



REGIOLUX

Product family panella

timeless · weightless · versatile

panella

This luminaire moves boundaries

Here we go new ways. A healthy compromise in favour of profitability brings the panella into play. It easily fulfills the basic requirements of your lighting installation, without neglecting essential quality criteria. A balanced combination of price and performance.

panella – powered by Regiolux.

PEMP/625

PEMP/1250

PEO/625

PEO/1250



Lighting technological characteristics

- very good efficiency with up to 125 lm/W
- diffuser – micro-prismatic suited for VDU workstations
- UV-resistant – lightguide + diffusers
- luminaire dimmable (DALI) available
- equal light distribution through lateral light coupling
- Flicker-free < 5 %



50.000h
L70/B10

PEO/600
PEO/1200

PEMP/600
PEMP/1200



Technological characteristics

- extremely flat height: 13 mm
- insertion, recessed, surface or suspended mounting
- easy and quickly mounting
- E-installation with easy-plug system



LED A+ CE IP 40

Mounting:

- Ceiling insertion
- Ceiling recessed
- Ceiling surface

Housing:

- Aluminium, frame (height 13 mm) white powdered
- Suitable for ceiling system: ceilings with visible T-rails; cut-out ceilings

Lighting technology PEMP:

- Diffuser, micro-prismatic; PMMA plastic
- Lighting characteristic direct distribution; suited for VDU workstations, 65° < 3000 cd/m²

Lighting technology PEO:

- Diffuser, opal; PMMA plastic
- Lighting characteristic direct distribution

Lamps:

- LED SDCM 3
- CRI ≥ 80 / 3000K or CRI ≥ 80 / 4000K

Switching:

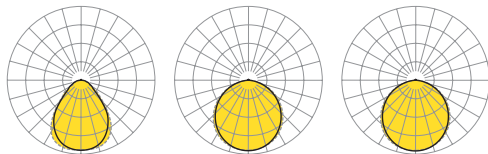
- 1 ballast
- Electronic driver + DALI
- 230 V 50 Hz

Miscellaneous:

- External LED driver operatively wired by 0.4 m long flexible connection cable with easy-plug system to the luminaire

Note:

- IP40 for recessed and surface mounting



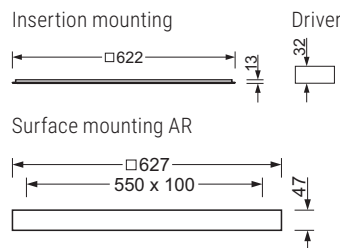
| | PEMP/625 LED 3800 lm 840 | PEO/625 LED 3900 lm 830 | PEO/625 LED 4100 lm 840 | |
|-----------------|-----------------------------|----------------------------|----------------------------|-----------------|
| $\eta_{l,b}$ | 100% | 100% | 100% | $\eta_{l,b}$ |
| lm/W | 111 | 113 | 119 | lm/W |
| direct/indirect | 98/2% | 98/2% | 98/2% | direct/indirect |
| UGR lat./long. | 17,9/18,3 | 20,8/21,4 | 21,0/21,5 | UGR lat./long. |
| VDU | 65° < 3000cd/m² | | | |



Version with opal pane

Dimensions

| Type | Versions | LxBxH | MLxMB | SLxSB | Et |
|-------------|----------|----------------|-----------|-----------|-----|
| PE./625 LED | | 622 x 622 x 13 | 625 x 625 | 612 x 612 | 100 |





Products

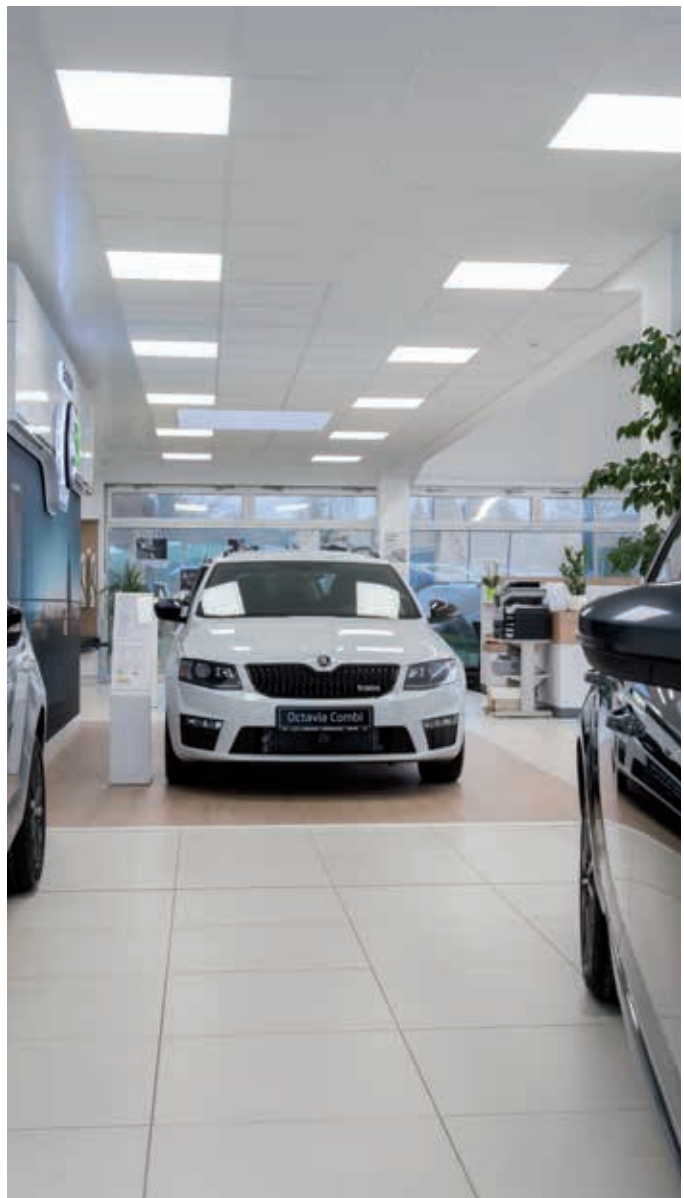
| Type | Lamps | P _{sys} [W] | lm/W | Colour | Ballast | LxBxH | Item number | kg |
|--|----------------|----------------------|------|--------|---------|----------------|---------------|------|
| <i>Diffuser, micro-prismatic direct distribution</i> | | | | | | | | |
| panella-PEMP/625 | LED 3600lm 830 | 35 | 105 | vw | ED | 622 x 622 x 13 | 6015 3034 150 | 3,99 |
| | | | | | DALI | 622 x 622 x 13 | 6015 3036 650 | 3,99 |
| | LED 3800lm 840 | 35 | 111 | vw | ED | 622 x 622 x 13 | 6015 4034 150 | 3,99 |
| | | | | | DALI | 622 x 622 x 13 | 6015 4036 650 | 3,99 |
| <i>Diffuser, opal direct distribution</i> | | | | | | | | |
| panella-PEO/625 | LED 3900lm 830 | 35 | 113 | vw | ED | 622 x 622 x 13 | 6015 3034 110 | 3,99 |
| | | | | | DALI | 622 x 622 x 13 | 6015 3036 610 | 3,99 |
| | LED 4100lm 840 | 35 | 119 | vw | ED | 622 x 622 x 13 | 6015 4034 110 | 3,99 |
| | | | | | DALI | 622 x 622 x 13 | 6015 4036 610 | 3,99 |

Mounting accessories



Accessories

| | Type | Colour | Material | Details | Item number |  |  |
|-------------------|---------------|--------|----------|-------------------------|---------------|---|---|
| <i>Mounting</i> | | | | | | | |
| Fastening bracket | PE-ES 625 | me | St | for panella 625 | 6015 0003 100 | 0,08 | 4 |
| Mounting-ceiling | PE-AR 600/625 | vw | St | for panella 600 and 625 | 6015 0005 100 | 2,50 | 1 |



panella LED



NEW

CE IP 40 / IP 20

Mounting:

- Ceiling insertion
- Ceiling surface
- Suspended

Housing:

- Aluminium, frame (height 13 mm) white powdered
- Suitable for ceiling system: ceilings with visible T-rails

Lighting technology PEMP:

- Diffuser, micro-prismatic; PMMA plastic
- Lighting characteristic direct distribution; suited for VDU workstations, $65^\circ < 3000 \text{ cd/m}^2$

Lighting technology PEO:

- Diffuser, opal; PMMA plastic
- Lighting characteristic direct distribution

Lamps:

- LED SDCM 3
- CRI ≥ 80 / 3000K or CRI ≥ 80 / 4000K

Switching:

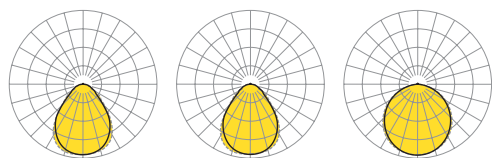
- 1 ballast
- Electronic driver + DALI
- 230 V 50 Hz

Miscellaneous:

- External LED driver operatively wired by 0.4 m long flexible connection cable with easy-plug system to the luminaire

Note:

- IP40 for insertion mounting
- IP20 for surface and suspended mounting

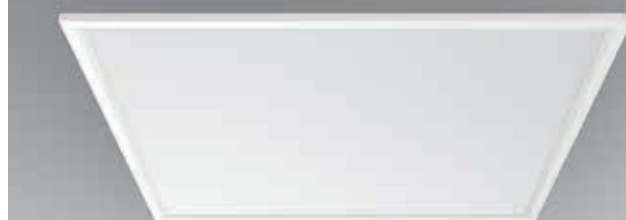


| PEMP/600 LED 3700 lm 840 | | PEMP/600 LED 3600 lm 830 | | PEO/600 LED 3800 lm 840 | |
|-----------------------------|----------------------------------|-----------------------------|----------------------------------|----------------------------|-----------|
| η_{LB} | 100% | η_{LB} | 100% | η_{LB} | 100% |
| lm/W | 106 | lm/W | 102 | lm/W | 108 |
| direct/indirect | 98/2% | direct/indirect | 98/2% | direct/indirect | 98/2% |
| UGR lat./long. | 18,0/18,2 | UGR lat./long. | 18,1/18,3 | UGR lat./long. | 20,8/21,3 |
| VDU | $65^\circ < 3000 \text{ cd/m}^2$ | VDU | $65^\circ < 3000 \text{ cd/m}^2$ | | |

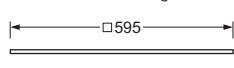
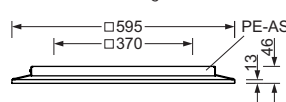
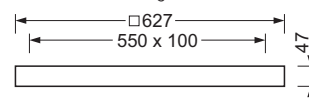
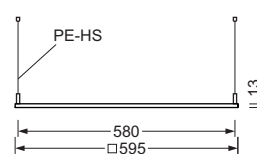
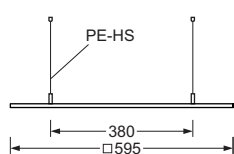


Version with micro-prismatic pane

panella-PEO/600 LE

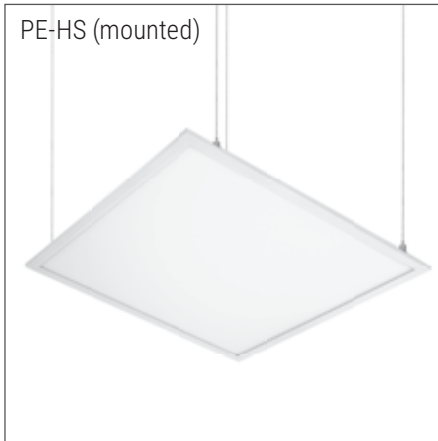
**Dimensions**

| Type | Versions | LxBxH | MLxMB | Et |
|---------|----------|----------------|-----------|-----|
| PE./600 | LED | 595 x 595 x 13 | 600 x 600 | 100 |



Insertion mounting**Driver****Surface mounting AS****Surface mounting AR****Suspended mounting****Products**

| Type | Lamps | P _{sys} [W] | lm/W | Colour | Ballast | LxBxH/DxH | Item number | kg |
|--|----------------|----------------------|------|--------|---------|----------------|---------------|------|
| <i>Diffuser, micro-prismatic direct distribution</i> | | | | | | | | |
| panella-PEMP/600 | LED 3600lm 830 | 35 | 102 | vw | ED | 595 x 595 x 13 | 6016 3034 150 | 3,79 |
| | | | | | DALI | 595 x 595 x 13 | 6016 3036 650 | 3,79 |
| | LED 3700lm 840 | 35 | 106 | vw | ED | 595 x 595 x 13 | 6016 4034 150 | 3,79 |
| | | | | | DALI | 595 x 595 x 13 | 6016 4036 650 | 3,79 |
| <i>Diffuser, opal direct distribution</i> | | | | | | | | |
| panella-PEO/600 | LED 3600lm 830 | 35 | 103 | vw | ED | 595 x 595 x 13 | 6016 3034 110 | 3,79 |
| | | | | | DALI | 595 x 595 x 13 | 6016 3036 610 | 3,79 |
| | LED 3800lm 840 | 35 | 108 | vw | ED | 595 x 595 x 13 | 6016 4034 110 | 3,79 |
| | | | | | DALI | 595 x 595 x 13 | 6016 4036 610 | 3,79 |

Mounting accessories



Accessories

| | Type | Colour | Material | Details | Item number |  |  |
|------------------------|---------------|--------|----------|-------------------------|---------------|---|---|
| <i>Mounting</i> | | | | | | | |
| Single wire suspension | PE-HS | me | Mix | for panella 600 | 6015 0001 100 | 0,17 | 4 |
| Mounting-ceiling | PE-AS 600 | vw | St | for panella 600 | 6015 0002 100 | 0,90 | 1 |
| | PE-AR 600/625 | vw | St | for panella 600 and 625 | 6015 0005 100 | 2,50 | 1 |





LED A+ 3000 V CE IP 40

Mounting:

- Ceiling insertion
- Ceiling recessed

Housing:

- Aluminium, frame (height 13 mm) white powdered
- Suitable for ceiling system: ceilings with visible T-rails; cut-out ceilings

Lighting technology PEMP:

- Diffuser, micro-prismatic; PMMA plastic
- Lighting characteristic direct distribution suited for VDU workstations, 65° < 3000 cd/m²

Lighting technology PEO:

- Diffuser, opal; PMMA plastic
- Lighting characteristic direct distribution

Lamp:

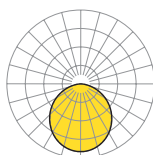
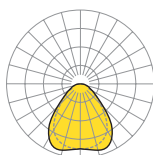
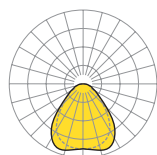
- LED SDCM 3
- CRI ≥ 80 / 3000K or CRI ≥ 80 / 4000K

Switching:

- 1 ballast
- Electronic driver + DALI
- 230 V 50 Hz

Miscellaneous:

- External LED driver operatively wired by 0.4 m long flexible connection cable with easy-plug system to the luminaire



PEMP/312-1250 LED
3500 lm 830

PEMP/312-1250 LED
3800 lm 840

PEO/312-1250 LED
4000 lm 840

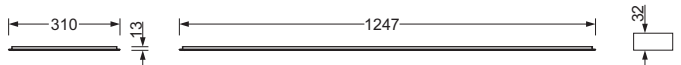
| η_{LB} lm/W | 100% 104 | η_{LB} lm/W | 100% 114 | η_{LB} lm/W | 100% 119 |
|---------------------|-----------------|---------------------|-----------------|---------------------|-------------|
| direct/indirect | 100/0% | direct/indirect | 100/0% | direct/indirect | 100/0% |
| UGR lat./long. | 18,6/18,3 | UGR lat./long. | 18,9/18,6 | UGR lat./long. | 21,4/21,3 |
| VDU | 65° < 3000cd/m² | VDU | 65° < 3000cd/m² | | |

Dimensions

| Type | Versions | LxBxH/DxH | T | KL | KB | KH | MLxMB | Et ¹⁾ |
|-------------------|----------|-----------------|----|-----|----|----|------------|------------------|
| PE./312-1250 IP.. | LED | 1247 x 310 x 13 | 13 | 105 | 69 | 33 | 1250 x 312 | 100 |

¹⁾e = minimum ceiling distance (however only when ceiling construction and luminaires are simultaneously installed): 100 mm

Insertion mounting



Driver



Products

| Type | Lamps | P _{sys} [W] | lm/W | Colour | Ballast | LxBxH/DxH | Item number | kg |
|--|----------------|----------------------|------|--------|---------|-----------------|---------------|------|
| <i>Diffuser, micro-prismatic direct distribution</i> | | | | | | | | |
| panella-PEMP/312-1250 | LED 3500lm 830 | 34 | 104 | vw | ED | 1247 x 310 x 13 | 6013 3034 150 | 4,61 |
| | | | | | DALI | 1247 x 310 x 13 | 6013 3036 650 | 4,61 |
| | LED 3800lm 840 | 34 | 114 | vw | ED | 1247 x 310 x 13 | 6013 4034 150 | 4,61 |
| | | | | | DALI | 1247 x 310 x 13 | 6013 4036 650 | 4,61 |
| <i>Diffuser, opal direct distribution</i> | | | | | | | | |
| panella-PEO/312-1250 | LED 3900lm 830 | 34 | 113 | vw | ED | 1247 x 310 x 13 | 6013 3034 110 | 4,61 |
| | | | | | DALI | 1247 x 310 x 13 | 6013 3036 610 | 4,61 |
| | LED 4000lm 840 | 34 | 119 | vw | ED | 1247 x 310 x 13 | 6013 4034 110 | 4,61 |
| | | | | | DALI | 1247 x 310 x 13 | 6013 4036 610 | 4,61 |

Accessories

| Type | Colour | Material | Details | Item number | kg |
|-------------------|----------|----------|---------|-----------------|----------------------|
| <i>Mounting</i> | | | | | |
| Fastening bracket | PE-ES312 | me | St | for panella 312 | 6015 0006 100 0,12 6 |



LED A+ 3000 V CE IP 40

Mounting:

- Ceiling insertion
- Ceiling surface

Housing:

- Aluminium, frame (height 13 mm) white powdered
- Suitable for ceiling system: ceilings with visible T-rails

Lighting technology PEMP:

- Diffuser, micro-prismatic; PMMA plastic
- Lighting characteristic direct distribution suited for VDU workstations, $65^\circ < 3000 \text{ cd/m}^2$

Lighting technology PEO:

- Diffuser, opal; PMMA plastic
- Lighting characteristic direct distribution

Lamp:

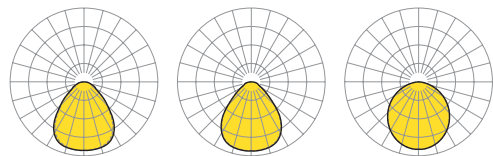
- LED SDCM 3
- CRI ≥ 80 / 3000K or CRI ≥ 80 / 4000K

Switching:

- 1 ballast
- Electronic driver + DALI
- 230 V 50 Hz

Miscellaneous:

- External LED driver operatively wired by 0.4 m long flexible connection cable with easy-plug system to the luminaire

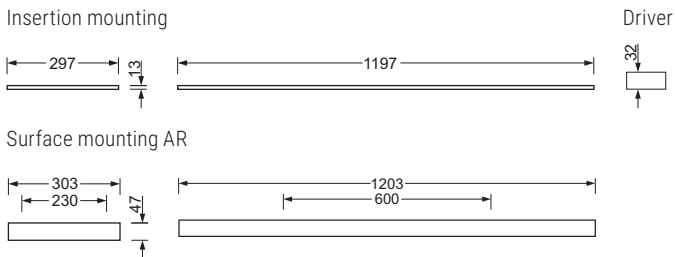


| PEMP/300-1200 LED 3400 lm 830 | | PEMP/300-1200 LED 3600 lm 840 | | PEO/300-1200 LED 3500 lm 830 | |
|----------------------------------|----------------------------------|----------------------------------|----------------------------------|---------------------------------|-----------|
| η_{LB} | 100% | η_{LB} | 100% | η_{LB} | 100% |
| lm/W | 100 | lm/W | 108 | lm/W | 104 |
| direct/indirect | 100/0% | direct/indirect | 100/0% | direct/indirect | 100/0% |
| UGR lat./long. | 18,8/18,5 | UGR lat./long. | 18,6/18,5 | UGR lat./long. | 20,9/20,9 |
| VDU | $65^\circ < 3000 \text{ cd/m}^2$ | VDU | $65^\circ < 3000 \text{ cd/m}^2$ | | |

Dimensions

| Type | Versions | LxBxH/DxH | T | KL | KB | KH | MLxMB | Et ¹⁾ |
|-------------------|----------|-----------------|----|-----|----|----|------------|------------------|
| PE./300-1200 IP.. | LED | 1197 x 297 x 13 | 13 | 105 | 69 | 33 | 1200 x 300 | 100 |

¹⁾e = minimum ceiling distance (however only when ceiling construction and luminaires are simultaneously installed): 100 mm



Products

| Type | Lamps | P _{sys} [W] | lm/W | Colour | Ballast | LxBxH/DxH | Item number | kg |
|--|----------------|----------------------|-----------------|---------------|-----------------|-----------------|---------------|------|
| <i>Diffuser, micro-prismatic direct distribution</i> | | | | | | | | |
| panella-PEMP/300-1200 | LED 3400lm 830 | 34 | 100 | vw | ED | 1197 x 297 x 13 | 6012 3034 150 | 4,15 |
| | DALI | | | | 1197 x 297 x 13 | 6012 3036 650 | 4,15 | |
| | LED 3600lm 840 | ED | 1197 x 297 x 13 | 6012 4034 150 | 4,15 | | | |
| | | DALI | 1197 x 297 x 13 | 6012 4036 650 | 4,15 | | | |
| <i>Diffuser, opal direct distribution</i> | | | | | | | | |
| panella-PEO/300-1200 | LED 3500lm 830 | 34 | 104 | vw | ED | 1197 x 297 x 13 | 6012 3034 110 | 4,15 |
| | DALI | | | | 1197 x 297 x 13 | 6012 3036 610 | 4,15 | |
| | LED 3800lm 840 | ED | 1197 x 297 x 13 | 6012 4034 110 | 4,15 | | | |
| | | DALI | 1197 x 297 x 13 | 6012 4036 610 | 4,15 | | | |

Accessories

| Type | Colour | Material | Details | Item number | kg |
|------------------|-----------|----------|---------|-----------------|----------------------|
| <i>Mounting</i> | | | | | |
| Mounting-ceiling | PE-AR 300 | vw | St | for panella 300 | 6015 0007 100 3,00 1 |



Mounting:

- Suspended

Housing:

- Aluminium, frame (height 13 mm) white powdered

Lighting technology PHMPI:

- Diffuser, micro-prismatic; PMMA plastic
- Lighting characteristic direct/indirect distribution suited for VDU workstations, $65^\circ < 3000 \text{ cd/m}^2$

Lamp:

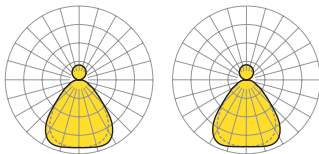
- LED SDCM 3
- CRI ≥ 80 / 3000K or CRI ≥ 80 / 4000K

Switching:

- 1 ballast
- Electronic driver + DALI
- 230 V 50 Hz

Miscellaneous:

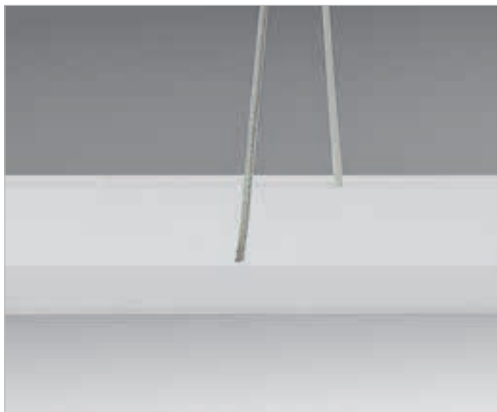
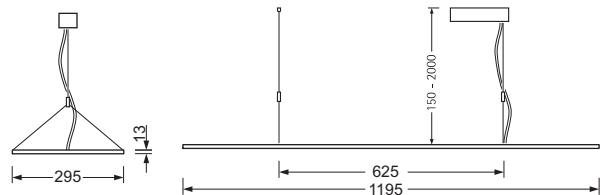
- Y-wire suspension with 1.8 m long easy-plug system connection cable and ceiling canopy included in the scope of delivery



| PHMPI/1200 LED 4000 lm 830 | | PHMPI/1200 LED 4300 lm 840 | |
|-------------------------------|----------------------------------|-------------------------------|----------------------------------|
| η_{LB} | 100% | η_{LB} | 100% |
| lm/W | 116 | lm/W | 125 |
| direct/indirect | 78/22% | direct/indirect | 78/22% |
| UGR lat./long. | 16,7/16,4 | UGR lat./long. | 16,9/16,6 |
| VDU | $65^\circ < 3000 \text{ cd/m}^2$ | VDU | $65^\circ < 3000 \text{ cd/m}^2$ |

Dimensions

| Type | Versions | LxBxH/DxH | A1 | P min/max |
|----------|----------|-----------------|-----|---------------|
| PH./1200 | LED | 1195 x 295 x 13 | 625 | 150 - 2000 mm |



Design integrated wire suspension

Products

| Type | Lamps | P _{sys} [W] | lm/W | Colour | Ballast | LxBxH/DxH | Item number | kg |
|---|----------------|----------------------|------|--------|---------|-----------------|---------------|------|
| <i>Diffuser, micro-prismatic direct/indirect distribution</i> | | | | | | | | |
| panella-PHMPI/1200 | LED 4000lm 830 | 34 | 116 | vw | ED | 1195 x 295 x 13 | 6020 3034 150 | 4,60 |
| | | | | | DALI | 1195 x 295 x 13 | 6020 3036 650 | 4,60 |
| | LED 4300lm 840 | 34 | 125 | vw | ED | 1195 x 295 x 13 | 6020 4034 150 | 4,60 |
| | | | | | DALI | 1195 x 295 x 13 | 6020 4036 650 | 4,60 |



Photo index

| | | |
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| | 5 | Christian Tech, Fulda DE · Autohaus Herold, Heiligenstadt Ofr. DE |
| | 7 | Jana Wenderoth, Kassel DE · Einkaufsmarkt, Sandershausen DE |
| | 11 | Christian Tech, Fulda DE · ZEE - Zentrum für Elektromobilität und Energieeffizienz, Barleben DE |

Regiolux



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