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|----------------------------------------------------------------------|-------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>GOLDWYN</div><div>LED</div><div>Smart Lighting</div></div> | TECHNICAL DATA SHEET                                  |  | Goldwyn Limited<br><br>www.goldwynled.com<br>+91 120 471 2400                                                                                                                                                                                                                |
|                                                                      | LED Flood Light - 50W                                 |  |                                                                                                                                                                                                                                                                              |
|                                                                      | Model : FL-050                                        |  |                                                                                                                                                                                                                                                                              |
|                                                                      | Reference No. : FLAD-SM-50                            |  |                                                                                                                                                                                                                                                                              |
| MECHANICAL DATA                                                      |                                                       |  | QAP                                                                                                                                                                                                                                                                          |
| Mounting Type                                                        | Surface Mounting                                      |  | W                                                                                                                                                                                                                                                                            |
| Housing material                                                     | Aluminium Die Casting                                 |  | W                                                                                                                                                                                                                                                                            |
| Housing Colour                                                       | Grey / Black                                          |  | W                                                                                                                                                                                                                                                                            |
| Housing Gasket                                                       | Silicone Gasket                                       |  | W                                                                                                                                                                                                                                                                            |
| Protection (IP)                                                      | IP 66 (Dust & Water )                                 |  | W                                                                                                                                                                                                                                                                            |
| Protection (IK)                                                      | IK07                                                  |  | W                                                                                                                                                                                                                                                                            |
| ELECTRICAL DATA                                                      |                                                       |  |                                                                                                                                                                                                                                                                              |
| Input Wattage @240 VAC                                               | 50W $\pm$ 10%                                         |  | W                                                                                                                                                                                                                                                                            |
| Rated Voltage                                                        | 230V AC, 50 Hz                                        |  | W                                                                                                                                                                                                                                                                            |
| Operating Voltage Range                                              | 90V - 300V AC                                         |  | W                                                                                                                                                                                                                                                                            |
| Power Factor                                                         | $\geq$ 0.95                                           |  | W                                                                                                                                                                                                                                                                            |
| THD %                                                                | $\leq$ 10%                                            |  | W                                                                                                                                                                                                                                                                            |
| Driver Efficiency                                                    | (>85%)                                                |  | W                                                                                                                                                                                                                                                                            |
| Automatic HigherCut - Off                                            | > 300V AC                                             |  | W                                                                                                                                                                                                                                                                            |
| Operating Temperature & Humidity                                     | (-10 To 55 Degree) & (10% To 95% RH)                  |  | W                                                                                                                                                                                                                                                                            |
| Led Driver Protections                                               | Short circuit, Open circuit, No Load and Over Voltage |  | W                                                                                                                                                                                                                                                                            |
| Surge Protection (Internal)                                          | 4 KV                                                  |  | W                                                                                                                                                                                                                                                                            |
| PHOTOMETRIC DATA                                                     |                                                       |  |                                                                                                                                                                                                                                                                              |
| Luminous Efficacy - lm/W                                             | 100 Lumen/W                                           |  | W                                                                                                                                                                                                                                                                            |
| Colour Temperature - CCT                                             | 6500K ( $\pm$ 500K)                                   |  | W                                                                                                                                                                                                                                                                            |
| Colour Rendition - CRI                                               | $\geq$ 70                                             |  | W                                                                                                                                                                                                                                                                            |
| LED Make -LM 80                                                      | Cree/ Osram/Lumileds /Seoul/ Bridgelux/ Phillips      |  | R                                                                                                                                                                                                                                                                            |
| Led Chip Efficacy -LM80                                              | $\geq$ 130lm/W                                        |  | R                                                                                                                                                                                                                                                                            |
| Led Life Span - LM80 & TM21 Certified LED                            | 50000.00 Hrs &                                        |  | R                                                                                                                                                                                                                                                                            |
| Junction Temp as per LM80 Test Report                                | $\leq$ 85 Degree. C)                                  |  | R                                                                                                                                                                                                                                                                            |
| LED Type & Led Beam Angle                                            | (SMD Led & 120 Degree)                                |  | R                                                                                                                                                                                                                                                                            |
| Top Cover (Glass As per requirement only)                            | Polycarbonate Lens                                    |  | R                                                                                                                                                                                                                                                                            |
| PRODUCT PICTURE                                                      |                                                       |  |                                                                                                                                                                                                                                                                              |
|                                                                      |                                                       |  |                                                                                                                                                                                                                                                                              |
| Legend -                                                             | IS 10322 (Part5/Sec5):2013                            |  |                                                                                                                                                                                                                                                                              |
| V- Visual                                                            | IS 15885 (Part2/Sec13):2012                           |  |                                                                                                                                                                                                                                                                              |
| W- Witness                                                           |                                                       |  |                                                                                                                                                                                                                                                                              |
| R- TC Review                                                         |                                                       |  |                                                                                                                                                                                                                                                                              |
| Sampling Plan - As per IS 10322 Part-5                               |                                                       |  | <div><div></div><div></div></div> <p>Picture for representation only. Actual product may differ.</p> |
|                                                                      |                                                       |  |                                                                                                                                                                                                                                                                              |