

DISCHARGE LAMPS – CERAMIC METAL HALIDE HCLI-T G12

| | Single circuit wiring | FLUX DECAY | RoHS | | | | | | | | | |
|-------|--|-----------------------|-----------------------------|-------------------|-----|------------------------|-----------------------|------|------------------------|-----------------------|--|--|
| | | | | | | | | | | | | |
| | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>POWER</th> <th>EXTERNAL LENGTH</th> <th>EXTERNAL DIAMETER</th> </tr> </thead> <tbody> <tr> <td>70W</td> <td>100⁺⁰⁻³ mm</td> <td>20⁺⁰⁻¹ mm</td> </tr> <tr> <td>150W</td> <td>110⁺⁰⁻³ mm</td> <td>20⁺⁰⁻¹ mm</td> </tr> </tbody> </table> | POWER | EXTERNAL LENGTH | EXTERNAL DIAMETER | 70W | 100 ⁺⁰⁻³ mm | 20 ⁺⁰⁻¹ mm | 150W | 110 ⁺⁰⁻³ mm | 20 ⁺⁰⁻¹ mm | | |
| POWER | EXTERNAL LENGTH | EXTERNAL DIAMETER | | | | | | | | | | |
| 70W | 100 ⁺⁰⁻³ mm | 20 ⁺⁰⁻¹ mm | | | | | | | | | | |
| 150W | 110 ⁺⁰⁻³ mm | 20 ⁺⁰⁻¹ mm | | | | | | | | | | |

| | |
|--|---|
| Clear tubular bulb, operating with external ballast and igniter, burner made by sintered aluminium oxide | |
| Cap | G12 |
| Pulse Igniter specifics | Nominal frequency 50-60Hz; Ignition Voltage: 3.5 ÷ 5.0kV |
| Supply voltage | 220÷250V 50-60Hz for appropriately rated series choke ballast. Supplies outside this range require a transformer to ensure correct lamp operation. A high current protection device is mandatory inside the control gear (IEC 1167) |
| Operating position | Universal |
| External bulb made by UV-stop quartz | |
| Lamps for closed luminaires (anti shattering shield required) | |
| Minimum starting ambient temperature | -15°C |
| Max permissible cap temperature | 250°C |
| Max permissible bulb temperature | 550°C |
| The lamp shall not be operated when the outer bulb is broken | |
| Average Lifetime | 12.000 hours |

| Item code | Lamp Power (W) | Lamp Current (A) | Lamp Voltage (V) | Luminous Flux (lm) | T _c (K) | R _a | Spectral Power Distribution | | | | | | | | | | |
|-----------------------|----------------|------------------|--------------------|--------------------|--------------------|----------------|--|-----------------------|---|---|--------------------|----------------|-----|------|------|------|----|
| FLDT0VK1V | 70 | 0.95 ÷ 1.4 | 85±15 | 6000 | 3000 (WDL) | 81 ÷ 90 | <table border="1" style="width: 100%; font-size: small;"> <thead> <tr> <th>Spectral Distribution</th> <th>X</th> <th>Y</th> <th>T_c (K)</th> <th>R_a</th> </tr> </thead> <tbody> <tr> <td>C20</td> <td>0,45</td> <td>0,41</td> <td>3000</td> <td>82</td> </tr> </tbody> </table> | Spectral Distribution | X | Y | T _c (K) | R _a | C20 | 0,45 | 0,41 | 3000 | 82 |
| Spectral Distribution | X | Y | T _c (K) | R _a | | | | | | | | | | | | | |
| C20 | 0,45 | 0,41 | 3000 | 82 | | | | | | | | | | | | | |
| FLDT5VK1V | 150 | 1.8 ÷ 2.5 | 95±15 | 12000 | 3000 (WDL) | 81 ÷ 90 | | | | | | | | | | | |
| FLDT0VK9V | 70 | 0.95 ÷ 1.4 | 85±15 | 6000 | 4200 (NDL) | 85 ÷ 94 | <table border="1" style="width: 100%; font-size: small;"> <thead> <tr> <th>Spectral Distribution</th> <th>X</th> <th>Y</th> <th>T_c (K)</th> <th>R_a</th> </tr> </thead> <tbody> <tr> <td>C21</td> <td>0,37</td> <td>0,37</td> <td>4200</td> <td>92</td> </tr> </tbody> </table> | Spectral Distribution | X | Y | T _c (K) | R _a | C21 | 0,37 | 0,37 | 4200 | 92 |
| Spectral Distribution | X | Y | T _c (K) | R _a | | | | | | | | | | | | | |
| C21 | 0,37 | 0,37 | 4200 | 92 | | | | | | | | | | | | | |
| FLDT5VK9V | 150 | 1.8 ÷ 2.5 | 95±15 | 12000 | 4200 (NDL) | 85 ÷ 94 | | | | | | | | | | | |

European Standards: CEI EN 62035; CEI EN 61167
European Directives: 2006/95; 2002/95; 2002/96; 93/68