

# Quantum IP54 600x600 Multipower 4500lm 840

Artikelnummer 0044640

**SYLVANIA**

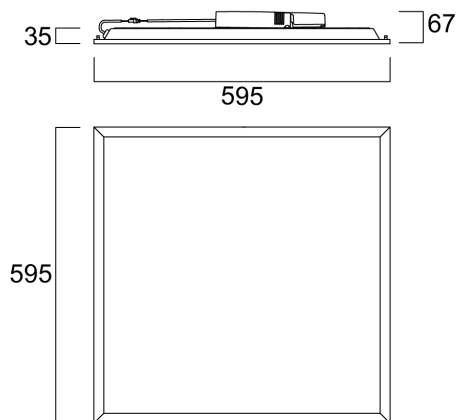
**PRO**<sup>TM</sup>



Quantum is a range of recessed integrated LED panels for general indoor lighting applications such as breakout areas, offices and meeting rooms. With the help of DIP Switch multiple lumen outputs can be set up in 4 steps (22W 3400lm, 24W 3750lm, 26W 4100lm, 28W 4500lm). Lumen output using EM kit: ~500lm. Max. drive current: 600mA; Lifespan: 120.000Hrs L70:B50; 4000K; CRI 80; Efficacy up to: 161lm/W; Glare control <19; IK03; IP54 (from the front); Class II; Tp(a) rated diffuser that self-extinguishes within 5 sec when a flame has been removed.

## Technische Werte

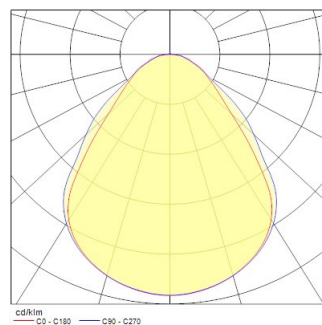
### Größe (mm)



### Photometrie

| Distance [m] | Cone diameter [m] | Beam angle [°]      | Illuminance [lx]    |
|--------------|-------------------|---------------------|---------------------|
| 0.5          | 1.01<br>0.85      | 50°<br>45°<br>41.4° | 654<br>1147<br>1355 |
| 1.0          | 2.02<br>1.70      | 50°<br>45°<br>41.4° | 161<br>361<br>337   |
| 1.5          | 3.03<br>2.54      | 50°<br>45°<br>41.4° | 723<br>137<br>124   |
| 2.0          | 4.04<br>3.33      | 50°<br>45°<br>41.4° | 410<br>121<br>112   |
| 2.5          | 5.05<br>4.11      | 50°<br>45°<br>41.4° | 263<br>86<br>80     |
| 3.0          | 6.06<br>5.29      | 50°<br>45°<br>41.4° | 162<br>53<br>49     |

Distance [m] Cone diameter [m]  
— C0 - C180 (half beam angle: 90.0°)  
— C90 - C270 (half beam angle: 90.0°)



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## Allgemeine Daten

|                                 |                                            |
|---------------------------------|--------------------------------------------|
| Produktname                     | Quantum IP54 600x600 Multipower 4500lm 840 |
| Technologie                     | LED                                        |
| Sockel                          | N/A                                        |
| Gehäuse                         | Steel                                      |
| Montage                         | Ceiling recessed mounting                  |
| Built in presence detector      | NONE                                       |
| Allgemeine Anwendungsbereiche   | Education, Office                          |
| Umgebungstemperaturbereich      | -20°C...+40°C                              |
| Virtual assistant compatibility | N/A                                        |
| ETIM Klasse                     | EC002892                                   |
| E-Nummer FI                     | 4279423                                    |
| Garantie                        | 5 Jahre                                    |

## Optische Daten

|                            |               |
|----------------------------|---------------|
| Leuchtenlichtstrom (lm)    | 4500          |
| Systemeffizienz (lm/W)     | 161           |
| Farbtemperatur (K)         | 4000          |
| Lichtfarbe                 | Neutral White |
| Farbwiedergabeindex (Ra)   | 80            |
| Farbkonsistenz (SDCM)      | SDCM3         |
| Ausstrahlungswinkel (°)    | 85            |
| Distributionstyp           | Symmetric     |
| Blendungsbegrenzung        | < 19          |
| Photobiological Risk Group | RG0           |

## Elektrische Daten

|                                                          |                             |
|----------------------------------------------------------|-----------------------------|
| Leistungsaufnahme gesamt (W)                             | 28                          |
| Primary Supply/Product voltage - min (V)                 | 220.0                       |
| Primary Supply/Product voltage - max (V)                 | 240.0                       |
| Leistungsfaktor der Lampe                                | 0.9                         |
| THD (bei 230V, 50Hz, bei 100% Dimm-Level)                | 20.0                        |
| Elektrische Schutzklasse                                 | Class II                    |
| Betriebsgerätetyp                                        | LED driver constant current |
| Dimmbar                                                  | No                          |
| Dimming method                                           | N/A                         |
| Stromstärke (mA)                                         | 600                         |
| Einschaltstrom (A)                                       | 11.9                        |
| Dauer Einschaltstrom (µs)                                | 390                         |
| Energy Efficiency Class (A->G) of contained light source | A                           |
| Nennfrequenz (Hz)                                        | 50/60Hz                     |
| LED Flickering Rate                                      | Ultra low (5% or less)      |
| Max. Anzahl Leuchten pro 10A C Sicherung                 | 18                          |
| Max. Anzahl Leuchten pro 16A C Sicherung                 | 29                          |
| Max. Anzahl Leuchten pro 16A B Sicherung                 | 17                          |
| Connectable conductor cross section - Min (mm²)          | 0.75                        |
| Connectable conductor cross section - Max (mm²)          | 2.5                         |

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## Lifetime data

|                      |        |
|----------------------|--------|
| Lebensdauer - L70B50 | 120000 |
| Lebensdauer - L70B20 | 120000 |
| Lebensdauer - L70B10 | 120000 |
| Lebensdauer - L80B50 | 105000 |
| Lebensdauer - L80B20 | 95000  |
| Lebensdauer - L80B10 | 85000  |
| Lebensdauer - L90B50 | 51000  |
| Lebensdauer - L90B20 | 47000  |
| Lebensdauer - L90B10 | 44000  |

## Physikalische Daten

|                           |                         |
|---------------------------|-------------------------|
| Gehäusefarbe              | RAL 9003 - Signal white |
| IP Schutzart              | IP54/20                 |
| IK Schutzart              | IK03                    |
| Diffusor                  | Diffuse                 |
| Diffusormaterial          | PS Polystyrene          |
| Länge (mm)                | 595                     |
| Breite (mm)               | 595                     |
| Nominale Produkthöhe (mm) | 35                      |
| Gewicht (kg)              | 2.041                   |

## Packaging

|                                        |                |
|----------------------------------------|----------------|
| EAN Code                               | 5410288446400  |
| Einzelverpackung Länge (cm)            | 64.7           |
| Einzelverpackung Breite (cm)           | 3.8            |
| Einzelverpackung Tiefe (cm)            | 60.5           |
| DUN 14 (außen)                         | 15410288446407 |
| Anzahl an Einheiten je Außenverpackung | 4              |
| Außenverpackung Länge (cm)             | 67.3           |
| Außenverpackung Breite (cm)            | 17.3           |
| Außenverpackung Tiefe (cm)             | 62.4           |

## Safety data

|                                  |        |
|----------------------------------|--------|
| Glühdrahttest (°C)               | 650    |
| Optimale Betriebstemperatur (°C) | -20-40 |