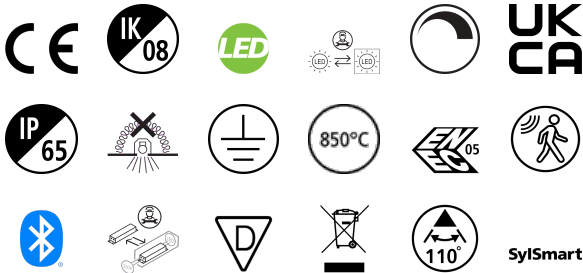


# RESISTO 1200 IP65 20W 2800lm 840 SSA03H

Artikelnummer 0010429

**SYLVANIA**

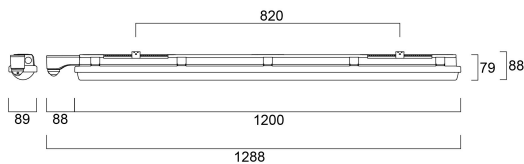
**PRO**



Resisto, waterdicht led armatuur met geïntegreerde leds, met UV-gestabiliseerde vlakke diffuser, ontworpen voor een gelijkmatig verlicht uiterlijk, optimale lichtopbrengst en lage luminantie. 301 roestvrijstalen diffusorklemmen en bevestigingsbeugels voor opbouwmontage. Behuizing en diffuser van polycarbonaat - geen vergeling na verloop van tijd. 2800 lm; 20 W; 140 lm/W; 4000 K; SDCM < 5; CRI80; IP65; IK08 (sensor IK03); Klasse I; 69.000 uur (L80B20) levensduur; 1288 mm x 89 mm x 88 mm; D-merk. SylSmart® Connected-integratie biedt verbeterde functionaliteit, waardoor uitgebreide verlichtingsregeling en -bewaking mogelijk is via een geïntegreerde High Bay-sensor en Bluetooth® NLC.

## Technische gegevens

### Afmetingen (mm)



### Fotometrie

| Distance [m] | Cone diameter [m] | Beam angle [°] | Beam diameter [m] | Beam area [m²] | Illuminance [lx] |
|--------------|-------------------|----------------|-------------------|----------------|------------------|
| 0.5          | 1.30              | 1.30           | 1.30              | 1.08           | 2681             |
| 1.0          | 2.61              | 2.61           | 2.61              | 4.36           | 645              |
| 1.5          | 3.91              | 3.91           | 3.91              | 10.4           | 268              |
| 2.0          | 5.21              | 5.21           | 5.21              | 17.1           | 163              |
| 2.5          | 6.52              | 6.52           | 6.52              | 26.7           | 104              |
| 3.0          | 7.82              | 7.82           | 7.82              | 38.1           | 73               |
| 3.5          | 9.12              | 9.12           | 9.12              | 51.3           | 55               |
| 4.0          | 10.42             | 10.42          | 10.42             | 66.4           | 42               |
| 4.5          | 11.72             | 11.72          | 11.72             | 83.5           | 34               |
| 5.0          | 13.02             | 13.02          | 13.02             | 102.6          | 27               |
| 5.5          | 14.32             | 14.32          | 14.32             | 123.7          | 22               |
| 6.0          | 15.62             | 15.62          | 15.62             | 146.8          | 19               |
| 6.5          | 16.92             | 16.92          | 16.92             | 171.9          | 16               |
| 7.0          | 18.22             | 18.22          | 18.22             | 200.0          | 14               |
| 7.5          | 19.52             | 19.52          | 19.52             | 230.1          | 12               |
| 8.0          | 20.82             | 20.82          | 20.82             | 262.2          | 11               |
| 8.5          | 22.12             | 22.12          | 22.12             | 296.3          | 10               |
| 9.0          | 23.42             | 23.42          | 23.42             | 332.4          | 9                |
| 9.5          | 24.72             | 24.72          | 24.72             | 370.5          | 8                |
| 10.0         | 26.02             | 26.02          | 26.02             | 410.6          | 7                |
| 10.5         | 27.32             | 27.32          | 27.32             | 452.7          | 6                |
| 11.0         | 28.62             | 28.62          | 28.62             | 496.8          | 6                |
| 11.5         | 29.92             | 29.92          | 29.92             | 543.9          | 5                |
| 12.0         | 31.22             | 31.22          | 31.22             | 593.0          | 5                |
| 12.5         | 32.52             | 32.52          | 32.52             | 644.1          | 4                |
| 13.0         | 33.82             | 33.82          | 33.82             | 697.2          | 4                |
| 13.5         | 35.12             | 35.12          | 35.12             | 752.3          | 4                |
| 14.0         | 36.42             | 36.42          | 36.42             | 809.4          | 3                |
| 14.5         | 37.72             | 37.72          | 37.72             | 868.5          | 3                |
| 15.0         | 39.02             | 39.02          | 39.02             | 929.6          | 3                |
| 15.5         | 40.32             | 40.32          | 40.32             | 992.7          | 3                |
| 16.0         | 41.62             | 41.62          | 41.62             | 1057.8         | 2                |
| 16.5         | 42.92             | 42.92          | 42.92             | 1124.9         | 2                |
| 17.0         | 44.22             | 44.22          | 44.22             | 1194.0         | 2                |
| 17.5         | 45.52             | 45.52          | 45.52             | 1265.1         | 2                |
| 18.0         | 46.82             | 46.82          | 46.82             | 1338.2         | 2                |
| 18.5         | 48.12             | 48.12          | 48.12             | 1413.3         | 2                |
| 19.0         | 49.42             | 49.42          | 49.42             | 1490.4         | 2                |
| 19.5         | 50.72             | 50.72          | 50.72             | 1569.5         | 2                |
| 20.0         | 52.02             | 52.02          | 52.02             | 1650.6         | 2                |
| 20.5         | 53.32             | 53.32          | 53.32             | 1733.7         | 2                |
| 21.0         | 54.62             | 54.62          | 54.62             | 1818.8         | 2                |
| 21.5         | 55.92             | 55.92          | 55.92             | 1905.9         | 2                |
| 22.0         | 57.22             | 57.22          | 57.22             | 1995.0         | 2                |
| 22.5         | 58.52             | 58.52          | 58.52             | 2086.1         | 2                |
| 23.0         | 59.82             | 59.82          | 59.82             | 2179.2         | 2                |
| 23.5         | 61.12             | 61.12          | 61.12             | 2274.3         | 2                |
| 24.0         | 62.42             | 62.42          | 62.42             | 2371.4         | 2                |
| 24.5         | 63.72             | 63.72          | 63.72             | 2470.5         | 2                |
| 25.0         | 65.02             | 65.02          | 65.02             | 2571.6         | 2                |
| 25.5         | 66.32             | 66.32          | 66.32             | 2674.7         | 2                |
| 26.0         | 67.62             | 67.62          | 67.62             | 2779.8         | 2                |
| 26.5         | 68.92             | 68.92          | 68.92             | 2886.9         | 2                |
| 27.0         | 70.22             | 70.22          | 70.22             | 2996.0         | 2                |
| 27.5         | 71.52             | 71.52          | 71.52             | 3107.1         | 2                |
| 28.0         | 72.82             | 72.82          | 72.82             | 3219.2         | 2                |
| 28.5         | 74.12             | 74.12          | 74.12             | 3333.3         | 2                |
| 29.0         | 75.42             | 75.42          | 75.42             | 3449.4         | 2                |
| 29.5         | 76.72             | 76.72          | 76.72             | 3567.5         | 2                |
| 30.0         | 78.02             | 78.02          | 78.02             | 3687.6         | 2                |
| 30.5         | 79.32             | 79.32          | 79.32             | 3809.7         | 2                |
| 31.0         | 80.62             | 80.62          | 80.62             | 3933.8         | 2                |
| 31.5         | 81.92             | 81.92          | 81.92             | 4060.9         | 2                |
| 32.0         | 83.22             | 83.22          | 83.22             | 4190.0         | 2                |
| 32.5         | 84.52             | 84.52          | 84.52             | 4321.1         | 2                |
| 33.0         | 85.82             | 85.82          | 85.82             | 4454.2         | 2                |
| 33.5         | 87.12             | 87.12          | 87.12             | 4589.3         | 2                |
| 34.0         | 88.42             | 88.42          | 88.42             | 4726.4         | 2                |
| 34.5         | 89.72             | 89.72          | 89.72             | 4865.5         | 2                |
| 35.0         | 91.02             | 91.02          | 91.02             | 4996.6         | 2                |
| 35.5         | 92.32             | 92.32          | 92.32             | 5129.7         | 2                |
| 36.0         | 93.62             | 93.62          | 93.62             | 5264.8         | 2                |
| 36.5         | 94.92             | 94.92          | 94.92             | 5401.9         | 2                |
| 37.0         | 96.22             | 96.22          | 96.22             | 5540.0         | 2                |
| 37.5         | 97.52             | 97.52          | 97.52             | 5679.1         | 2                |
| 38.0         | 98.82             | 98.82          | 98.82             | 5820.2         | 2                |
| 38.5         | 100.12            | 100.12         | 100.12            | 5962.3         | 2                |
| 39.0         | 101.42            | 101.42         | 101.42            | 6106.4         | 2                |
| 39.5         | 102.72            | 102.72         | 102.72            | 6252.5         | 2                |
| 40.0         | 104.02            | 104.02         | 104.02            | 6400.6         | 2                |
| 40.5         | 105.32            | 105.32         | 105.32            | 6550.7         | 2                |
| 41.0         | 106.62            | 106.62         | 106.62            | 6702.8         | 2                |
| 41.5         | 107.92            | 107.92         | 107.92            | 6856.9         | 2                |
| 42.0         | 109.22            | 109.22         | 109.22            | 7013.0         | 2                |
| 42.5         | 110.52            | 110.52         | 110.52            | 7171.1         | 2                |
| 43.0         | 111.82            | 111.82         | 111.82            | 7331.2         | 2                |
| 43.5         | 113.12            | 113.12         | 113.12            | 7493.3         | 2                |
| 44.0         | 114.42            | 114.42         | 114.42            | 7657.4         | 2                |
| 44.5         | 115.72            | 115.72         | 115.72            | 7823.5         | 2                |
| 45.0         | 117.02            | 117.02         | 117.02            | 7991.6         | 2                |
| 45.5         | 118.32            | 118.32         | 118.32            | 8161.7         | 2                |
| 46.0         | 119.62            | 119.62         | 119.62            | 8333.8         | 2                |
| 46.5         | 120.92            | 120.92         | 120.92            | 8507.9         | 2                |
| 47.0         | 122.22            | 122.22         | 122.22            | 8684.0         | 2                |
| 47.5         | 123.52            | 123.52         | 123.52            | 8862.1         | 2                |
| 48.0         | 124.82            | 124.82         | 124.82            | 9042.2         | 2                |
| 48.5         | 126.12            | 126.12         | 126.12            | 9224.3         | 2                |
| 49.0         | 127.42            | 127.42         | 127.42            | 9408.4         | 2                |
| 49.5         | 128.72            | 128.72         | 128.72            | 9594.5         | 2                |
| 50.0         | 130.02            | 130.02         | 130.02            | 9782.6         | 2                |
| 50.5         | 131.32            | 131.32         | 131.32            | 9972.7         | 2                |
| 51.0         | 132.62            | 132.62         | 132.62            | 10164.8        | 2                |
| 51.5         | 133.92            | 133.92         | 133.92            | 10358.9        | 2                |
| 52.0         | 135.22            | 135.22         | 135.22            | 10555.0        | 2                |
| 52.5         | 136.52            | 136.52         | 136.52            | 10753.1        | 2                |
| 53.0         | 137.82            | 137.82         | 137.82            | 10953.2        | 2                |
| 53.5         | 139.12            | 139.12         | 139.12            | 11155.3        | 2                |
| 54.0         | 140.42            | 140.42         | 140.42            | 11359.4        | 2                |
| 54.5         | 141.72            | 141.72         | 141.72            | 11565.5        | 2                |
| 55.0         | 143.02            | 143.02         | 143.02            | 11773.6        | 2                |
| 55.5         | 144.32            | 144.32         | 144.32            | 11983.7        | 2                |
| 56.0         | 145.62            | 145.62         | 145.62            | 12195.8        | 2                |
| 56.5         | 146.92            | 146.92         | 146.92            | 12409.9        | 2                |
| 57.0         | 148.22            | 148.22         | 148.22            | 12626.0        | 2                |
| 57.5         | 149.52            | 149.52         | 149.52            | 12844.1        | 2                |
| 58.0         | 150.82            | 150.82         | 150.82            | 13064.2        | 2                |
| 58.5         | 152.12            | 152.12         | 152.12            | 13286.3        | 2                |
| 59.0         | 153.42            | 153.42         | 153.42            | 13510.4        | 2                |
| 59.5         | 154.72            | 154.72         | 154.72            | 13736.5        | 2                |
| 60.0         | 156.02            | 156.02         | 156.02            | 13964.6        | 2                |
| 60.5         | 157.32            | 157.32         | 157.32            | 14194.7        | 2                |
| 61.0         | 158.62            | 158.62         | 158.62            | 14426.8        | 2                |
| 61.5         | 159.92            | 159.92         | 159.92            | 14660.9        | 2                |
| 62.0         | 161.22            | 161.22         | 161.22            | 14897.0        | 2                |
| 62.5         | 162.52            | 162.52         | 162.52            | 15135.1        | 2                |
| 63.0         | 163.82            | 163.82         | 163.82            | 15375.2        | 2                |
| 63.5         | 165.12            | 165.12         | 165.12            | 15617.3        | 2                |
| 64.0         | 166.42            | 166.42         | 166.42            | 15861.4        | 2                |
| 64.5         | 167.72            | 167.72         | 167.72            | 16108.5        | 2                |
| 65.0         | 169.02            | 169.02         | 169.02            | 16357.6        | 2                |
| 65.5         | 170.32            | 170.32         | 170.32            | 16609.7        | 2                |
| 66.0         | 171.62            | 171.62         | 171.62            | 16863.8        | 2                |
| 66.5         | 172.92            | 172.92         | 172.92            | 17120.9        | 2                |
| 67.0         | 174.22            | 174.22         | 174.22            | 17379.0        | 2                |
| 67.5         | 175.52            | 175.52         | 175.52            | 17639.1        | 2                |
| 68.0         | 176.82            | 176.82         | 176.82            | 17901.2        | 2                |
| 68.5         | 178.12            | 178.12         | 178.12            | 18165.3        | 2                |
| 69.0         | 179.42            | 179.42         | 179.42            | 18431.4        | 2                |
| 69.5         | 180.72            | 180.72         | 180.72            | 18699.5        | 2                |
| 70.0         | 182.02            | 182.02         | 182.02            | 18969.6        | 2                |
| 70.5         | 183.32            | 183.32         | 183.32            | 19241.7        | 2                |
| 71.0         | 184.62            | 184.62         | 184.62            | 19515.8        | 2                |
| 71.5         | 185.92            | 185.92         | 185.92            | 19792.9        | 2                |
| 72.0         | 187.22            | 187.22         | 187.22            | 20072.0        | 2                |
| 72.5         | 188.52            | 188.52         | 188.52            | 20353.1        | 2                |
| 73.0         | 189.82            | 189.82         | 189.82            | 20636.2        | 2                |
| 73.5         | 191.12            | 191.12         | 191.12            | 20921.3        | 2                |
| 74.0         | 192.42            | 192.42         | 192.42            | 21208.4        | 2                |
| 74.5         | 193.72            | 193.72         | 193.72            | 21497.5        | 2                |
| 75.0         | 195.02            | 195.02         | 195.02            | 21788.6        | 2                |
| 75.5         | 196.32            | 196.32         | 196.32            | 22081.7        | 2                |
| 76.0         | 197.62            | 197.62         | 197.62            | 22376.8        | 2                |
| 76.5         | 198.92            | 198.92         | 198.92            | 22673.9        | 2                |
| 77.0         | 200.22            | 200.22         | 200.22            | 22973.0        | 2                |
| 77.5         | 201.52            | 201.52         | 201.52            | 23274.1        | 2                |
| 78.0         | 202.82            | 202.82         | 202.82            | 23577.2        | 2                |
| 78.5         | 204.12            | 204.12         | 204.12            | 23882.3        | 2                |
| 79.0         | 205.42            | 205.42         | 205.42            | 24189.4        | 2                |
| 79.5         | 206.72            | 206.72         | 206.72            | 24498.5        | 2                |
| 80.0         | 208.02            | 208.02         | 208.02            | 24809.6        | 2                |
| 80.5         | 209.32            | 209.32         | 209.32            | 25122.7        | 2                |
| 81.0         | 210.62            | 210.62         | 210.62            | 25437.8        | 2                |
| 81.5         | 211.92            | 211.92         | 211.92            | 25754.9        | 2                |
| 82.0         | 213.22            | 213.22         | 213.22            | 26074.0        | 2                |
| 82.5         | 214.52            | 214.52         | 214.52            | 26395.1        | 2                |
| 83.0         | 215.82            | 215.82         | 215.82            | 26718.2        | 2                |
| 83.5         | 217.12            | 217.12         | 217.12            | 27043.3        | 2                |
| 84.0         | 218.42            | 218.42         | 218.42            | 27370.4        | 2                |
| 84.5         | 219.72            | 219.72         | 219.72            | 27699.5        | 2                |
| 85.0         | 221.02            | 221.02         | 221.02            | 28030.6        | 2                |
| 85.5         | 222.32            | 222.32         | 222.32            | 28363.7        | 2                |
| 86.0         | 223.62            | 223.62         | 223.62            | 28698.8        | 2                |
| 86.5         | 224.92            | 224.92         | 224.92            | 29035.9        | 2                |
| 87.0         | 226.22            | 226.22         | 226.22            | 29374.0        | 2                |
| 87.5         | 227.52            | 227.52         | 227.52            | 29714.1        | 2                |
| 88.0         | 228.82            | 228.82         | 228.82            | 30056.2        | 2                |
| 88.5         | 230.12            | 230.12         | 230.12            | 30400.3        | 2                |
| 89.0         | 231.42            | 231.42         | 231.42            | 30746.4        | 2                |
| 89.5         | 232.72            | 232.72         | 232.72            | 31094.5        | 2                |
| 90.0         | 234.02            | 234.02         | 234.02            | 31444.6        | 2                |
| 90.5         | 235.32            | 235.32         | 235.32            | 31796.7        | 2                |
| 91.0         | 236.62            | 236.62         | 236.62            | 32150.8        | 2                |
| 91.5         | 237.92            | 237.92         | 237.92            | 32507.9        | 2                |
| 92.0         | 239.22            | 239.22         | 239.22            | 32867.0        | 2                |
| 92.5         | 240.52            | 240.52         | 240.52            | 33229.1        | 2                |
| 93.0         | 241.82            | 241.82         | 241.82            | 33593.2        | 2                |
| 93.5         | 243.12            | 243.12         | 243.12            | 33959.3        | 2                |
| 94.0         | 244.42            | 244.42         | 244.42            | 34327.4        | 2                |
| 94.5         | 245.72            | 245.72         | 245.72            | 34697.5        | 2                |
| 95.0         | 247.02            | 247.02         | 247.02            | 35069.6        | 2                |
| 95.5         | 248.32            | 248.32         | 248.32            | 35443.7        | 2                |
| 96.0         | 249.62            | 249.62         | 249.62            | 35819.8        | 2                |
| 96.5         | 250.92            | 250.92         | 250.92            | 36197.9        | 2                |
| 97.0         | 252.22            | 252.22         | 252.22            | 36578.0        | 2                |
| 97.5         | 253.52            | 253.52         | 253.52            | 36960.1        | 2                |
| 98.0         | 254.82            | 254.82         | 254.82            | 37344.2        | 2                |
| 98.5         | 256.12            | 256.12         | 256.12            | 37730.3        | 2                |
| 99.0         | 257.42            | 257.42         | 257.42            | 38118.4        | 2                |
| 99.5         | 258.72            | 258.72         | 258               |                |                  |

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## Algemene gegevens

|                           |                                         |
|---------------------------|-----------------------------------------|
| Productnaam               | RESISTO 1200 IP65 20W 2800lm 840 SSA03H |
| Technologie               | LED                                     |
| Lampvoet                  | N/A                                     |
| Behuizing                 | PC Polycarbonaat                        |
| Montage                   | Plafondopbouw                           |
| Algemene toepassing       | Logistiek & Industrie                   |
| Omgevingstemperatuur (°C) | -20°C...+40°C                           |
| Werkingstemperatuur (°)   | 25                                      |
| ETIM klasse               | EC002892                                |
| Garantie                  | 5 jaar                                  |

## Optische gegevens

|                               |             |
|-------------------------------|-------------|
| Lumenstroom armatuur (lm)     | 2800        |
| Efficiëntie armatuur lm/W     | 140         |
| Kleurtemperatuur (K)          | 4000        |
| Lichtkleur                    | Neutraalwit |
| CRI (Ra)                      | 80          |
| Initiële kleurvariatie (SDCM) | SDCM5       |
| Kleurafwijking in de tijd     | 5           |
| Bundel breedte (°)            | 110         |
| Type licht distributie        | Diffuus     |
| Luminantiecontrole            | < 22        |
| Fotobiologische risicogroep   | RG1         |

## Elektrische gegevens

|                                                                          |                             |
|--------------------------------------------------------------------------|-----------------------------|
| Totaal energieverbruik (W)                                               | 20                          |
| Primaire voedingsspanning min                                            | 220.0                       |
| Primaire voedingsspanning max                                            | 240.0                       |
| THD (bij 230 V, 50 Hz, volledige belasting, bij 100% dimniveau) ≤ xx.x % | 9                           |
| Elektrische beschermingsklasse                                           | Klasse 1                    |
| Type ballast                                                             | LED constante stroom driver |
| Aantal schakelingen voor vroegtijdige uitval                             | >50000                      |
| Dimbaar                                                                  | Ja                          |
| Dimtechnologie                                                           | SylSmart SSA                |
| Stuurstroom driver (mA)                                                  | 350                         |
| Inschakelstroom (A)                                                      | 29                          |
| Duur inschakelstroom (µs)                                                | 180                         |
| Energie-efficiëntieklasse (A->G) van de lichtbron in dit product         | D                           |
| Nominale frequentie (Hz)                                                 | 50/60Hz                     |
| Max. Armaturen per 10A C automaat                                        | 21                          |
| Max. Armaturen per 16A C automaat                                        | 36                          |
| Max. Armaturen per 16A B automaat                                        | 22                          |
| Aansluitbare geleider doorsnede max                                      | 2.5                         |

## Gegevens levensduur

|                                          |        |
|------------------------------------------|--------|
| Gemiddelde nominale levensduur - L70 B50 | 100000 |
| Gemiddelde nominale levensduur - L80 B20 | 69000  |
| Gemiddelde nominale levensduur - L90 B10 | 31000  |

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**SYLVANIA**

## Fysieke gegevens

|                    |                  |
|--------------------|------------------|
| Kleur behuizing    | Grijs            |
| IP waarde          | IP65             |
| IK waarde          | IK08             |
| Afwerking diffusor | Gezandstraald    |
| Materiaal diffusor | PC Polycarbonaat |
| Lengte (mm)        | 1288             |
| Breedte (mm)       | 87               |
| Hoogte (mm)        | 80               |
| Gewicht (kg)       | 1.75             |

## Verpakkingen

|                                |                |
|--------------------------------|----------------|
| EAN code                       | 5410288104294  |
| Enkele lengte verpakking (cm)  | 120.5          |
| Enkele breedte verpakking (cm) | 10.0           |
| Hoogte eenheidsverpakking (cm) | 8.5            |
| DUN14 (inner)                  | 05410288104294 |
| Eenheden per omdoos            | 1              |
| Lengte omdoos (cm)             | 120.5          |
| Breedte omdoos (cm)            | 10.0           |
| Diepte omdoos (cm)             | 8.5            |

## Veiligheidsgegevens

|                                      |        |
|--------------------------------------|--------|
| Gloeidraad test (°)                  | 850    |
| Optimale bedrijfsomstandigheden (°C) | -20-40 |