

LED ECO DOWNLIGHT GEN2



Highlights:

- Various sizes and CCT
- Waterproof for front side
- Flicker free
- Long 25,000hr lifetime

Application Areas:

- Offices
- Shops
- Hotels
- Restaurants
- Corridors

Advancing Light

One of the World's leaders in general lighting for lighting professionals as well as end users, offering



A broad variety of LED luminaires



Advanced LED lamps



Intelligent, networked Smart Home & Smart Building solutions



Traditional light sources



LED ECO DOWNLIGHT GEN2



Product Features:

- Available in 6 different sizes of recessed round shape: 3", 3.5", 4", 5", 6", 8"
- Available in 2 different sizes of surfaced mounted round shape: 6", 8"
- Standard CCT: 3000K, 4000K & 6500K
- IP44 for front side
- Power factor: PF>0.50
- Flicker free driver
- EMC suppression circuit in driver
- Safety compliance certificates: CB, EU RoHS 2.0

Product Benefits:

- Various sizes and CCT provide more options
- Waterproof for front side, suitable for humid environment
- Intergraded surfaced mounted design
- Direct connection to AC power supply thanks to integrated control gear
- Long 25,000hr lifetime reduces maintenance costs



Application Areas:

- Offices
- Shops
- Hotels
- Restaurants
- Corridors

Product Information

Recessed round shape

| LED ECO DOWNLIGHT G2 | | 3" 4W | 3.5" 6W | 3.5" 6W HO | 4" 8W | 4" 8W HO | 5" 12W | 6" 18W | 8" 24W |
|--------------------------|-----------------------|----------------------------|--------------------|--------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Electrical Data | Wattage | 4W | 6W | 6W | 8W | 8W | 12W | 18W | 24W |
| | Voltage range | 220 - 240V AC | | | | | | | |
| | Power factor | 0.5 | | | | | | | |
| | Displacement factor | 0.7 | | | | | | | |
| | Input current | 30mA | 45mA | 45mA | 60mA | 60mA | 95mA | 145mA | 195mA |
| | Line frequency | 50/60Hz | | | | | | | |
| | Surge Protection | > 500V | | | | | | | |
| | Protection class | Class II | | | | | | | |
| Optical / Photometric | Rated lumens | 300lm | 480lm | 600lm | 680lm | 800lm | 1020lm | 1620lm | 2160lm |
| | CCT | 3000K / 4000K / 6500K | | | | | | | |
| | CRI | > 80 | | | | | | | |
| | SDCM | < 6 | | | | | | | |
| | System lumen efficacy | 75lm/W | 80lm/W | 100lm/W | 85lm/W | 100lm/W | 85lm/W | 90lm/W | 90lm/W |
| | LED | SMD 2835 | | | | | | | |
| | Rated lifetime | 25,000 hrs @ L70 (Ta=25°C) | | | | | | | |
| | Operating temperature | -20 ~ +40°C | | | | | | | |
| | Storage temperature | -20 ~ +80°C | | | | | | | |
| Housing | Housing | Plastic | | | | | | | |
| | Size (D x H) | 90X42m m | 105X42 mm | 105X42 mm | 115X42 mm | 115X42 mm | 140X42 mm | 165X42 mm | 215X43 mm |
| | Cut out | 3-inch 75±5mm | 3.5-inch 90±5mm | 3.5-inch 90±5mm | 4-inch 100±5m m | 4-inch 100±5m m | 5-inch 125±5m m | 6-inch 150±5m m | 8-inch 200±5m m |



Product Information

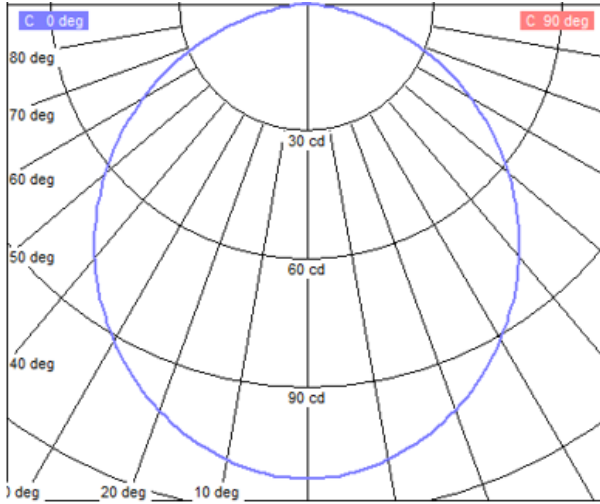
Surface mounted round shape

| LED ECO DOWNLIGHT G2 | | 6" 18W | 8" 24W |
|-----------------------|-----------------------|----------------------------|----------|
| Electrical Data | Wattage | 18W | 24W |
| | Voltage range | 220 - 240V AC | |
| | Power factor | 0.5 | |
| | Displacement factor | 0.7 | |
| | Input current | 145mA | 195mA |
| | Line frequency | 50/60Hz | |
| | Surge Protection | > 500V | |
| | Protection class | Class II | |
| Optical / Photometric | Rated lumens | 1620lm | 2160lm |
| | CCT | 3000K / 4000K / 6500K | |
| | CRI | > 80 | |
| | SDCM | < 6 | |
| | System lumen efficacy | 90lm/W | 90lm/W |
| | LED | SMD 2835 | |
| | Rated lifetime | 25,000 hrs @ L70 (Ta=25°C) | |
| | Operating temperature | -20 ~ +40°C | |
| Storage temperature | -20 ~ +80°C | | |
| Housing | Housing | Plastic | |
| | Size (D x H) | 165X48mm | 215X49mm |

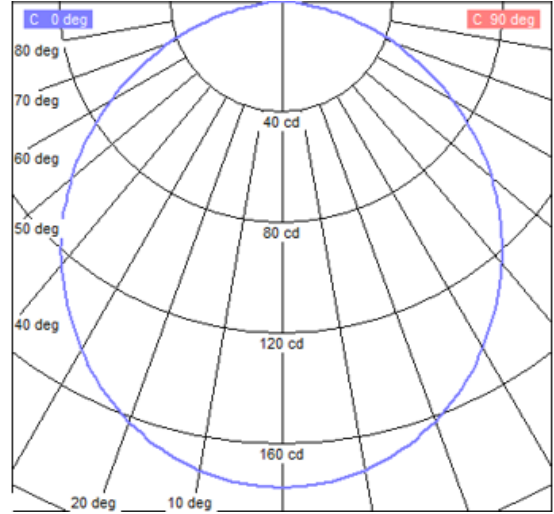


Polar Intensity Diagram

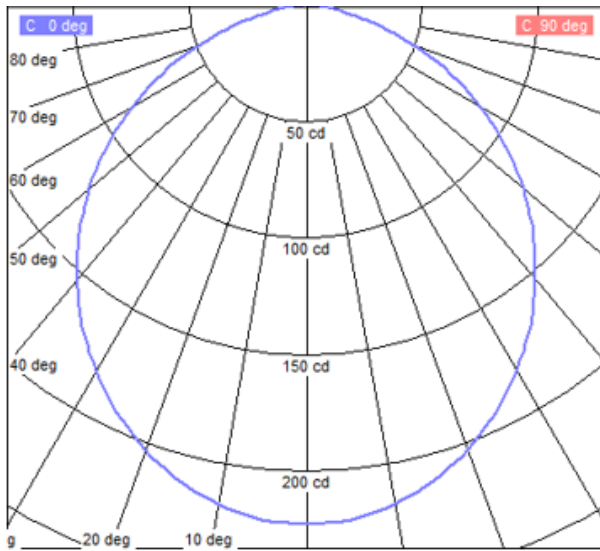
3" 4W



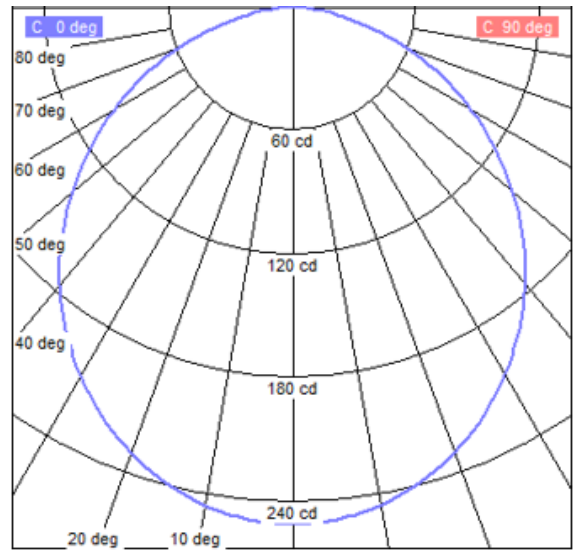
3.5" 6W



3.5" 6W HO



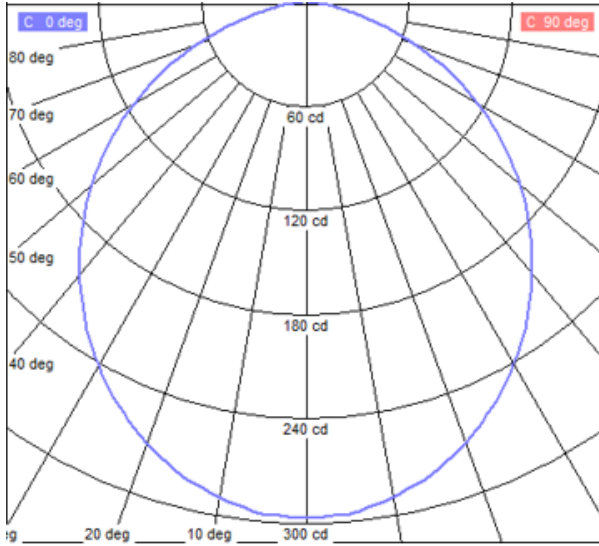
4" 8W



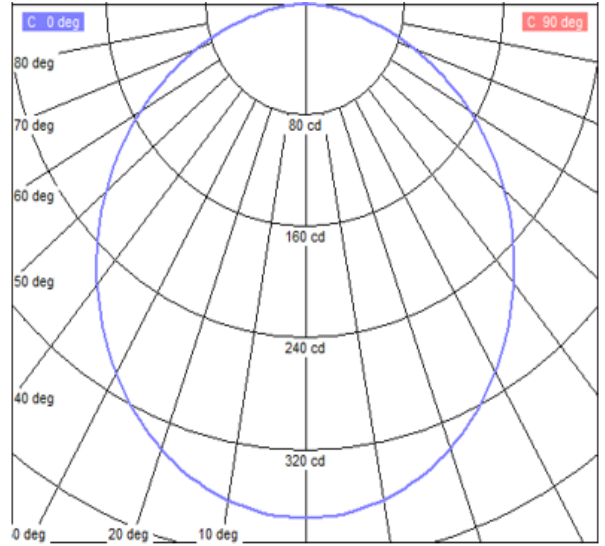


Polar Intensity Diagram

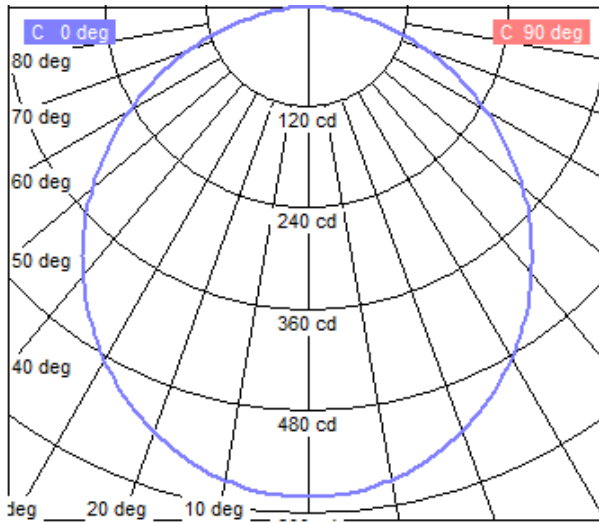
4" 8W HO



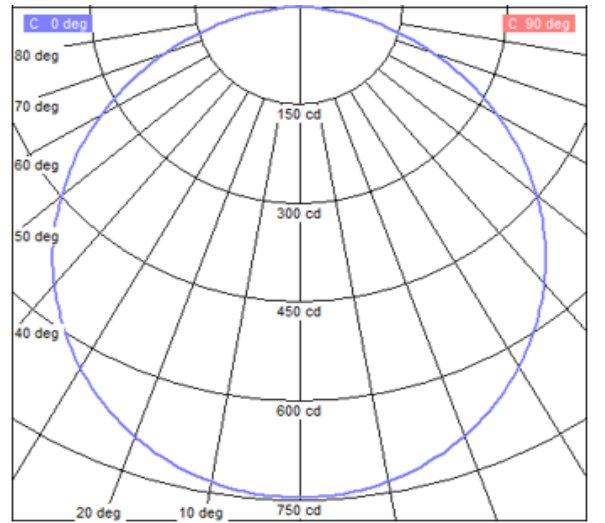
5" 12W



6" 18W

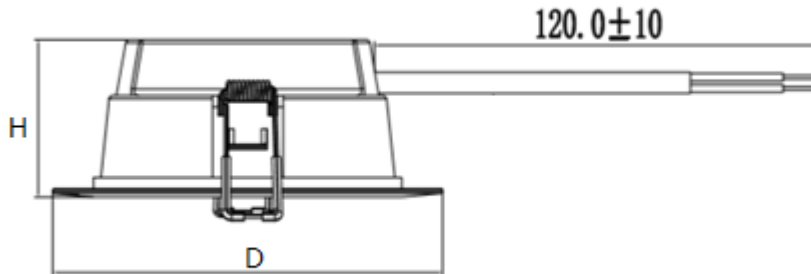



8" 24W





Drawing/Dimensions



| Description | D (mm) | H (mm) |  (mm) | Weight (g) |
|--------------------------------|--------|--------|--|------------|
| LED ECO DOWNLIGHT R30 4W G2 | 90 | 42 | 75±5 | 50 |
| LED ECO DOWNLIGHT R35 6W G2 | 105 | 42 | 90±5 | 62 |
| LED ECO DOWNLIGHT R35 6W HO G2 | 105 | 42 | 90±5 | 62 |
| LED ECO DOWNLIGHT R40 8W G2 | 115 | 42 | 100±5 | 70 |
| LED ECO DOWNLIGHT R40 8W HO G2 | 115 | 42 | 100±5 | 70 |
| LED ECO DOWNLIGHT R50 12W G2 | 140 | 42 | 125±5 | 113 |
| LED ECO DOWNLIGHT R60 18W G2 | 165 | 42 | 150±5 | 170 |
| LED ECO DOWNLIGHT R80 24W G2 | 215 | 43 | 200±5 | 252 |
| LED ECO DOWNLIGHT SR60 18W G2 | 165 | 48 | -- | 250 |
| LED ECO DOWNLIGHT SR80 24W G2 | 215 | 49 | -- | 360 |



Ordering Information

Recessed round shape

| Description | Model Number | Shipping quantity | EAN10 | EAN40 |
|--|-----------------------|-------------------|---------------|---------------|
| LDECO DL R30 4W 830 G2 48X1 EN LEDV | E-DL-R30-4W-G2-830 | 48 | 4058075680579 | 4058075680586 |
| LDECO DL R30 4W 840 G2 48X1 EN LEDV | E-DL-R30-4W-G2-840 | 48 | 4058075680593 | 4058075680609 |
| LDECO DL R30 4W 865 G2 48X1 EN LEDV | E-DL-R30-4W-G2-865 | 48 | 4058075680616 | 4058075680623 |
| LDECO DL R35 6W 830 G2 80X1 EN LEDV | E-DL-R35-6W-G2-830 | 80 | 4058075680630 | 4058075680647 |
| LDECO DL R35 6W 840 G2 80X1 EN LEDV | E-DL-R35-6W-G2-840 | 80 | 4058075680654 | 4058075680661 |
| LDECO DL R35 6W 865 G2 80X1 EN LEDV | E-DL-R35-6W-G2-865 | 80 | 4058075680678 | 4058075680685 |
| LDECO DL R40 8W 830 G2 60X1 EN LEDV | E-DL-R40-8W-G2-830 | 60 | 4058075680692 | 4058075680708 |
| LDECO DL R40 8W 840 G2 60X1 EN LEDV | E-DL-R40-8W-G2-840 | 60 | 4058075680715 | 4058075680722 |
| LDECO DL R40 8W 865 G2 60X1 EN LEDV | E-DL-R40-8W-G2-865 | 60 | 4058075680739 | 4058075680746 |
| LDECO DL R50 12W 830 G2 60X1 EN LEDV | E-DL-R50-12W-G2-830 | 60 | 4058075680753 | 4058075680760 |
| LDECO DL R50 12W 840 G2 60X1 EN LEDV | E-DL-R50-12W-G2-840 | 60 | 4058075680777 | 4058075680784 |
| LDECO DL R50 12W 865 G2 60X1 EN LEDV | E-DL-R50-12W-G2-865 | 60 | 4058075680791 | 4058075680807 |
| LDECO DL R60 18W 830 G2 40X1 EN LEDV | E-DL-R60-18W-G2-830 | 40 | 4058075680838 | 4058075680845 |
| LDECO DL R60 18W 840 G2 40X1 EN LEDV | E-DL-R60-18W-G2-840 | 40 | 4058075680852 | 4058075680869 |
| LDECO DL R60 18W 865 G2 40X1 EN LEDV | E-DL-R60-18W-G2-865 | 40 | 4058075680876 | 4058075680883 |
| LDECO DL R80 24W 830 G2 40X1 EN LEDV | E-DL-R80-24W-G2-830 | 40 | 4058075680913 | 4058075680920 |
| LDECO DL R80 24W 840 G2 40X1 EN LEDV | E-DL-R80-24W-G2-840 | 40 | 4058075680937 | 4058075680944 |
| LDECO DL R80 24W 865 G2 40X1 EN LEDV | E-DL-R80-24W-G2-865 | 40 | 4058075680951 | 4058075680968 |
| LDECO DL R35 6W HO 830 G2 80X1 EN LEDV | E-DL-R35-6W-HO-G2-830 | 80 | 4058075680975 | 4058075680982 |
| LDECO DL R35 6W HO 840 G2 80X1 EN LEDV | E-DL-R35-6W-HO-G2-840 | 80 | 4058075680999 | 4058075681002 |
| LDECO DL R35 6W HO 865 G2 80X1 EN LEDV | E-DL-R35-6W-HO-G2-865 | 80 | 4058075681019 | 4058075681026 |
| LDECO DL R40 8W HO 830 G2 60X1 EN LEDV | E-DL-R40-8W-HO-G2-830 | 60 | 4058075681033 | 4058075681040 |
| LDECO DL R40 8W HO 840 G2 60X1 EN LEDV | E-DL-R40-8W-HO-G2-840 | 60 | 4058075681057 | 4058075681064 |
| LDECO DL R40 8W HO 865 G2 60X1 EN LEDV | E-DL-R40-8W-HO-G2-865 | 60 | 4058075681071 | 4058075681088 |



Ordering Information

Surface mounted round shape

| Description | Model Number | Shipping quantity | EAN10 | EAN40 |
|---------------------------------------|----------------------|-------------------|---------------|---------------|
| LDECO DL SR60 18W 830 G2 40X1 EN LEDV | E-DL-SR60-18W-G2-830 | 40 | 4058075681095 | 4058075681101 |
| LDECO DL SR60 18W 840 G2 40X1 EN LEDV | E-DL-SR60-18W-G2-840 | 40 | 4058075681118 | 4058075681125 |
| LDECO DL SR60 18W 865 G2 40X1 EN LEDV | E-DL-SR60-18W-G2-865 | 40 | 4058075681132 | 4058075681149 |
| LDECO DL SR80 24W 830 G2 40X1 EN LEDV | E-DL-SR80-24W-G2-830 | 40 | 4058075681156 | 4058075681163 |
| LDECO DL SR80 24W 840 G2 40X1 EN LEDV | E-DL-SR80-24W-G2-840 | 40 | 4058075681170 | 4058075681187 |
| LDECO DL SR80 24W 865 G2 40X1 EN LEDV | E-DL-SR80-24W-G2-865 | 40 | 4058075681194 | 4058075681200 |