

# START PANEL IP54 UGR19 TW 600x600 4300LM DALI DT8

Code article 0042705

**SYLVANIA**

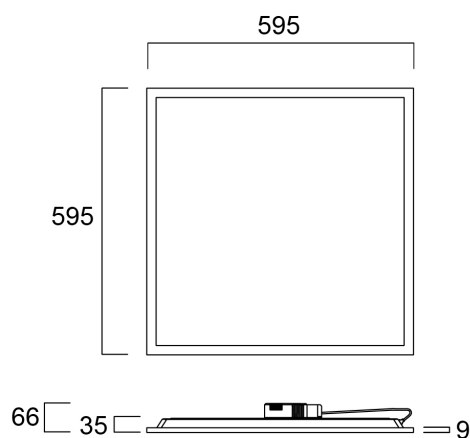
**START**



START Panel IP54 Tunable White is a range of backlit LED panels with adjustable colour temperature ranging from 3000-5700K. Ideal for general indoor applications such as corridors, breakrooms, offices and meeting rooms. Luminaire dimensions are compatible with common ceiling installation, and the shallow design makes it easy to install in low ceilings. Nominal size 600x600mm, 4320Lm; 36W; 120Lm/W; Average lifespan: 100.000Hrs; CRI 80; Glare control <19; IK03; IP54 (from the front); SDCM<3; Class II; Loop in loop out connector for quick installation. Tp(a) rated diffuser. DALI DT8 dimmable driver (dual channel).

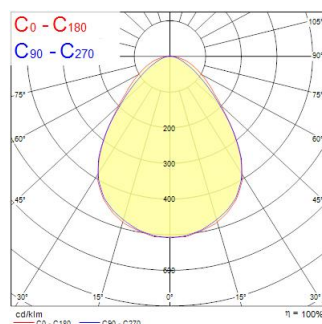
## Atouts techniques

### Dimensions (mm)



### Photométrie

| Distance [m] | Cone diameter [m] | Beam angle [°] | Beam diameter [m] | Illuminance [lx] |
|--------------|-------------------|----------------|-------------------|------------------|
| 0.5          | 0.88              | 83.0°          | 0.88              | 5710             |
| 1.0          | 1.77              | 83.0°          | 1.77              | 1444             |
| 1.5          | 2.66              | 83.0°          | 2.66              | 630              |
| 2.0          | 3.54              | 83.0°          | 3.54              | 396              |
| 2.5          | 4.42              | 83.0°          | 4.42              | 258              |
| 3.0          | 5.31              | 83.0°          | 5.31              | 168              |
| 3.5          | 6.19              | 83.0°          | 6.19              | 116              |
| 4.0          | 7.08              | 83.0°          | 7.08              | 84               |
| 4.5          | 7.97              | 83.0°          | 7.97              | 67               |
| 5.0          | 8.86              | 83.0°          | 8.86              | 54               |
| 5.5          | 9.75              | 83.0°          | 9.75              | 45               |
| 6.0          | 10.64             | 83.0°          | 10.64             | 38               |
| 6.5          | 11.53             | 83.0°          | 11.53             | 32               |
| 7.0          | 12.42             | 83.0°          | 12.42             | 27               |
| 7.5          | 13.31             | 83.0°          | 13.31             | 23               |
| 8.0          | 14.20             | 83.0°          | 14.20             | 19               |
| 8.5          | 15.09             | 83.0°          | 15.09             | 16               |
| 9.0          | 15.98             | 83.0°          | 15.98             | 14               |
| 9.5          | 16.87             | 83.0°          | 16.87             | 12               |
| 10.0         | 17.76             | 83.0°          | 17.76             | 10               |
| 10.5         | 18.65             | 83.0°          | 18.65             | 9                |
| 11.0         | 19.54             | 83.0°          | 19.54             | 8                |
| 11.5         | 20.43             | 83.0°          | 20.43             | 7                |
| 12.0         | 21.32             | 83.0°          | 21.32             | 6                |
| 12.5         | 22.21             | 83.0°          | 22.21             | 5                |
| 13.0         | 23.10             | 83.0°          | 23.10             | 4                |
| 13.5         | 23.99             | 83.0°          | 23.99             | 3                |
| 14.0         | 24.88             | 83.0°          | 24.88             | 3                |
| 14.5         | 25.77             | 83.0°          | 25.77             | 2                |
| 15.0         | 26.66             | 83.0°          | 26.66             | 2                |
| 15.5         | 27.55             | 83.0°          | 27.55             | 1                |
| 16.0         | 28.44             | 83.0°          | 28.44             | 1                |
| 16.5         | 29.33             | 83.0°          | 29.33             | 1                |
| 17.0         | 30.22             | 83.0°          | 30.22             | 1                |
| 17.5         | 31.11             | 83.0°          | 31.11             | 1                |
| 18.0         | 32.00             | 83.0°          | 32.00             | 1                |
| 18.5         | 32.89             | 83.0°          | 32.89             | 1                |
| 19.0         | 33.78             | 83.0°          | 33.78             | 1                |
| 19.5         | 34.67             | 83.0°          | 34.67             | 1                |
| 20.0         | 35.56             | 83.0°          | 35.56             | 1                |
| 20.5         | 36.45             | 83.0°          | 36.45             | 1                |
| 21.0         | 37.34             | 83.0°          | 37.34             | 1                |
| 21.5         | 38.23             | 83.0°          | 38.23             | 1                |
| 22.0         | 39.12             | 83.0°          | 39.12             | 1                |
| 22.5         | 40.01             | 83.0°          | 40.01             | 1                |
| 23.0         | 40.90             | 83.0°          | 40.90             | 1                |
| 23.5         | 41.79             | 83.0°          | 41.79             | 1                |
| 24.0         | 42.68             | 83.0°          | 42.68             | 1                |
| 24.5         | 43.57             | 83.0°          | 43.57             | 1                |
| 25.0         | 44.46             | 83.0°          | 44.46             | 1                |
| 25.5         | 45.35             | 83.0°          | 45.35             | 1                |
| 26.0         | 46.24             | 83.0°          | 46.24             | 1                |
| 26.5         | 47.13             | 83.0°          | 47.13             | 1                |
| 27.0         | 48.02             | 83.0°          | 48.02             | 1                |
| 27.5         | 48.91             | 83.0°          | 48.91             | 1                |
| 28.0         | 49.80             | 83.0°          | 49.80             | 1                |
| 28.5         | 50.69             | 83.0°          | 50.69             | 1                |
| 29.0         | 51.58             | 83.0°          | 51.58             | 1                |
| 29.5         | 52.47             | 83.0°          | 52.47             | 1                |
| 30.0         | 53.36             | 83.0°          | 53.36             | 1                |
| 30.5         | 54.25             | 83.0°          | 54.25             | 1                |
| 31.0         | 55.14             | 83.0°          | 55.14             | 1                |
| 31.5         | 56.03             | 83.0°          | 56.03             | 1                |
| 32.0         | 56.92             | 83.0°          | 56.92             | 1                |
| 32.5         | 57.81             | 83.0°          | 57.81             | 1                |
| 33.0         | 58.70             | 83.0°          | 58.70             | 1                |
| 33.5         | 59.59             | 83.0°          | 59.59             | 1                |
| 34.0         | 60.48             | 83.0°          | 60.48             | 1                |
| 34.5         | 61.37             | 83.0°          | 61.37             | 1                |
| 35.0         | 62.26             | 83.0°          | 62.26             | 1                |
| 35.5         | 63.15             | 83.0°          | 63.15             | 1                |
| 36.0         | 64.04             | 83.0°          | 64.04             | 1                |
| 36.5         | 64.93             | 83.0°          | 64.93             | 1                |
| 37.0         | 65.82             | 83.0°          | 65.82             | 1                |
| 37.5         | 66.71             | 83.0°          | 66.71             | 1                |
| 38.0         | 67.60             | 83.0°          | 67.60             | 1                |
| 38.5         | 68.49             | 83.0°          | 68.49             | 1                |
| 39.0         | 69.38             | 83.0°          | 69.38             | 1                |
| 39.5         | 70.27             | 83.0°          | 70.27             | 1                |
| 40.0         | 71.16             | 83.0°          | 71.16             | 1                |
| 40.5         | 72.05             | 83.0°          | 72.05             | 1                |
| 41.0         | 72.94             | 83.0°          | 72.94             | 1                |
| 41.5         | 73.83             | 83.0°          | 73.83             | 1                |
| 42.0         | 74.72             | 83.0°          | 74.72             | 1                |
| 42.5         | 75.61             | 83.0°          | 75.61             | 1                |
| 43.0         | 76.50             | 83.0°          | 76.50             | 1                |
| 43.5         | 77.39             | 83.0°          | 77.39             | 1                |
| 44.0         | 78.28             | 83.0°          | 78.28             | 1                |
| 44.5         | 79.17             | 83.0°          | 79.17             | 1                |
| 45.0         | 80.06             | 83.0°          | 80.06             | 1                |
| 45.5         | 80.95             | 83.0°          | 80.95             | 1                |
| 46.0         | 81.84             | 83.0°          | 81.84             | 1                |
| 46.5         | 82.73             | 83.0°          | 82.73             | 1                |
| 47.0         | 83.62             | 83.0°          | 83.62             | 1                |
| 47.5         | 84.51             | 83.0°          | 84.51             | 1                |
| 48.0         | 85.40             | 83.0°          | 85.40             | 1                |
| 48.5         | 86.29             | 83.0°          | 86.29             | 1                |
| 49.0         | 87.18             | 83.0°          | 87.18             | 1                |
| 49.5         | 88.07             | 83.0°          | 88.07             | 1                |
| 50.0         | 88.96             | 83.0°          | 88.96             | 1                |
| 50.5         | 89.85             | 83.0°          | 89.85             | 1                |
| 51.0         | 90.74             | 83.0°          | 90.74             | 1                |
| 51.5         | 91.63             | 83.0°          | 91.63             | 1                |
| 52.0         | 92.52             | 83.0°          | 92.52             | 1                |
| 52.5         | 93.41             | 83.0°          | 93.41             | 1                |
| 53.0         | 94.30             | 83.0°          | 94.30             | 1                |
| 53.5         | 95.19             | 83.0°          | 95.19             | 1                |
| 54.0         | 96.08             | 83.0°          | 96.08             | 1                |
| 54.5         | 96.97             | 83.0°          | 96.97             | 1                |
| 55.0         | 97.86             | 83.0°          | 97.86             | 1                |
| 55.5         | 98.75             | 83.0°          | 98.75             | 1                |
| 56.0         | 99.64             | 83.0°          | 99.64             | 1                |
| 56.5         | 100.53            | 83.0°          | 100.53            | 1                |
| 57.0         | 101.42            | 83.0°          | 101.42            | 1                |
| 57.5         | 102.31            | 83.0°          | 102.31            | 1                |
| 58.0         | 103.20            | 83.0°          | 103.20            | 1                |
| 58.5         | 104.09            | 83.0°          | 104.09            | 1                |
| 59.0         | 104.98            | 83.0°          | 104.98            | 1                |
| 59.5         | 105.87            | 83.0°          | 105.87            | 1                |
| 60.0         | 106.76            | 83.0°          | 106.76            | 1                |
| 60.5         | 107.65            | 83.0°          | 107.65            | 1                |
| 61.0         | 108.54            | 83.0°          | 108.54            | 1                |
| 61.5         | 109.43            | 83.0°          | 109.43            | 1                |
| 62.0         | 110.32            | 83.0°          | 110.32            | 1                |
| 62.5         | 111.21            | 83.0°          | 111.21            | 1                |
| 63.0         | 112.10            | 83.0°          | 112.10            | 1                |
| 63.5         | 112.99            | 83.0°          | 112.99            | 1                |
| 64.0         | 113.88            | 83.0°          | 113.88            | 1                |
| 64.5         | 114.77            | 83.0°          | 114.77            | 1                |
| 65.0         | 115.66            | 83.0°          | 115.66            | 1                |
| 65.5         | 116.55            | 83.0°          | 116.55            | 1                |
| 66.0         | 117.44            | 83.0°          | 117.44            | 1                |
| 66.5         | 118.33            | 83.0°          | 118.33            | 1                |
| 67.0         | 119.22            | 83.0°          | 119.22            | 1                |
| 67.5         | 120.11            | 83.0°          | 120.11            | 1                |
| 68.0         | 121.00            | 83.0°          | 121.00            | 1                |
| 68.5         | 121.89            | 83.0°          | 121.89            | 1                |
| 69.0         | 122.78            | 83.0°          | 122.78            | 1                |
| 69.5         | 123.67            | 83.0°          | 123.67            | 1                |
| 70.0         | 124.56            | 83.0°          | 124.56            | 1                |
| 70.5         | 125.45            | 83.0°          | 125.45            | 1                |
| 71.0         | 126.34            | 83.0°          | 126.34            | 1                |
| 71.5         | 127.23            | 83.0°          | 127.23            | 1                |
| 72.0         | 128.12            | 83.0°          | 128.12            | 1                |
| 72.5         | 129.01            | 83.0°          | 129.01            | 1                |
| 73.0         | 129.90            | 83.0°          | 129.90            | 1                |
| 73.5         | 130.79            | 83.0°          | 130.79            | 1                |
| 74.0         | 131.68            | 83.0°          | 131.68            | 1                |
| 74.5         | 132.57            | 83.0°          | 132.57            | 1                |
| 75.0         | 133.46            | 83.0°          | 133.46            | 1                |
| 75.5         | 134.35            | 83.0°          | 134.35            | 1                |
| 76.0         | 135.24            | 83.0°          | 135.24            | 1                |
| 76.5         | 136.13            | 83.0°          | 136.13            | 1                |
| 77.0         | 137.02            | 83.0°          | 137.02            | 1                |
| 77.5         | 137.91            | 83.0°          | 137.91            | 1                |
| 78.0         | 138.80            | 83.0°          | 138.80            | 1                |
| 78.5         | 139.69            | 83.0°          | 139.69            | 1                |
| 79.0         | 140.58            | 83.0°          | 140.58            | 1                |
| 79.5         | 141.47            | 83.0°          | 141.47            | 1                |
| 80.0         | 142.36            | 83.0°          | 142.36            | 1                |
| 80.5         | 143.25            | 83.0°          | 143.25            | 1                |
| 81.0         | 144.14            | 83.0°          | 144.14            | 1                |
| 81.5         | 145.03            | 83.0°          | 145.03            | 1                |
| 82.0         | 145.92            | 83.0°          | 145.92            | 1                |
| 82.5         | 146.81            | 83.0°          | 146.81            | 1                |
| 83.0         | 147.70            | 83.0°          | 147.70            | 1                |
| 83.5         | 148.59            | 83.0°          | 148.59            | 1                |
| 84.0         | 149.48            | 83.0°          | 149.48            | 1                |
| 84.5         | 150.37            | 83.0°          | 150.37            | 1                |
| 85.0         | 151.26            | 83.0°          | 151.26            | 1                |
| 85.5         | 152.15            | 83.0°          | 152.15            | 1                |
| 86.0         | 153.04            | 83.0°          | 153.04            | 1                |
| 86.5         | 153.93            | 83.0°          | 153.93            | 1                |
| 87.0         | 154.82            | 83.0°          | 154.82            | 1                |
| 87.5         | 155.71            | 83.0°          | 155.71            | 1                |
| 88.0         | 156.60            | 83.0°          | 156.60            | 1                |
| 88.5         | 157.49            | 83.0°          | 157.49            | 1                |
| 89.0         | 158.38            | 83.0°          | 158.38            | 1                |
| 89.5         | 159.27            | 83.0°          | 159.27            | 1                |
| 90.0         | 160.16            | 83.0°          | 160.16            | 1                |
| 90.5         | 161.05            | 83.0°          | 161.05            | 1                |
| 91.0         | 161.94            | 83.0°          | 161.94            | 1                |
| 91.5         | 162.83            | 83.0°          | 162.83            | 1                |
| 92.0         | 163.72            | 83.0°          | 163.72            | 1                |
| 92.5         | 164.61            | 83.0°          | 164.61            | 1                |
| 93.0         | 165.50            | 83.0°          | 165.50            | 1                |
| 93.5         | 166.39            | 83.0°          | 166.39            | 1                |
| 94.0         | 167.28            | 83.0°          | 167.28            | 1                |
| 94.5         | 168.17            | 83.0°          | 168.17            | 1                |
| 95.0         | 169.06            | 83.0°          | 169.06            | 1                |
| 95.5         | 169.95            | 83.0°          | 169.95            | 1                |
| 96.0         | 170.84            | 83.0°          | 170.84            | 1                |
| 96.5         | 171.73            | 83.0°          | 171.73            | 1                |
| 97.0         | 172.62            | 83.0°          | 172.62            | 1                |
| 97.5         | 173.51            | 83.0°          | 173.51            | 1                |
| 98.0         | 174.40            | 83.0°          | 174.40            | 1                |
| 98.5         | 175.29            | 83.0°          | 175.29            | 1                |
| 99.0         | 176.18            | 83.0°          | 176.18            | 1                |
| 99.5         | 177.07            | 83.0°          | 177.07            | 1                |
| 100.0        | 177.96            | 83.0°          | 177.96            | 1                |



# START PANEL IP54 UGR19 TW 600x600 4300LM DALI DT8

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## Données générales

|                                  |                                                            |
|----------------------------------|------------------------------------------------------------|
| Nom du produit                   | START PANEL IP54<br>UGR19 TW 600x600<br>4300LM DALI DT8    |
| Technologie                      | LED                                                        |
| Cap/Base                         | N/A                                                        |
| Housing                          | Steel                                                      |
| Montage                          | Ceiling recessed<br>mounting                               |
| Built in presence detector       | NONE                                                       |
| General application              | Education, Hospitality,<br>Logistics & Industry,<br>Office |
| Operating temperature range (°C) | -10°C...+45°C                                              |
| Virtual assistant compatibility  | N/A                                                        |
| ETIM Class                       | EC002892                                                   |
| Numéro virtuel FI                | 4278594                                                    |
| Warranty                         | 5 ans                                                      |

## Données optiques

|                                 |                |
|---------------------------------|----------------|
| Fixture luminous flux (lm)      | 4320           |
| Luminaire efficacy (lm/W)       | 120            |
| Colour Code                     | N/A            |
| Couleur de lumière              | Tuneable White |
| IRC (Ra)                        | 80             |
| Colour Variation Initial (SDCM) | SDCM3          |
| Beam Angle (°)                  | 85             |
| Distribution type               | Symmetric      |
| Glare control                   | < 19           |
| Photobiological Risk Group      | RG0            |

## Caractéristiques électriques

|                                                                  |                             |
|------------------------------------------------------------------|-----------------------------|
| Consommation électrique totale (W)                               | 36                          |
| Primary Supply/Product voltage - min (V)                         | 220.0                       |
| Primary Supply/Product voltage - max (V)                         | 240.0                       |
| Lamp power factor                                                | 0.9                         |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 15.0                        |
| Electrical protection                                            | Class II                    |
| Type d'appareillage                                              | LED driver constant current |
| Dimmable                                                         | Yes                         |
| Dimming method                                                   | DALI-2                      |
| Minimum dimming level (%)                                        | 5                           |
| Drive current (mA)                                               | 900                         |
| Courant d'appel (A)                                              | 60                          |
| Inrush Duration (µs)                                             | 100                         |
| Energy Efficiency Class (A->G) of contained light source         | C                           |
| Nominal Frequency (Hz)                                           | 50/60Hz                     |
| LED Flickering Rate                                              | Ultra low (5% or less)      |
| Max. products per 10A C Breaker                                  | 21                          |
| Max. products per 16A C Breaker                                  | 35                          |
| Max. products per 16A B Breaker                                  | 35                          |
| Connectable conductor cross section - Max (mm²)                  | 1.5                         |
| <b>Durée de vie</b>                                              |                             |
| Lifespan L70 B50                                                 | 100000                      |
| Lifespan L80 B20                                                 | 61000                       |

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## Données physiques

|                             |                         |
|-----------------------------|-------------------------|
| Housing colour              | RAL 9003 - Signal white |
| IP rating                   | IP54/20                 |
| IK rating                   | IK03                    |
| Diffuser finish             | Diffuse                 |
| Diffuser material           | PS Polystyrene          |
| Longueur (mm)               | 595                     |
| Largeur (mm)                | 595                     |
| Nominal Product Height (mm) | 35                      |
| Poids (kg)                  | 2.244                   |

## Emballage

|                                      |                |
|--------------------------------------|----------------|
| Product EAN number                   | 5410288427058  |
| Longueur simple de l'emballage (cm)  | 68.9           |
| Largeur simple de l'emballage (cm)   | 3.8            |
| Packaging single depth (cm)          | 60.5           |
| DUN14 (inner)                        | 15410288427055 |
| Units per outer package              | 4              |
| Packaging outer length / height (cm) | 70.7           |
| Packaging outer width (cm)           | 17.6           |
| Packaging outer depth (cm)           | 62.6           |

## Sécurité

|                                           |        |
|-------------------------------------------|--------|
| Glow Wire Test (°C)                       | 650    |
| Condition de fonctionnement optimal (° C) | -10-45 |