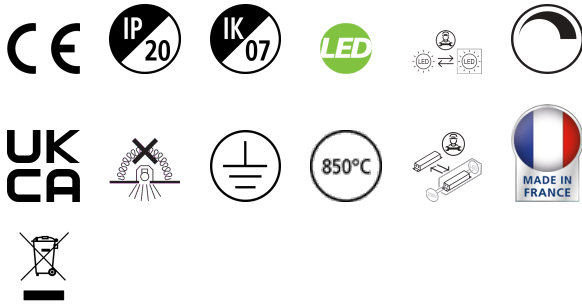


RANA NEO 8800LM S 1500 830 DALI 2L WHITE

Item No: 0054260

SYLVANIA

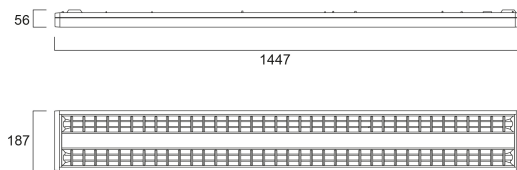
PROTM



Surface or Suspended LED luminaire with Micro Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 1447x187x56mm, White body colour, IP20, IK07, DALI Dimmable, Low LED flicker (+/-5%), Warm White (3000K) LED Colour Temperature, 8800lm, 71W, 123lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse) LED Colour Consistency, UGR<17, Luminance at 65° < 3000 cd/m2, Lifespan: 96,000 hours L80B20, Quick electrical connection with push-connectors in the luminaire, Glow Wire Test 850°C.

Technical Assets

Dimensions (mm)



Photometrics

| Distance [m] | Cone diameter [m] | E171 | E170 | E169 | E168 | E167 | E166 | E165 | E164 | E163 | E162 | E161 | E160 | E159 | E158 | E157 | E156 | E155 | E154 | E153 | E152 | E151 | E150 | E149 | E148 | E147 | E146 | E145 | E144 | E143 | E142 | E141 | E140 | E139 | E138 | E137 | E136 | E135 | E134 | E133 | E132 | E131 | E130 | E129 | E128 | E127 | E126 | E125 | E124 | E123 | E122 | E121 | E120 | E119 | E118 | E117 | E116 | E115 | E114 | E113 | E112 | E111 | E110 | E109 | E108 | E107 | E106 | E105 | E104 | E103 | E102 | E101 | E100 | E99 | E98 | E97 | E96 | E95 | E94 | E93 | E92 | E91 | E90 | E89 | E88 | E87 | E86 | E85 | E84 | E83 | E82 | E81 | E80 | E79 | E78 | E77 | E76 | E75 | E74 | E73 | E72 | E71 | E70 | E69 | E68 | E67 | E66 | E65 | E64 | E63 | E62 | E61 | E60 | E59 | E58 | E57 | E56 | E55 | E54 | E53 | E52 | E51 | E50 | E49 | E48 | E47 | E46 | E45 | E44 | E43 | E42 | E41 | E40 | E39 | E38 | E37 | E36 | E35 | E34 | E33 | E32 | E31 | E30 | E29 | E28 | E27 | E26 | E25 | E24 | E23 | E22 | E21 | E20 | E19 | E18 | E17 | E16 | E15 | E14 | E13 | E12 | E11 | E10 | E9 | E8 | E7 | E6 | E5 | E4 | E3 | E2 | E1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 0.5 | 0.90 0.66 | 2095 | 4900 | 6952 | 9504 | 1225 | 1673 | 2333 | 3144 | 4139 | 5444 | 7144 | 9281 | 11811 | 14681 | 17841 | 21241 | 24841 | 28541 | 32241 | 35841 | 39441 | 42841 | 46041 | 48841 | 51341 | 53541 | 55441 | 57041 | 58341 | 59341 | 60041 | 60441 | 60641 | 60741 | 60841 | 60941 | 61041 | 61141 | 61241 | 61341 | 61441 | 61541 | 61641 | 61741 | 61841 | 61941 | 62041 | 62141 | 62241 | 62341 | 62441 | 62541 | 62641 | 62741 | 62841 | 62941 | 63041 | 63141 | 63241 | 63341 | 63441 | 63541 | 63641 | 63741 | 63841 | 63941 | 64041 | 64141 | 64241 | 64341 | 64441 | 64541 | 64641 | 64741 | 64841 | 64941 | 65041 | 65141 | 65241 | 65341 | 65441 | 65541 | 65641 | 65741 | 65841 | 65941 | 66041 | 66141 | 66241 | 66341 | 66441 | 66541 | 66641 | 66741 | 66841 | 66941 | 67041 | 67141 | 67241 | 67341 | 67441 | 67541 | 67641 | 67741 | 67841 | 67941 | 68041 | 68141 | 68241 | 68341 | 68441 | 68541 | 68641 | 68741 | 68841 | 68941 | 69041 | 69141 | 69241 | 69341 | 69441 | 69541 | 69641 | 69741 | 69841 | 69941 | 70041 | 70141 | 70241 | 70341 | 70441 | 70541 | 70641 | 70741 | 70841 | 70941 | 71041 | 71141 | 71241 | 71341 | 71441 | 71541 | 71641 | 71741 | 71841 | 71941 | 72041 | 72141 | 72241 | 72341 | 72441 | 72541 | 72641 | 72741 | 72841 | 72941 | 73041 | 73141 | 73241 | 73341 | 73441 | 73541 | 73641 | 73741 | 73841 | 73941 | 74041 | 74141 | 74241 | 74341 | 74441 | 74541 | 74641 | 74741 | 74841 | 74941 | 75041 | 75141 | 75241 | 75341 | 75441 | 75541 | 75641 | 75741 | 75841 | 75941 | 76041 | 76141 | 76241 | 76341 | 76441 | 76541 | 76641 | 76741 | 76841 | 76941 | 77041 | 77141 | 77241 | 77341 | 77441 | 77541 | 77641 | 77741 | 77841 | 77941 | 78041 | 78141 | 78241 | 78341 | 78441 | 78541 | 78641 | 78741 | 78841 | 78941 | 79041 | 79141 | 79241 | 79341 | 79441 | 79541 | 79641 | 79741 | 79841 | 79941 | 80041 | 80141 | 80241 | 80341 | 80441 | 80541 | 80641 | 80741 | 80841 | 80941 | 81041 | 81141 | 81241 | 81341 | 81441 | 81541 | 81641 | 81741 | 81841 | 81941 | 82041 | 82141 | 82241 | 82341 | 82441 | 82541 | 82641 | 82741 | 82841 | 82941 | 83041 | 83141 | 83241 | 83341 | 83441 | 83541 | 83641 | 83741 | 83841 | 83941 | 84041 | 84141 | 84241 | 84341 | 84441 | 84541 | 84641 | 84741 | 84841 | 84941 | 85041 | 85141 | 85241 | 85341 | 85441 | 85541 | 85641 | 85741 | 85841 | 85941 | 86041 | 86141 | 86241 | 86341 | 86441 | 86541 | 86641 | 86741 | 86841 | 86941 | 87041 | 87141 | 87241 | 87341 | 87441 | 87541 | 87641 | 87741 | 87841 | 87941 | 88041 | 88141 | 88241 | 88341 | 88441 | 88541 | 88641 | 88741 | 88841 | 88941 | 89041 | 89141 | 89241 | 89341 | 89441 | 89541 | 89641 | 89741 | 89841 | 89941 | 90041 | 90141 | 90241 | 90341 | 90441 | 90541 | 90641 | 90741 | 90841 | 90941 | 91041 | 91141 | 91241 | 91341 | 91441 | 91541 | 91641 | 91741 | 91841 | 91941 | 92041 | 92141 | 92241 | 92341 | 92441 | 92541 | 92641 | 92741 | 92841 | 92941 | 93041 | 93141 | 93241 | 93341 | 93441 | 93541 | 93641 | 93741 | 93841 | 93941 | 94041 | 94141 | 94241 | 94341 | 94441 | 94541 | 94641 | 94741 | 94841 | 94941 | 95041 | 95141 | 95241 | 95341 | 95441 | 95541 | 95641 | 95741 | 95841 | 95941 | 96041 | 96141 | 96241 | 96341 | 96441 | 96541 | 96641 | 96741 | 96841 | 96941 | 97041 | 97141 | 97241 | 97341 | 97441 | 97541 | 97641 | 97741 | 97841 | 97941 | 98041 | 98141 | 98241 | 98341 | 98441 | 98541 | 98641 | 98741 | 98841 | 98941 | 99041 | 99141 | 99241 | 99341 | 99441 | 99541 | 99641 | 99741 | 99841 | 99941 | 100041 |



RANA NEO 8800LM S 1500 830 DALI 2L WHITE

Item No: 0054260

SYLVANIA

General data

| | |
|---|--|
| Product name | RANA NEO 8800LM S 1500 830 DALI 2L WHITE |
| Technology | LED |
| Cap/Base | N/A |
| Housing | Steel |
| Mount | Ceiling surface mounting, Suspended |
| Built in presence detector | NONE |
| General application | Office, Education |
| Operating temperature range (°C) | -5°C...+25°C |
| Performance ambient temperature Tq (°C) | 25 |
| Virtual assistant compatibility | N/A |
| ETIM Class | EC002892 |
| Warranty | 5 years |

Optical data

| | |
|-----------------------------------|------------|
| Fixture luminous flux (lm) | 8800 |
| Luminaire efficacy (lm/W) | 124 |
| Correlated colour temperature (k) | 3000 |
| Light colour | Warm White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM3 |
| Distribution type | Symmetric |
| Glare control | < 19 |
| Photobiological Risk Group | RG0 |

Electrical data

| | |
|--|---------------------------------|
| Emergency type | |
| Total power consumption (W) | 74 |
| Primary Supply/Product voltage - min (V) | 220.0 |
| Primary Supply/Product voltage - max (V) | 240.0 |
| Lamp power factor | 0.95 |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 10 |
| Electrical protection | Class I |
| Control gear required | No |
| Control gear type | LED driver constant current |
| Dimmable | Yes |
| Dimming method | DALI-2 |
| Minimum dimming level (%) | 1 |
| Drive current (mA) | 300 |
| Inrush Current (A) | 29 |
| Inrush Duration (µs) | 180 |
| Energy Efficiency Class (A->G) of contained light source | C, D (more than 1 Light Source) |
| Nominal Frequency (Hz) | 50/60Hz |
| LED Flickering Rate | Ultra low (5% or less) |
| Max. products per 10A C Breaker | 21 |
| Max. products per 13A C Breaker | 28 |
| Max. products per 16A C Breaker | 36 |
| Max. products per 20A C Breaker | 45 |
| Max. products per 10A B Breaker | 13 |
| Max. products per 13A B Breaker | 17 |
| Max. products per 16A B Breaker | 22 |
| Max. products per 20A B Breaker | 27 |
| Connectable conductor cross section - Min (mm ²) | 0.75 |
| Connectable conductor cross section - Max (mm ²) | 2.5 |

RANA NEO 8800LM S 1500 830 DALI 2L WHITE

Item No: 0054260

SYLVANIA

Lifetime data

| | |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L80 B20 | 96000 |

Physical data

| | |
|-----------------------------|----------------------------------|
| Housing colour | RAL 9016 - Traffic white / Bezel |
| IP rating | IP20 |
| IK rating | IK07 |
| Diffuser finish | Opal |
| Diffuser material | PC Polycarbonate |
| Reflector finish | Not Applicable |
| Nominal Product Length (mm) | 1440 |
| Nominal Product Width (mm) | 187 |
| Nominal Product Height (mm) | 47 |
| Weight (kg) | 3.9 |

Packaging

| | |
|---------------------------------------|----------------|
| Product EAN number | 5410288542607 |
| Packaging single length / height (cm) | 153.5 |
| Packaging single width (cm) | 6.5 |
| Packaging single depth (cm) | 21.0 |
| DUN14 (inner) | 05410288542607 |
| Units per outer package | 1 |
| Packaging outer length / height (cm) | 153.5 |
| Packaging outer width (cm) | 6.5 |
| Packaging outer depth (cm) | 21.0 |

Safety data

| | |
|----------------------------------|-------|
| Glow Wire Test (°C) | 850 |
| Optimal operating condition (°C) | -5-25 |