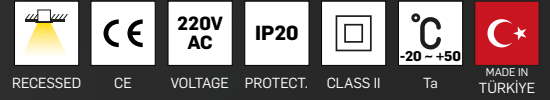




## DC12

### COB Downlight LED Lighting

Square Recessed



#### HOUSING

Electrostatic powder paint coated die cast aluminum housing  
IP20 Protection  
Electrical Safety Class II

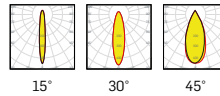
#### Body Color Options



#### OPTIC

Aluminium Reflector  
UGR (CIE Pub.117):11  
IEC/EN 62471 Photo-Biologic Protection RG0

#### Optic Options



#### LED

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

#### Color Rendering Index

80<sup>+</sup>  
Ra>80

#### CCT

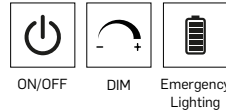


#### CONTROL

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

220~240VAC  
176~264 VAC  
50~60Hz  
PF>0.60 (P≤25W) / PF>0.95 (P≥25W)  
-20°C ~ +50°C  
Over Current Protection (OCP), Over Voltage Protectio (OVP),  
Short Circuit Protection (SCP), Over Temperature Protection (OTP)

#### Additional Features

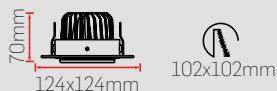
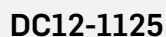


#### STANDARDS

Luminaire Standarts  
Driver Standarts

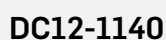
EN 60598-1 - EN 60598-2-2  
LVD (EN 61347-1, EN 61347-2-13)  
EMC (EN 55015, EN 61547, EN 61000-3-2/3-3)

Square Recessed



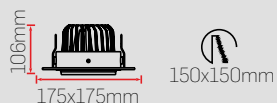
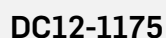
| Power | Lum. Flux | Efficiency |
|-------|-----------|------------|
| 8W    | - lm      | - lm/W     |
| GU10  | - lm      | - lm/W     |

| Packaging Sizes |        |
|-----------------|--------|
| Width           | - cm   |
| Length          | - cm   |
| Height          | - cm   |
| Amount per ctn. | - pcs. |
| Ctn. weight     | - kg   |
| Deci            | -      |



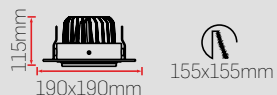
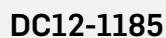
| Power | Lum. Flux | Efficiency |
|-------|-----------|------------|
| 20W   | - lm      | - lm/W     |

| Packaging Sizes |        |
|-----------------|--------|
| Width           | - cm   |
| Length          | - cm   |
| Height          | - cm   |
| Amount per ctn. | - pcs. |
| Ctn. weight     | - kg   |
| Deci            | -      |



| Power | Lum. Flux | Efficiency |
|-------|-----------|------------|
| 30W   | - lm      | - lm/W     |

| Packaging Sizes |        |
|-----------------|--------|
| Width           | - cm   |
| Length          | - cm   |
| Height          | - cm   |
| Amount per ctn. | - pcs. |
| Ctn. weight     | - kg   |
| Deci            | -      |



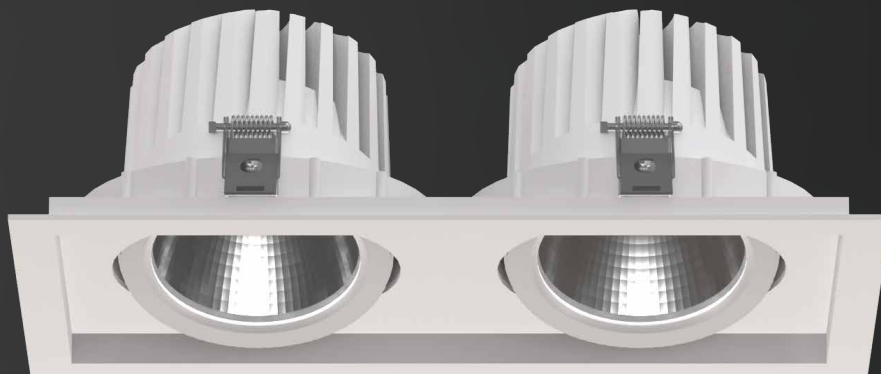
| Power | Lum. Flux | Efficiency |
|-------|-----------|------------|
| 40W   | - lm      | - lm/W     |

| Packaging Sizes |        |
|-----------------|--------|
| Width           | - cm   |
| Length          | - cm   |
| Height          | - cm   |
| Amount per ctn. | - pcs. |
| Ctn. weight     | - kg   |
| Deci            | -      |

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

DC12- 1175 - 030 - 8      40      S      -9016-0030- 0      S      S      S      20

| GROUP CODE | BODY CODE | POWER     | CRI   | CCT       | EFFICIENCY  | BODY COLOR  | OPTIC     | CONTROL              | DRIVER                  | KIT                           | ACCESSORY   | IP       |
|------------|-----------|-----------|-------|-----------|-------------|-------------|-----------|----------------------|-------------------------|-------------------------------|-------------|----------|
| DC12       | 1125      | 008: 8W   | 8: 80 | 27: 2700K | S: Standard | 9016: White | 0015: 15" | 0: ON-OFF<br>D: DALI | S: LAMPTIME<br>E: Other | S: Standard<br>3: 3 Hours Kit | S: Standard | 20: IP20 |
|            | 1140      | G10: GU10 |       | 30: 3000K |             | 9006: Gray  | 0030: 30" |                      |                         |                               |             |          |
|            | 1175      | 020: 20W  |       | 40: 4000K |             | 9005: Black | 0045: 45" |                      |                         |                               |             |          |
|            | 1185      | 030: 30W  |       | 65: 6500K |             |             |           |                      |                         |                               |             |          |
|            |           | 040: 40W  |       |           |             |             |           |                      |                         |                               |             |          |



## DC12

### COB Downlight LED Lighting

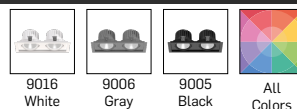
Square Recessed



#### HOUSING

Electrostatic powder paint coated die cast aluminum housing  
IP20 Protection  
Electrical Safety Class II

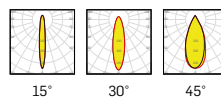
#### Body Color Options



#### OPTIC

Aluminium Reflector  
UGR (CIE Pub.117):11  
IEC/EN 62471 Photo-Biologic Protection RG0

#### Optic Options



#### Reflector Colors

#### LED

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

#### Color Rendering Index



#### CCT

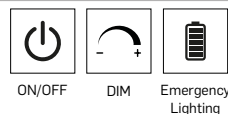


#### CONTROL

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

220~240VAC  
176~264 VAC  
50~60Hz  
PF>0.60 (P≤25W) / PF>0.95 (P≥25W)  
-20°C ~ +50°C  
Over Current Protection (OCP), Over Voltage Protectio (OVP),  
Short Circuit Protection (SCP), Over Temperature Protection (OTP)

#### Additional Features



#### 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)

Square Recessed



| Power  | Lum. Flux | Efficiency |
|--------|-----------|------------|
| 2x8W   | - lm      | - lm/W     |
| 2xGU10 | - lm      | - lm/W     |

| Packaging Sizes |        |
|-----------------|--------|
| Width           | - cm   |
| Length          | - cm   |
| Height          | - cm   |
| Amount per ctn. | - pcs. |
| Ctn. weight     | - kg   |
| Deci            | -      |



| Power | Lum. Flux | Efficiency |
|-------|-----------|------------|
| 2x20W | - lm      | - lm/W     |

| Packaging Sizes |        |
|-----------------|--------|
| Width           | - cm   |
| Length          | - cm   |
| Height          | - cm   |
| Amount per ctn. | - pcs. |
| Ctn. weight     | - kg   |
| Deci            | -      |



| Power | Lum. Flux | Efficiency |
|-------|-----------|------------|
| 2x30W | - lm      | - lm/W     |

| Packaging Sizes |        |
|-----------------|--------|
| Width           | - cm   |
| Length          | - cm   |
| Height          | - cm   |
| Amount per ctn. | - pcs. |
| Ctn. weight     | - kg   |
| Deci            | -      |



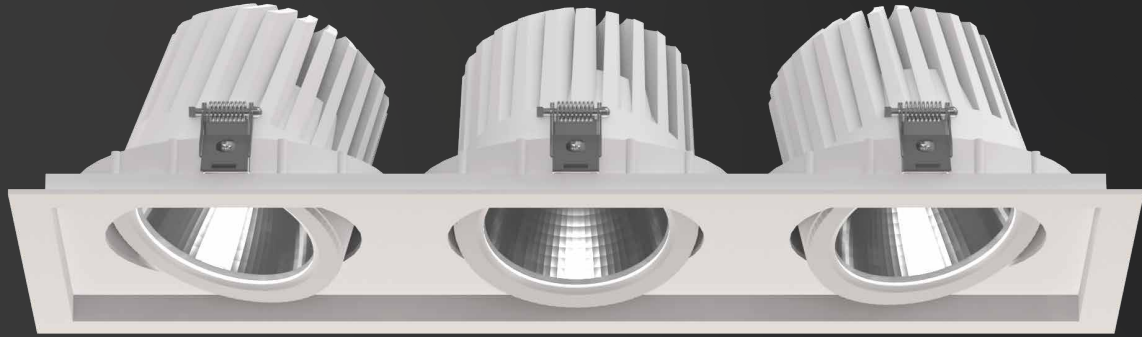
| Power | Lum. Flux | Efficiency |
|-------|-----------|------------|
| 2x40W | - lm      | - lm/W     |

| Packaging Sizes |        |
|-----------------|--------|
| Width           | - cm   |
| Length          | - cm   |
| Height          | - cm   |
| Amount per ctn. | - pcs. |
| Ctn. weight     | - kg   |
| Deci            | -      |

## ORDER CODE EXPENSION

DC12- 2175 - 030 - 8      40      S      -9016-0030- 0      S      S      S      20

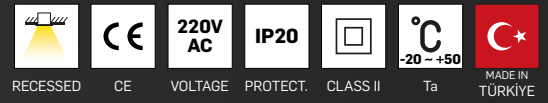
| GROUP CODE | BODY CODE | POWER     | CRI   | CCT       | EFFICIENCY  | BODY COLOR  | OPTIC     | CONTROL              | DRIVER                  | KIT                           | ACCESSORY   | IP       |
|------------|-----------|-----------|-------|-----------|-------------|-------------|-----------|----------------------|-------------------------|-------------------------------|-------------|----------|
| DC12       | 2125      | 008: 8W   | 8: 80 | 27: 2700K | S: Standard | 9016: White | 0015: 15° | 0: ON-OFF<br>D: DALI | S: LAMPTIME<br>E: Other | S: Standard<br>3: 3 Hours Kit | S: Standard | 20: IP20 |
|            | 2140      | G10: GU10 |       | 30: 3000K |             | 9006: Gray  | 0030: 30° |                      |                         |                               |             |          |
|            | 2175      | 020: 20W  |       | 40: 4000K |             | 9005: Black | 0045: 45° |                      |                         |                               |             |          |
|            | 2185      | 030: 30W  |       | 65: 6500K |             |             |           |                      |                         |                               |             |          |
|            |           | 040: 40W  |       |           |             |             |           |                      |                         |                               |             |          |



## DC12

### COB Downlight LED Lighting

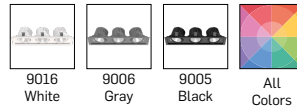
Square Recessed



#### HOUSING

Electrostatic powder paint coated die cast aluminum housing  
IP20 Protection  
Electrical Safety Class II

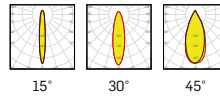
#### Body Color Options



#### OPTIC

Aluminium Reflector  
UGR (CIE Pub.117):11  
IEC/EN 62471 Photo-Biologic Protection RG0

#### Optic Options



#### Reflector Colors

#### LED

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

#### Color Rendering Index



#### CCT

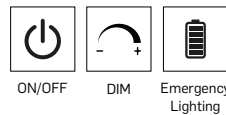


#### CONTROL

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

220~240VAC  
176~264 VAC  
50~60Hz  
PF>0.60 (P≤25W) / PF>0.95 (P≥25W)  
-20°C ~ +50°C  
Over Current Protection (OCP), Over Voltage Protectio (OVP),  
Short Circuit Protection (SCP), Over Temperature Protection (OTP)

#### Additional Features



#### 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)

Square Recessed



**DC12-3125**



| Power  | Lum. Flux | Efficiency |
|--------|-----------|------------|
| 3x8W   | - lm      | - lm/W     |
| 2xGU10 | - lm      | - lm/W     |

| Packaging Sizes |        |
|-----------------|--------|
| Width           | - cm   |
| Length          | - cm   |
| Height          | - cm   |
| Amount per ctn. | - pcs. |
| Ctn. weight     | - kg   |
| Deci            | -      |

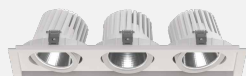


**DC12-3140**



| Power | Lum. Flux | Efficiency |
|-------|-----------|------------|
| 3x20W | - lm      | - lm/W     |

| Packaging Sizes |        |
|-----------------|--------|
| Width           | - cm   |
| Length          | - cm   |
| Height          | - cm   |
| Amount per ctn. | - pcs. |
| Ctn. weight     | - kg   |
| Deci            | -      |

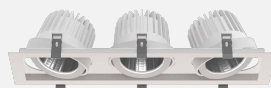


**DC12-3175**



| Power | Lum. Flux | Efficiency |
|-------|-----------|------------|
| 3x30W | - lm      | - lm/W     |

| Packaging Sizes |        |
|-----------------|--------|
| Width           | - cm   |
| Length          | - cm   |
| Height          | - cm   |
| Amount per ctn. | - pcs. |
| Ctn. weight     | - kg   |
| Deci            | -      |



**DC12-3185**



| Power | Lum. Flux | Efficiency |
|-------|-----------|------------|
| 3x40W | - lm      | - lm/W     |

| Packaging Sizes |        |
|-----------------|--------|
| Width           | - cm   |
| Length          | - cm   |
| Height          | - cm   |
| Amount per ctn. | - pcs. |
| Ctn. weight     | - kg   |
| Deci            | -      |

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

## ORDER CODE EXPANSION

DC12- 3175 - 030 - 8 40 S -9016-0030- 0 S S S 20

| GROUP CODE | BODY CODE | POWER     | CRI   | CCT       | EFFICIENCY  | BODY COLOR  | OPTIC     | CONTROL              | DRIVER                  | KIT                           | ACCESSORY   | IP       |
|------------|-----------|-----------|-------|-----------|-------------|-------------|-----------|----------------------|-------------------------|-------------------------------|-------------|----------|
| DC12       | 3125      | 008: 8W   | 8: 80 | 27: 2700K | S: Standard | 9016: White | 0015: 15° | 0: ON-OFF<br>D: DALI | S: LAMPTIME<br>E: Other | S: Standard<br>3: 3 Hours Kit | S: Standard | 20: IP20 |
|            | 3140      | G10: GU10 |       | 30: 3000K |             | 9006: Gray  | 0030: 30° |                      |                         |                               |             |          |
|            | 3175      | 020: 20W  |       | 40: 4000K |             | 9005: Black | 0045: 45° |                      |                         |                               |             |          |
|            | 3185      | 030: 30W  |       | 65: 6500K |             |             |           |                      |                         |                               |             |          |
|            |           | 040: 40W  |       |           |             |             |           |                      |                         |                               |             |          |