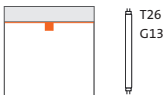
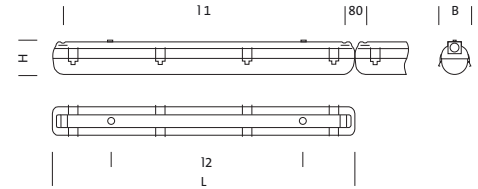


Overview of product data:
5LS41272C
Monsun, 2x36W, T26, ECG, PMMA, dir, SP, surf

1/5


Product description

Monsun®, damp-proof luminaire, primary light control with reflector, of sheet steel, white, primary optical cover: enclosure, of PMMA, inner prismatic structure, light emission: direct distribution, primary light characteristic: symmetric, installation type: suspended mounting, surface-mounted, for 2 x T26 36W, control gear: ECG, with terminal, 3-pole, max. 2.5mm², mains connection: 230V, AC, 50/60Hz, luminaire housing, of glass-fibre reinforced polyester, uncoated, bright grey, length: 1.277 mm, width: 130 mm, height: 110mm, clip for enclosure, of stainless steel (V2A), ceiling mounting element, of stainless steel (V2A), protection rating (complete): IP65, insulation class (complete): insulation class I (protective earthing), certification: CE, ENEC 10, VDE, protection symbol: D, permissible ambient temperature for indoor applications: ≤ +30°C, standard: EN 50419, EN 60598-2-1, for indoor or canopied outdoor use, no direct snow, no direct sun, no direct rain, packaging unit: 1 piece

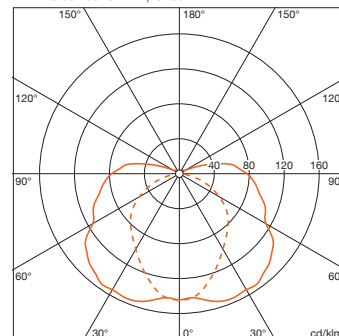


	L	l1	l2	B	H
1xT26 18W	667	584	330	84	102
1xT26 36W	1277	1194	800	84	102
1xT26 58W	1577	1494	1100	84	102
2xT26 18W	667	584	330	130	110
2xT26 36W	1277	1194	800	130	110
2xT26 58W	1577	1494	1100	130	110



Lamps: 2x T26 36W
 Socket: G13
 Wt. (kg): 2.8
 Order No.: 5LS41272C
 GTIN (EAN): 4039806606280

5LS41272C: 2x T26 36W/840
4039806606280
5LS41272C

 2 x T26 36W/840 ϕ 6400 lm

 η_{LB} 66.5% ϕ_d 87% ϕ_t 13%

 Luminance values (cd/m²)

	C 0/180	C 90/270
L ₈₀	7810	2282
L ₇₀	6809	3590
L ₆₅	6406	3920

 UGR 25.7 19.7
 X 4H Y 8H ρ 70/50/20 S 0.25H

No. of luminaires in room

Reflection factors 70/50/20

Em(lx)	100		200		500	
Lh(m)	2.5	3.0	2.5	3.0	2.5	3.0
20 m ²	0.9	1.1	1.8	2.1	4.6	5.3
30 m ²	1.3	1.5	2.6	3.0	6.5	7.4
40 m ²	1.6	1.9	3.3	3.7	8.2	9.3
50 m ²	2.0	2.2	3.9	4.4	9.8	11
75 m ²	2.8	3.0	5.6	6.1	14	15
100 m ²	3.6	3.9	7.2	7.8	18	19
500 m ²	15	16	31	32	77	80

Maintenance factor 0.8

 $R_h = L_h + 0.5 \text{ m}$

You can find a complete overview of lighting technology / planning data from page 4.

Product data details:
5LS41272C

Monsun, 2x36W, T26, ECG, PMMA, dir, SP, surf

2/5



Detailed technical description

Key data

- Product type: damp-proof luminaire
- Family: Monsun®
- Order No.: 5LS41272C

Lighting technology | Lamps | Control gear

Component 1

Lighting technology:

- Light control: reflector of sheet steel, white
- Cover: enclosure, inner prismatic structure
- Beam angle: wide distribution
- Symmetry: symmetric distribution
- Light emission: direct distribution
- UGR viewing direction along longitudinal luminaire axis: ≤ 22
- UGR viewing direction along lateral luminaire axis: ≥ 25

Lamps:

- Lamps: for fluorescent lamp, 2x T26 36W
- Socket: G13
- Supplement: without through-wiring

Operating device:

- Control gear: ECG
- Control: ON/OFF

Material | Colour

- luminaire housing: glass-fibre reinforced polyester, uncoated, bright grey, with chain suspension
- clip for enclosure: stainless steel (V2A)
- Quantity: 8 piece
- ceiling mounting element: stainless steel (V2A), ceiling mounting included
- Quantity: 2 piece
- Cover: enclosure of PMMA

Mounting

- Mounting method, mounting location: suspended mounting, surface-mounted, to wire suspension, to the ceiling, to the mounting rail, to the trunking rail
- Arrangement: single/continuous arrangement

Electrical connection

- Connection: terminal, 3-pole, max. 2.5mm²
- Nominal voltage: 230V, AC, 230..240V, 50/60Hz

Dimensions | Weight

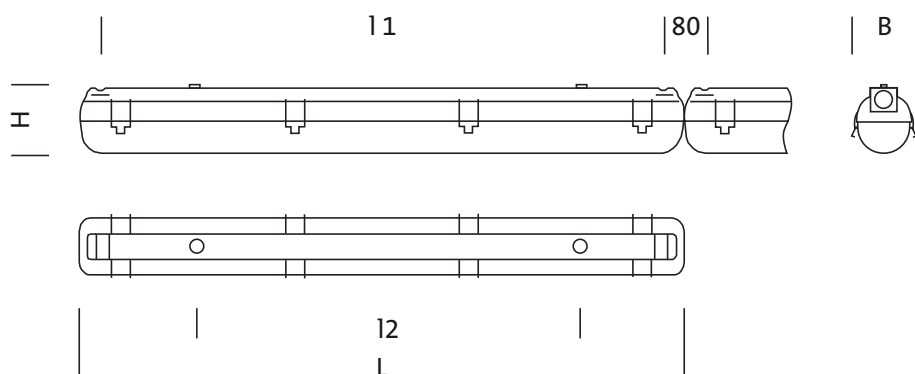
- Length: 1277mm
- Width: 130mm
- Height: 110mm
- Weight: 2.8kg

Certificates | Standards

- Protection rating: IP65
- Insulation class: insulation class I (protective earthing)
- Protection symbol: D
- Permissible ambient temperature: $\leq +30^{\circ}\text{C}$
- Supplement: for indoor or canopied outdoor use, no direct snow, no direct sun, no direct rain
- Standard: EN 50419, EN 60598-2-1
- Certification, designation: CE, ENEC 10, VDE

Dimensions:
5LS41272C
Monsun,2x36W,T26,ECG,PMMA,dir,SP,surf

3/5



	L	l1	l2	B	H
1xT26 18W	667	584	330	84	102
1xT26 36W	1277	1194	800	84	102
1xT26 58W	1577	1494	1100	84	102
2xT26 18W	667	584	330	130	110
2xT26 36W	1277	1194	800	130	110
2xT26 58W	1577	1494	1100	130	110

Lighting technology / Planning data:

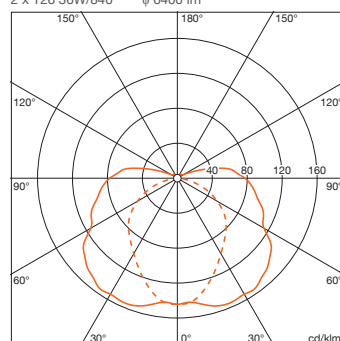
5LS41272C**Monsun, 2x36W, T26, ECG, PMMA, dir, SP, surf**

4/5

5LS41272C: 2x T26 36W/840

4039806606280

5LS41272C

2 x T26 36W/840 ϕ 6400 lm η_{LB} 66.5% ϕ_d 87% ϕ_t 13%Luminance values (cd/m²)

	C 0°/180°	C 90°/270°
L ₈₀	7810	2282
L ₇₀	6809	3590
L ₆₅	6406	3920

UGR 25.7 19.7

X 4H Y 8H ρ 70/50/20 S 0.25H

No. of luminaires in room

Reflection factors 70/50/20

Em(lx)	100		200		500	
Lh(m)	2.5	3.0	2.5	3.0	2.5	3.0
20 m ²	0.9	1.1	1.8	2.1	4.6	5.3
30 m ²	1.3	1.5	2.6	3.0	6.5	7.4
40 m ²	1.6	1.9	3.3	3.7	8.2	9.3
50 m ²	2.0	2.2	3.9	4.4	9.8	11
75 m ²	2.8	3.0	5.6	6.1	14	15
100 m ²	3.6	3.9	7.2	7.8	18	19
500 m ²	15	16	31	32	77	80

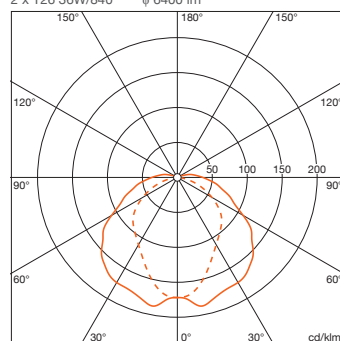
Maintenance factor 0.8

Rh = Lh + 0.5 m

5LS41272C+5LS44202CS: 2x T26 36W/840

4039806606280 + 4039806171610

5LS41272C + 5LS44202CS

2 x T26 36W/840 ϕ 6400 lm η_{LB} 62.3% ϕ_d 94% ϕ_t 6%Luminance values (cd/m²)

	C 0°/180°	C 90°/270°
L ₈₀	4982	2309
L ₇₀	5230	3670
L ₆₅	5336	4118

UGR 24.3 20.5

X 4H Y 8H ρ 70/50/20 S 0.25H

No. of luminaires in room

Reflection factors 70/50/20

Em(lx)	100		200		500	
Lh(m)	2.5	3.0	2.5	3.0	2.5	3.0
20 m ²	0.9	1.0	1.8	2.1	4.4	5.1
30 m ²	1.2	1.4	2.5	2.8	6.2	7.0
40 m ²	1.6	1.8	3.2	3.6	7.9	8.9
50 m ²	1.9	2.1	3.8	4.2	9.4	11
75 m ²	2.7	2.9	5.4	5.9	14	15
100 m ²	3.5	3.8	7.1	7.6	18	19
500 m ²	16	16	31	32	78	81

Maintenance factor 0.8

Rh = Lh + 0.5 m

Lighting technology / Planning data:

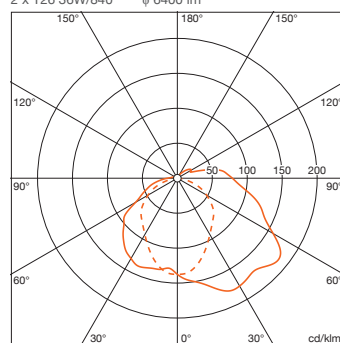
5LS41272C**Monsun,2x36W,T26,ECG,PMMA,dir,SP,surf**

5/5

5LS41272C+5LS44302CS: 2x T26 36W/840

4039806606280 + 4039806171399

5LS41272C + 5LS44302CS

2 x T26 36W/840 ϕ 6400 lm η_{LB} 60.3% ϕ_d 90% ϕ_f 10%

Luminance values (cd/m²)

	C 0/180	C 90/270
L ₈₀	8637	2049
L ₇₀	8394	3318
L ₆₅	8186	3657

UGR 27.7 20.4

X 4H Y 8H P 70/50/20 S 0.25H

No. of luminaires in room

Reflection factors: 70/50/20

Em(lx)	100		200		500	
Lh(m)	2.5	3.0	2.5	3.0	2.5	3.0
20 m²	1.0	1.1	1.9	2.3	4.8	5.6
30 m²	1.4	1.6	2.7	3.1	6.8	7.8
40 m²	1.7	2.0	3.5	3.9	8.7	9.8
50 m²	2.1	2.3	4.1	4.6	10	12
75 m²	2.9	3.2	5.9	6.4	15	16
100 m²	3.8	4.1	7.6	8.2	19	21
500 m²	17	17	33	34	83	86

Maintenance factor 0.8

Rh = Lh + 0.5 m