Colour temperature 2700K, 3000K, 4000K
- Colour rendering index Ra $\geq$ 90
- MacAdam Step 3
- Beam Angle 24D, 38D, 60D Reflector
- Tilttable Yes
- Ingress protection IP21
- Operation temperature 0-40C
- Protection Class III
- LED Life time 50,000h L70B10
- Finishing White/Black
- Construction Aluminum
- Installation Track
- Dimension 75mm(OD) x110mm(H)
- LED Driver Build in track LED driver
- Trimless versioib NA

### Electronic control gear

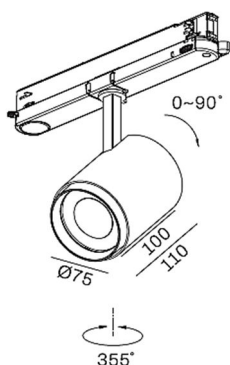
Build in track On/Off LED Driver  
(Dimmable LED Driver is on request)

#### Light Distribution For 3000K

medium 27°			wide 34°		
h(m)	E(lx)	ø(m)	h(m)	E(lx)	ø(m)
1	9092	ø0.49	1	6636	ø0.61
2	2273	ø0.99	2	1659	ø1.22
3	1010	ø1.48	3	737.4	ø1.84
4	568.2	ø1.98	4	414.8	ø2.45
5	363.7	ø2.47	5	265.5	ø3.06

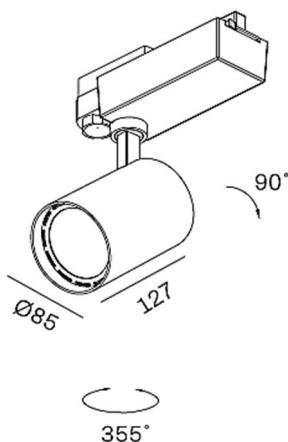
**\*\*Accessories: Honeycomb louvre\*\***

**\*\*The specification is subject to change without note.\*\***



## TRACK/SPOT LIGHT/ANTI-GLARE

**Model: TRA-TR3001**



### Feature:

- Spot light, track light
- 2 or 4 ways track adaptor available
- Up to 28.8W LED power output.

### Technical data:

- Light source COB or others
- LED Power (max) 28.8W (350mA, 36V)
- System Power (ref.) 34W (ref. only depends on the ECG)
- Lumen flux (typ.) 2600lm
- Colour temperature 2700K, 3000K, 4000K
- Colour rendering index  $Ra \geq 90$
- MacAdam Step 3
- Beam Angle 24D, 36D, 60D Reflector
- Tilttable Yes
- Ingress protection IP21
- Operation temperature 0-40C
- Protection Class III
- LED Life time 50,000h L70B10
- Finishing White/Black
- Construction Aluminum
- Installation Track
- Dimension Refer to drawing
- LED Driver Build in
- Trimless version NA

### Electronic control gear

Remote box LED Driver or Track LED Driver  
(Dimmable LED Driver is on request)

#### Light Distribution For 3000K medium 21°

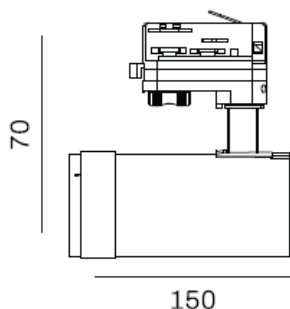
h(m)	E(lx)	ø(m)
1	9251	ø0.42
2	2313	ø0.85
3	1028	ø1.27
4	578.2	ø1.70
5	370.0	ø2.12

**\*\*Accessories: Honeycomb louvre\*\***

**\*\*The specification is subject to change without note.\*\***

## TRACK/SPOT LIGHT/ANTI-GLARE/ 15D-60D ZOOM

**Model: TRA-TR3023**



### Feature:

- Spot light, track light
- 15D-60D Zoom Lens
- Compact design with build in LED driver

### Technical data:

- Light source COB or others
- LED Power (max) 12.6W (350mA, 36V)
- System Power (ref.) 15W (ref. only depends on the ECG)
- Lumen flux (typ.) 1000lm
- Colour temperature 2700K, 3000K, 4000K
- Colour rendering index Ra $\geq$ 90
- MacAdam Step 3
- Beam Angle 15D-60D Reflector
- Tilttable Yes
- Ingress protection IP21
- Operation temperature 0-40C
- Protection Class III
- LED Life time 50,000h L70B10
- Finishing White/Black
- Construction Aluminum
- Installation Track
- Dimension 70x150mm
- LED Driver Build in
- Trimless version NA

### Electronic control gear

On/Off remote LED Driver  
(Dimmable LED Driver is on request)

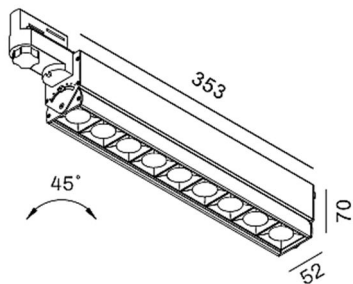
#### Light Distribution For 3000K

spot 17.6°			medium 36°			wide 57.1°		
h(m)	E(lx)	ø(m)	h(m)	E(lx)	ø(m)	h(m)	E(lx)	ø(m)
1	7915	ø0.31	1	2997	ø0.65	1	1396	ø1.09
2	1979	ø0.62	2	749.2	ø1.30	2	349.0	ø2.18
3	879.5	ø0.93	3	333.0	ø1.95	3	155.1	ø3.26
4	494.7	ø1.24	4	187.3	ø2.60	4	87.25	ø4.35
5	316.6	ø1.55	5	119.9	ø3.25	5	55.84	ø5.44

**\*\*The specification is subject to change without notes.\*\***

## TRACK/SPOT LIGHT/ANTI-GLARE/LINEAR WALL WASHER

**Model: TRA-TR3012**



### Feature:

- Spot light, track light
- Linear wall washer
- Compact design with build in LED driver

### Technical data:

- Light source COB or others
- LED Power (max) 36W (1200mA, 30V)
- System Power (ref.) 42W (ref. only depends on the ECG)
- Lumen flux (typ.) 2600lm
- Colour temperature 2700K, 3000K, 4000K
- Colour rendering index  $Ra \geq 90$
- MacAdam Step 3
- Beam Angle 45x75D Reflector
- Tilttable Yes
- Ingress protection IP21
- Operation temperature 0-40C
- Protection Class III
- LED Life time 50,000h L70B10
- Finishing White/Black
- Construction Aluminum
- Installation 4 ways Track
- Dimension 52x353x70mm
- LED Driver Build in
- Trimless version NA

### Electronic control gear

On/Off remote LED Driver  
(Dimmable LED Driver is on request)

### Light Distribution For 3000K flood 45x75°

h(m)	E(lx)	ø(m)
1	4412	ø0.79
2	1103	ø1.59
3	490.3	ø2.39
4	275.8	ø3.19
5	176.5	ø3.99

**\*\*The specification is subject to change without note.\*\***



## TRACK/SPOT LIGHT/ANTI-GLARE/SLIM TUBE

**Model: TRA-TR3065**

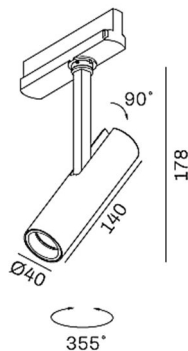


### Feature:

- Spot light, track light
- 4 ways track adaptor with build in LED Driver
- Compact design

### Technical data:

- Light source COB or others
- LED Power (max) 12.6W (350mA, 36V)
- System Power (ref.) 15W (ref. only depends on the ECG)
- Lumen flux (typ.) 1100lm
- Colour temperature 2700K, 3000K, 4000K
- Colour rendering index  $Ra \geq 90$
- MacAdam Step 3
- Beam Angle 20D, 30D, 40D Reflector
- Tiltable yes
- Ingress protection IP21
- Operation temperature 0-40C
- Protection Class III
- LED Life time 50,000h L70B10
- Finishing White/Black
- Construction Aluminum
- Installation 4 ways track
- Dimension 40mm(OD)x178mm(H)
- LED Driver Build in track LED driver
- Trimless Version NA



### Electronic control gear

Build in track On/Off LED Driver  
(Dimmable LED Driver is on request)

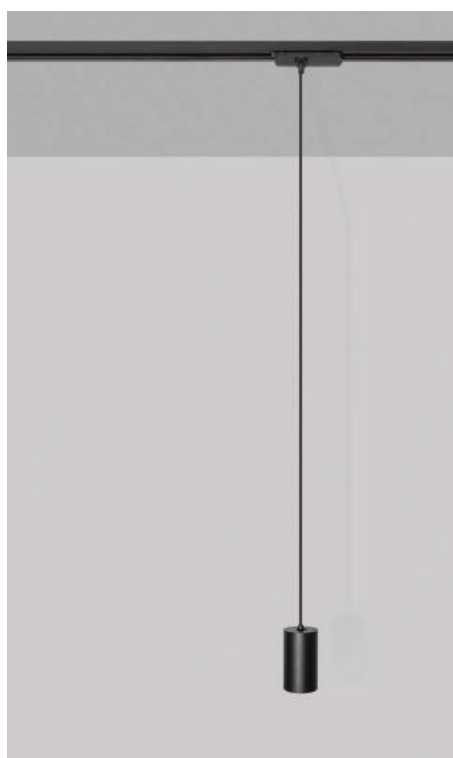
#### Light Distribution For 3000K

medium 26°			wide 38°		
h(m)	E(lx)	ø(m)	h(m)	E(lx)	ø(m)
1	2478	ø0.47	1	1498	ø0.68
2	619.5	ø0.94	2	374.5	ø1.36
3	275.3	ø1.40	3	166.4	ø2.04
4	154.9	ø1.87	4	93.62	ø2.72
5	99.12	ø2.34	5	59.92	ø3.41

**\*\*The specification is subject to change without note.\*\***

## TRACK/COMMERICAL PENDANT SPOT/ANTI-GLARE

**Model: TRA-PL3030**



### Feature:

- Pendant Spot with track mount adaptor
- Optional lamp shield
- 4ways build in track LED driver

### Technical data:

- Light source COB or others
- LED Power (max) 28W (800mA, 36V)
- System Power (ref.) 34W (ref. only depends on the ECG)
- Lumen flux (typ.) 2600lm
- Colour temperature 2700K, 3000K, 4000K
- Colour rendering index  $Ra \geq 90$
- MacAdam Step 3
- Beam Angle 24D, 36D, 60D Reflector
- Tilttable No
- Ingress protection IP21
- Operation temperature 0-40C
- Protection Class III
- LED Life time 50,000h L70B10
- Finishing White/Black
- Construction Aluminum
- Installation 4 ways Track
- Dimension Refer to drawing
- LED Driver Build in track LED driver
- Trimless version NA

### Electronic control gear

Build in track On/Off LED Driver  
(Dimmable LED Driver is on request)

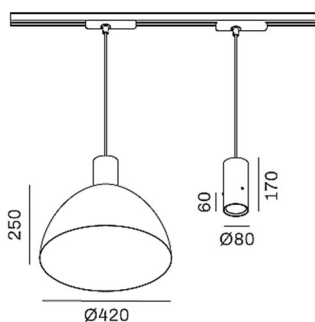
#### Light Distribution For 3000K

medium 24°

h(m)	E(lx)	ø(m)
1	9251	ø0.42
2	2313	ø0.85
3	1028	ø1.27
4	578.2	ø1.70
5	370.0	ø2.12

**\*\*Accessories: Honeycomb Louvre\*\***

**\*\*The specification is subject to change without note.\*\***



## TRACK/DOME GLASS SHIELD/ANTI-GLARE

**Model: TRA-TR3040**



### Feature:

- Dome shape glass shield
- 220Vac or 48Vdc track available
- Build in track LED driver

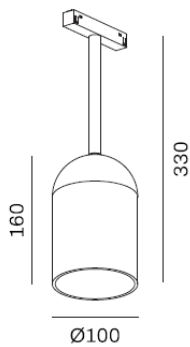
### Technical data:

- |                          |                                    |
|--------------------------|------------------------------------|
| ▪ Light source           | COB or others                      |
| ▪ LED Power (max)        | 12.6W (350mA, 36V)                 |
| ▪ System Power (ref.)    | 15W (ref. only depends on the ECG) |
| ▪ Lumen flux (typ.)      | 900lm                              |
| ▪ Colour temperature     | 2700K, 3000K, 4000K                |
| ▪ Colour rendering index | Ra $\geq$ 90                       |
| ▪ MacAdam Step           | 3                                  |
| ▪ Beam Angle             | 24D, 36D, 60D Reflector            |
| ▪ Tiltable               | No                                 |
| ▪ Ingress protection     | IP21                               |
| ▪ Operation temperature  | 0-40C                              |
| ▪ Protection Class       | III                                |
| ▪ LED Life time          | 50,000h L70B10                     |
| ▪ Finishing              | White/Black                        |
| ▪ Construction           | Aluminum                           |
| ▪ Installation           | Track                              |
| ▪ Dimension              | 100mm(OD)x330mm(H)                 |
| ▪ LED Driver             | Build in track LED Driver          |
| ▪ Trimless               | NA                                 |

### Electronic control gear

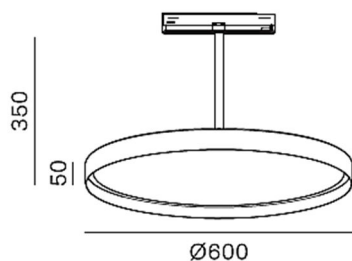
Build in track On/Off LED Driver  
(Dimmable LED Driver is on request)

**\*\*The specification is subject to change without note.\*\***



## TRACK/FLAT PANEL/WIDE ANGLE

**Model: TRA-TR3041**



### Feature:

- 600mm diameter flat panel
- 4 ways track build in track LED driver available
- WIDE angle

### Technical data:

- Light source SMD2835 LED
- LED Power (max) 32.4W (900mA, 36V)
- System Power (ref.) 40W (ref. only depends on the ECG)
- Lumen flux (typ.) 1800lm
- Colour temperature 2700K, 3000K, 4000K
- Colour rendering index  $Ra \geq 90$
- MacAdam Step 3
- Beam Angle WIDE
- 
- Ingress protection IP21
- Operation temperature 0-40C
- Protection Class III
- LED Life time 50,000h L70B10
- Finishing White/Black/other color
- Construction Aluminum
- Installation Track
- Dimension 600mm(OD)x350mm(H)
- LED Driver Build in Track LED Driver
- Trimless version NA

### Electronic control gear

Build in track On/Off LED Driver  
(Dimmable LED Driver is on request)

#### Light Distribution For 3000K

wide 114,4°

h(m)	E(lx)	ø(m)
1	624.7	ø3.10
2	156.2	ø6.21
3	69.41	ø9.31
4	39.04	ø12.42
5	24.99	ø15.52

**\*\*The specification is subject to change without note.\*\***