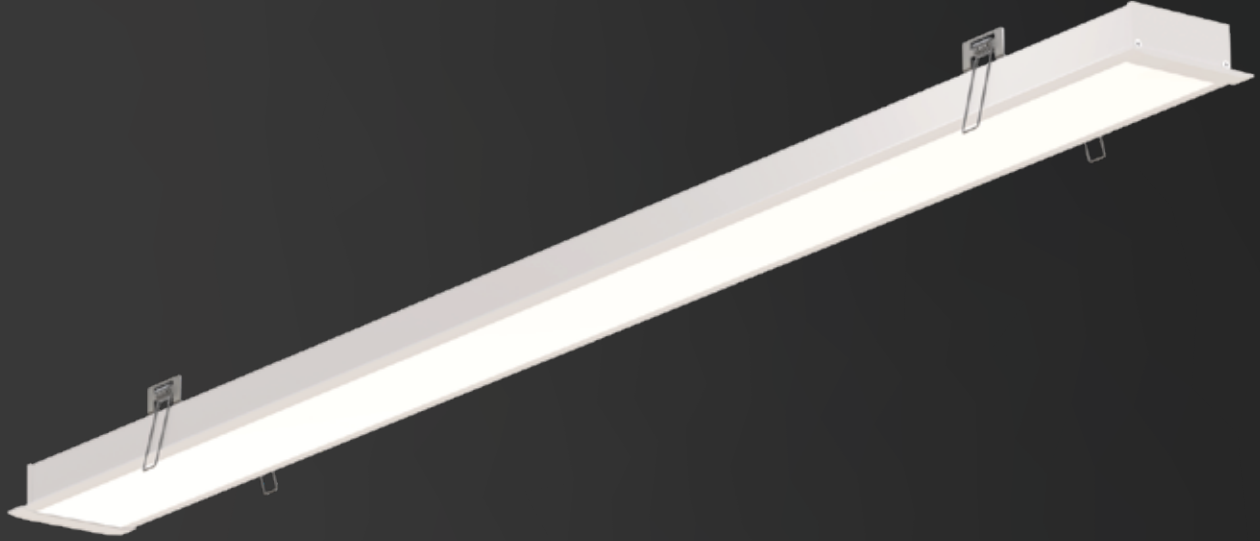
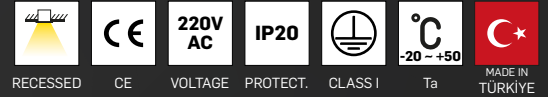




## LR12

### Linear LED Lighting

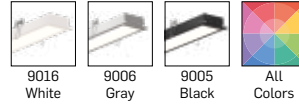
Recessed 75x36



#### HOUSING

Electrostatic powder paint coated extruded aluminum housing  
IP20 Protection  
Electrical Safety Class I

#### Body Color Options



#### OPTIC

PC diffuser with high transmissivity  
UGR (CIE Pub.117):21  
IEC/EN 62471 Photo-Biologic Protection RG0

#### Optic Options



#### LED

SMD LED with a minimum lifetime of 100.000 hours  
High color rendering (CRI>80)

#### Color Rendering Index



#### CCT

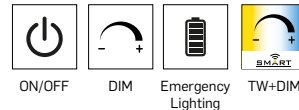


#### CONTROL

Rated Input Voltage  
Range of Input Voltage  
Frequency  
Power Factor  
Operating Temperature  
Constant Current LED Driver

220~240VAC  
176~264VAC  
50~60Hz  
PF>0.95  
-20°C ~ +50°C

#### Additional Features



Over Current Protection (OCP), Over Voltage Protectio (OVP),  
Short Circuit Protection (SCP), Over Temperature Protection (OTP)

#### STANDARDS

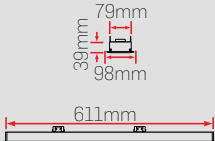
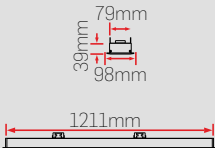
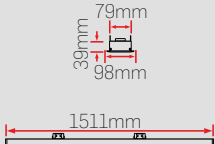
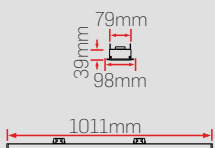
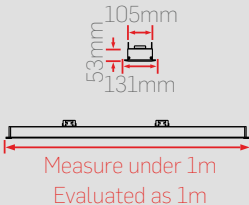
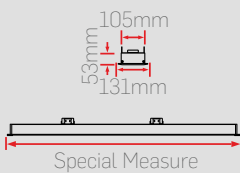
Luminaire Standarts  
Driver Standarts

EN 60598-1 - EN 60598-2-2  
LVD (EN 61347-1, EN 61347-2-13)  
EMC (EN 55015, EN 61547, EN 61000-3-2/3-3)

LR12

Linear LED Lighting

Recessed 75x36

|    |    | <table><tr><th>Power</th><th>Lum. Flux</th><th>Efficiency</th></tr><tr><td>18W</td><td>976 lm</td><td>52 lm/W</td></tr></table>    | Power | Lum. Flux | Efficiency | 18W   | 976 lm  | 52 lm/W | <table><tr><th colspan="2">Packaging Sizes</th></tr><tr><td>Width</td><td>- cm</td></tr><tr><td>Length</td><td>- cm</td></tr><tr><td>Height</td><td>- cm</td></tr><tr><td>Amount per ctn.</td><td>- pcs.</td></tr><tr><td>Ctn. weighth</td><td>- kg</td></tr><tr><td>Deci</td><td>-</td></tr></table> | Packaging Sizes |  | Width | - cm | Length | - cm | Height | - cm | Amount per ctn. | - pcs. | Ctn. weighth | - kg | Deci | - |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|-------|-----------|------------|-------|---------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--|-------|------|--------|------|--------|------|-----------------|--------|--------------|------|------|---|
| Power                                                                               | Lum. Flux                                                                           | Efficiency                                                                                                                         |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| 18W                                                                                 | 976 lm                                                                              | 52 lm/W                                                                                                                            |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Packaging Sizes                                                                     |                                                                                     |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Width                                                                               | - cm                                                                                |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Length                                                                              | - cm                                                                                |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Height                                                                              | - cm                                                                                |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Amount per ctn.                                                                     | - pcs.                                                                              |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Ctn. weighth                                                                        | - kg                                                                                |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Deci                                                                                | -                                                                                   |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
|    |    | <table><tr><th>Power</th><th>Lum. Flux</th><th>Efficiency</th></tr><tr><td>36W</td><td>2016 lm</td><td>54 lm/W</td></tr></table>   | Power | Lum. Flux | Efficiency | 36W   | 2016 lm | 54 lm/W | <table><tr><th colspan="2">Packaging Sizes</th></tr><tr><td>Width</td><td>- cm</td></tr><tr><td>Length</td><td>- cm</td></tr><tr><td>Height</td><td>- cm</td></tr><tr><td>Amount per ctn.</td><td>- pcs.</td></tr><tr><td>Ctn. weighth</td><td>- kg</td></tr><tr><td>Deci</td><td>-</td></tr></table> | Packaging Sizes |  | Width | - cm | Length | - cm | Height | - cm | Amount per ctn. | - pcs. | Ctn. weighth | - kg | Deci | - |
| Power                                                                               | Lum. Flux                                                                           | Efficiency                                                                                                                         |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| 36W                                                                                 | 2016 lm                                                                             | 54 lm/W                                                                                                                            |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Packaging Sizes                                                                     |                                                                                     |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Width                                                                               | - cm                                                                                |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Length                                                                              | - cm                                                                                |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Height                                                                              | - cm                                                                                |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Amount per ctn.                                                                     | - pcs.                                                                              |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Ctn. weighth                                                                        | - kg                                                                                |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Deci                                                                                | -                                                                                   |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
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| Power                                                                               | Lum. Flux                                                                           | Efficiency                                                                                                                         |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| 45W                                                                                 | 2418 lm                                                                             | 52 lm/W                                                                                                                            |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Packaging Sizes                                                                     |                                                                                     |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Width                                                                               | - cm                                                                                |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Length                                                                              | - cm                                                                                |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Height                                                                              | - cm                                                                                |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Amount per ctn.                                                                     | - pcs.                                                                              |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Ctn. weighth                                                                        | - kg                                                                                |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Deci                                                                                | -                                                                                   |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
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| Power                                                                               | Lum. Flux                                                                           | Efficiency                                                                                                                         |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| 45W/m                                                                               | 1533 lm                                                                             | 51 lm/W                                                                                                                            |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Packaging Sizes                                                                     |                                                                                     |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Width                                                                               | - cm                                                                                |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Length                                                                              | - cm                                                                                |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Height                                                                              | - cm                                                                                |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Amount per ctn.                                                                     | - pcs.                                                                              |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Ctn. weighth                                                                        | - kg                                                                                |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Deci                                                                                | -                                                                                   |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
|  |  | <table><tr><th>Power</th><th>Lum. Flux</th><th>Efficiency</th></tr><tr><td>30W/m</td><td>-</td><td>-</td></tr></table>             | Power | Lum. Flux | Efficiency | 30W/m | -       | -       | <table><tr><th colspan="2">Packaging Sizes</th></tr><tr><td>Width</td><td>- cm</td></tr><tr><td>Length</td><td>- cm</td></tr><tr><td>Height</td><td>- cm</td></tr><tr><td>Amount per ctn.</td><td>- pcs.</td></tr><tr><td>Ctn. weighth</td><td>- kg</td></tr><tr><td>Deci</td><td>-</td></tr></table> | Packaging Sizes |  | Width | - cm | Length | - cm | Height | - cm | Amount per ctn. | - pcs. | Ctn. weighth | - kg | Deci | - |
| Power                                                                               | Lum. Flux                                                                           | Efficiency                                                                                                                         |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| 30W/m                                                                               | -                                                                                   | -                                                                                                                                  |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Packaging Sizes                                                                     |                                                                                     |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Width                                                                               | - cm                                                                                |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Length                                                                              | - cm                                                                                |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Height                                                                              | - cm                                                                                |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Amount per ctn.                                                                     | - pcs.                                                                              |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Ctn. weighth                                                                        | - kg                                                                                |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Deci                                                                                | -                                                                                   |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
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| Power                                                                               | Lum. Flux                                                                           | Efficiency                                                                                                                         |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| 30W/m                                                                               | -                                                                                   | -                                                                                                                                  |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Packaging Sizes                                                                     |                                                                                     |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Width                                                                               | - cm                                                                                |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Length                                                                              | - cm                                                                                |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Height                                                                              | - cm                                                                                |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Amount per ctn.                                                                     | - pcs.                                                                              |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Ctn. weighth                                                                        | - kg                                                                                |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |
| Deci                                                                                | -                                                                                   |                                                                                                                                    |       |           |            |       |         |         |                                                                                                                                                                                                                                                                                                       |                 |  |       |      |        |      |        |      |                 |        |              |      |      |   |

\*\*The specified luminous flux values may vary by %10.

ORDER CODE EXPENSION

| LR12- 0120 - 036 - 8 40 S - 9005-0120- O S S S 20 |           |          |       |           |             |             |            |             |             |                |             |          |
|---------------------------------------------------|-----------|----------|-------|-----------|-------------|-------------|------------|-------------|-------------|----------------|-------------|----------|
| GROUP CODE                                        | BODY CODE | POWER    | CRI   | CCT       | EFFICIENCY  | BODY COLOR  | OPTIC      | CONTROL     | DRIVER      | KIT            | ACSESSORY   | IP       |
| LR12                                              | 0060      | 018: 18W | 8: 80 | 27: 2700K | S: Standart | 9016: White | 0120: 120° | O: ON-OFF   | S: LAMPTIME | S: Standart    | S: Standart | 20: IP20 |
|                                                   | 0120      | 036: 36W |       | 30: 3000K |             | 9006: Gray  |            | D: DALI     |             | 3: 3 Hours Kit |             |          |
|                                                   | 0150      | 045: 45W |       | 40: 4000K |             | 9005: Black |            | W: Smart TW |             |                |             |          |
|                                                   | D100      |          |       | 65: 6500K |             |             |            |             |             |                |             |          |