



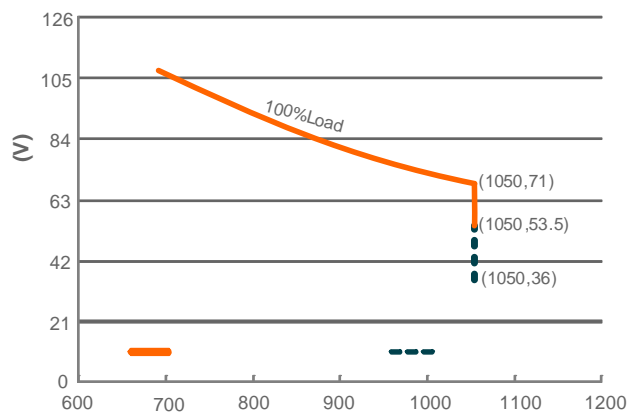
EDC-075S105SV2

75W

140-305 Vac

| (mA)     | (Vdc)  | (W) | (1)   | (1)  | (2)(3)         |
|----------|--------|-----|-------|------|----------------|
| 700-1050 | 36-107 | 75  | 90.0% | 0.96 | EDC-075S105SV2 |

- 1 220 Vac 100%
- 2 : 220-240Vac
- 3 100-305Vac 100-140Vac





|                    | 140 Vac | - | 305 Vac                |   |
|--------------------|---------|---|------------------------|---|
|                    | 47 Hz   |   | 63 Hz                  |   |
|                    | -       | - | 0.70 mA                | IEC 60598-1; 240Vac/60Hz                        |
|                    | -       | - | 0.43 A                 | 100% 220Vac                                     |
| (I <sup>2</sup> t) | -       | - | 0.006 A <sup>2</sup> s | 220Vac 25°C<br>10%Ipk-10%Ipk =45.6 μs           |
|                    | 0.90    | - | -                      | At 200-277Vac, 50-60Hz, 75%-100%<br>(56.25~75W) |
|                    | -       | - | 20%                    |   |
|                    | -       | - | 10%                    | At 220-240Vac, 50-60Hz, 75%-100%<br>(56.25~75W) |

|                           | -8%Io  | -        | 8%Io     | 100%             |
|---------------------------|--------|----------|----------|------------------|
| (IoSet)<br>EDC-075S105SV2 | 700 mA | -        | 1050 mA  |                  |
|                           | -      | -        | 10%IoMax | 100%             |
| EDC-075S105SV2            | -      | -        | 150V     |                  |
|                           | -      | -        | ±5.0%    | 100%             |
|                           | -      | -        | ±5.0%    |                  |
|                           | -      | -        | 0.5 s    | 220Vac, 75%-100% |
|                           | -      | 0.06%/°C | -        | = 0°C~Tc         |

Cree XLamp XP-G2

|--|--|--|--|--|

|                             |       |       |   |      |      |
|-----------------------------|-------|-------|---|------|------|
| @220Vac::<br>EDC-075S105SV2 |       |       |   | 100% | 25°C |
| Io= 700 mA                  | 88.0% | 90.0% | - |      |      |
| Io=1050 mA                  | 87.5% | 89.5% | - |      |      |



|                            |                                       |       |                                       |  |
|----------------------------|---------------------------------------|-------|---------------------------------------|--|
|                            |                                       |       |                                       |  |
| (L x W x H)<br>(L x W x H) | 4.49 x 2.36 x 1.31<br>114 x 60 x 33.2 |       | 5.16 x 2.36 x 1.31<br>131 x 60 x 33.2 |  |
|                            | -                                     | 460 g | -                                     |  |

Cree XLamp XP-G2

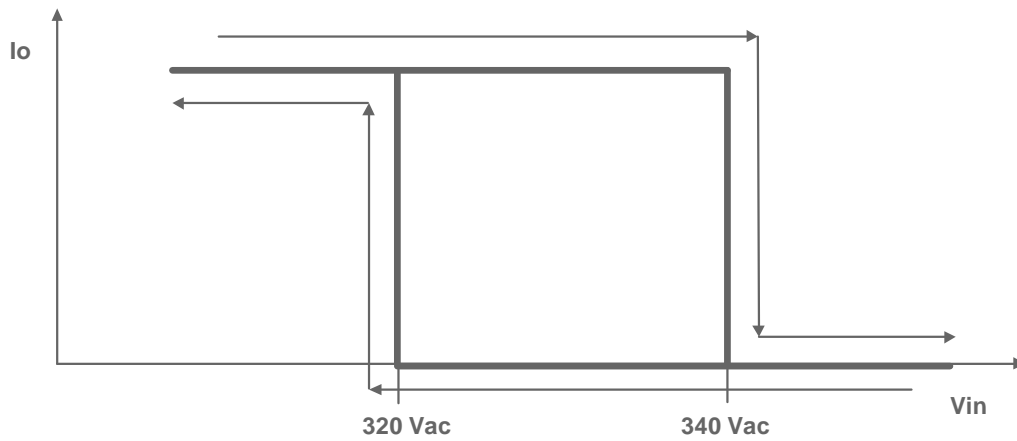
|                             |  |
|-----------------------------|--|
|                             |  |
| CE                          | EN 61347-1, EN 61347-2-13  |
| CB                          | IEC 61347-1, IEC 61347-2-13  |
| KS                          | KS C 7655  |
| <b>EMI</b>                  |  |
| EN IEC 55015 <sup>(1)</sup> | Conducted emission Test & Radiated emission Test                             |
| EN IEC 61000-3-2            | Harmonic current emissions   |
| EN 61000-3-3                | Voltage fluctuations & flicker   |
| <b>EMS</b>                  |  |
| EN 61000-4-2                | Electrostatic Discharge (ESD): 8 kV air discharge, 4 kV contact discharge    |
| EN 61000-4-3                | Radio-Frequency Electromagnetic Field Susceptibility Test-RS                 |
| EN 61000-4-4                | Electrical Fast Transient / Burst-EFT  |
| EN 61000-4-5                | Surge Immunity Test: AC Power Line: Differential Mode 4 kV, Common Mode 6 kV |
| EN 61000-4-6                | Conducted Radio Frequency Disturbances Test-CS                               |
| EN 61000-4-8                | Power Frequency Magnetic Field Test  |
| EN 61000-4-11               | Voltage Dips   |
| EN 61547                    | Electromagnetic Immunity Requirements Applies To Lighting Equipment          |

1 EMI ( ) EMI

**75W IP66/IP67**



|      |  |         |         |         |    |
|------|--|---------|---------|---------|----|
|      |  |         |         |         |    |
|      |  |         |         |         |    |
|      |  |         |         |         |    |
| 100V |  |         |         |         |    |
|      |  | 320 Vac | 340 Vac | 360 Vac |    |
|      |  | 300 Vac | 320 Vac | 340 Vac |    |
|      |  | -       | -       | 440 Vac | 48 |



**vs.**

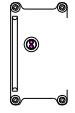
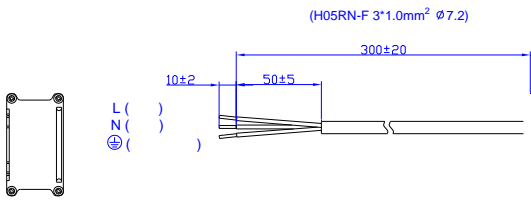
|         |     |      |
|---------|-----|------|
| (loset) |     |      |
|         |     |      |
| 1050mA  | 36V | 71V  |
| ...     | ... | ...  |
| 700mA   | 36V | 107V |





EDC-075S105SV2

Rev.B

75W IP66/IP67



PROJ.    
:±1



EDC-075S105SV2

Rev.B

75W IP66/IP67

| 2024-02-04 | A |  | / | / |
|------------|---|--|---|---|
| 2024-04-17 | B |  | / |   |
|            |   |  | / |   |