

FEATURES

- High end aluminum heatsink with a unique elegant design
- Illuxtron patented optical lens system that makes pin-hole light possible
- Anti glare cap that ensures no stray light. The total light opening is only 8mm!

Bartenbach^B
lighting optics



SPRINGS

Standard with WS springs (gyproc/metal).
Also available as above with CS springs (concrete).



COLOURS

Available colours:



Matt white RAL 9016 (XX=MW)
Matt black RAL 9005 (XX=BL)

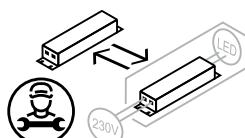
Pointer 40 (Gen2)

Fixed

SPECIFICATIONS

| | |
|----------------------------|---|
| Beam angle (FWHM) | 35° (45° FWTM) / 60° (80° FWTM) |
| Fixture material | Housing: Die cast aluminium |
| Environment | Indoor |
| IK rate | IK10 |
| Operating temperature (Ta) | -20°C / +45°C ¹ |
| Safety marks | EN60598 / EN62031 / EN62471 |
| EMC compliance | EN55015 |
| Colour consistency (SDCM) | MacAdam step 3 |
| Warranty | 7 years * (within the European Union and the countries of the Free Trade Association for products delivered after 1 May 2015) |
| Energy class | These products contain a light source of energy efficiency class F (2700K/3000K) / E (4000K) |

This luminaire contains built-in LED lamps. There are no exchangeable parts inside the luminaire. EU 874/2012



Only when the product is installed in a closed ceiling it may be exposed to water splashes, and only on its front side.

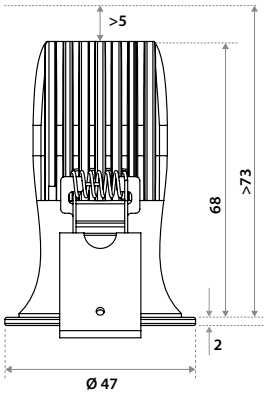
IP20

IP44

POINTER 40 VARIATIONS

| | | | |
|----------------|----------------|---|--------|
| Pointer 40 LV | CRI93 220-240V | incl. power supply | page 3 |
| Pointer 40 LVC | CRI93 500mA | to be connected to a central power supply | page 4 |
| Pointer 40 LV | CRI82 220-240V | incl. power supply | page 5 |
| Pointer 40 LVC | CRI82 500mA | to be connected to a central power supply | page 6 |

DIMENSIONS



CUT-OUT



Using **WS springs**: Ø 40 mm.
Thickness ceiling 1-25 mm
& recess depth 73 mm.



Using **CS springs**: Ø 40 mm.
Thickness ceiling 5-73 mm
& recess depth 73 mm.

FIRE RATING TUBE

| Description | Item code | Cut-out | time |
|---------------------|--------------|----------|---------|
| Fire rating tube 40 | 009E03MW0000 | ø45x61mm | 90 min. |

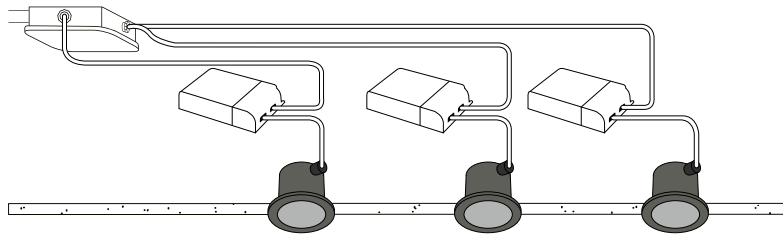
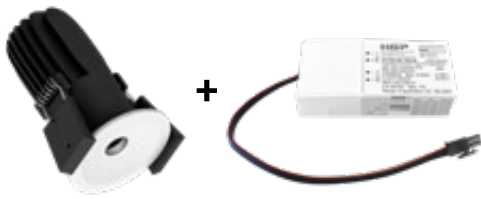


⚠ Only in combination with
WS (wire) springs versions.

POINTER 40 (dimmable - incl. individual power supply)

CRI93 / 220-240V

Downlight incl. PSU



ITEM SPECIFICATIONS (PART A)

| Description | Item code WS | Item code CS | Input | W | Lm | Lm/W | CRI (typ.) | UGR | Pf | Ripple | Inrush current | B-16A Fuse |
|--|--------------|--------------|----------|-----|-----|------|------------|------|------|--------|----------------|------------|
| Pointer 40 LV 35° 225 Lm 2700K CRI93 No dim | 0N3W03XXWA13 | 0N3W03XXLU13 | 220-240V | 6,6 | 225 | 34 | 93 | 5.9 | 0.88 | <3% | 6,9A 2,6μS | 72 pcs |
| Pointer 40 LV 35° 250 Lm 3000K CRI93 No dim | 0N3W03XXWB13 | 0N3W03XXLV13 | 220-240V | 6,6 | 250 | 38 | 93 | 6.2 | 0.88 | <3% | 6,9A 2,6μS | 72 pcs |
| Pointer 40 LV 35° 275 Lm 4000K CRI93 No dim | 0N3W03XXWC13 | 0N3W03XXLW13 | 220-240V | 6,6 | 275 | 42 | 93 | 6.6 | 0.88 | <3% | 6,9A 2,6μS | 72 pcs |
| Pointer 40 LV 60° 375 Lm 2700K CRI93 No dim | 0N3W03XXWD13 | 0N3W03XXLX13 | 220-240V | 6,6 | 375 | 57 | 93 | 17.6 | 0.88 | <3% | 6,9A 2,6μS | 72 pcs |
| Pointer 40 LV 60° 400 Lm 3000K CRI93 No dim | 0N3W03XXWE13 | 0N3W03XXLY13 | 220-240V | 6,6 | 400 | 61 | 93 | 17.8 | 0.88 | <3% | 6,9A 2,6μS | 72 pcs |
| Pointer 40 LV 60° 425 Lm 4000K CRI93 No dim | 0N3W03XXWF13 | 0N3W03XXLZ13 | 220-240V | 6,6 | 425 | 64 | 93 | 18.0 | 0.88 | <3% | 6,9A 2,6μS | 72 pcs |
| Pointer 40 LV 35° 225 Lm 2700K CRI93 Triac dim | 0N3W03XXWN13 | 0N3W03XXLG13 | 220-240V | 6,6 | 225 | 34 | 93 | 5.9 | 0.95 | <3% | 8.4A 544μS | 80 pcs |
| Pointer 40 LV 35° 250 Lm 3000K CRI93 Triac dim | 0N3W03XXWP13 | 0N3W03XXLH13 | 220-240V | 6,6 | 250 | 38 | 93 | 6.2 | 0.95 | <3% | 8.4A 544μS | 80 pcs |
| Pointer 40 LV 35° 275 Lm 2750K CRI93 Triac dim | 0N3W03XXWQ13 | 0N3W03XXLJ13 | 220-240V | 6,6 | 275 | 42 | 93 | 6.6 | 0.95 | <3% | 8.4A 544μS | 80 pcs |
| Pointer 40 LV 60° 375 Lm 2700K CRI93 Triac dim | 0N3W03XXWR13 | 0N3W03XXLK13 | 220-240V | 6,6 | 375 | 57 | 93 | 17.6 | 0.95 | <3% | 8.4A 544μS | 80 pcs |
| Pointer 40 LV 60° 400 Lm 3000K CRI93 Triac dim | 0N3W03XXWS13 | 0N3W03XXLL13 | 220-240V | 6,6 | 400 | 61 | 93 | 17.8 | 0.95 | <3% | 8.4A 544μS | 80 pcs |
| Pointer 40 LV 60° 425 Lm 4000K CRI93 Triac dim | 0N3W03XXWT13 | 0N3W03XXLM13 | 220-240V | 6,6 | 425 | 64 | 93 | 18.0 | 0.95 | <3% | 8.4A 544μS | 80 pcs |

ITEM SPECIFICATIONS (PART B)

| Description | Safety class | Energy class | Weight | Dimensions single carton | Quantity per carton | Expected Lifetime | | | Reported Lifetime* | | |
|---------------------------|--------------|--------------|--------|--------------------------|---------------------|-------------------|-------------|------------|--------------------|--------------|------------|
| | | | | | | L70B10 | L80B10 | L90B10 | L70B10 | L80B10 | L90B10 |
| Pointer 40 LV 2700K CRI93 | II | F | 200 gr | 105x105x61 mm | 42 pcs | 177.000 hrs | 113.000 hrs | 51.000 hrs | >102.000 hrs | >102.000 hrs | 51.000 hrs |
| Pointer 40 LV 3000K CRI93 | II | F | 200 gr | 105x105x61 mm | 42 pcs | 177.000 hrs | 113.000 hrs | 51.000 hrs | >102.000 hrs | >102.000 hrs | 51.000 hrs |
| Pointer 40 LV 4000K CRI93 | II | E | 200 gr | 105x105x61 mm | 42 pcs | 177.000 hrs | 113.000 hrs | 51.000 hrs | >102.000 hrs | >102.000 hrs | 51.000 hrs |

All values are measured at 230V (+/- 7%). *Based on 17.000hrs of LM80 testing at 700mA and a Tc85 °C.

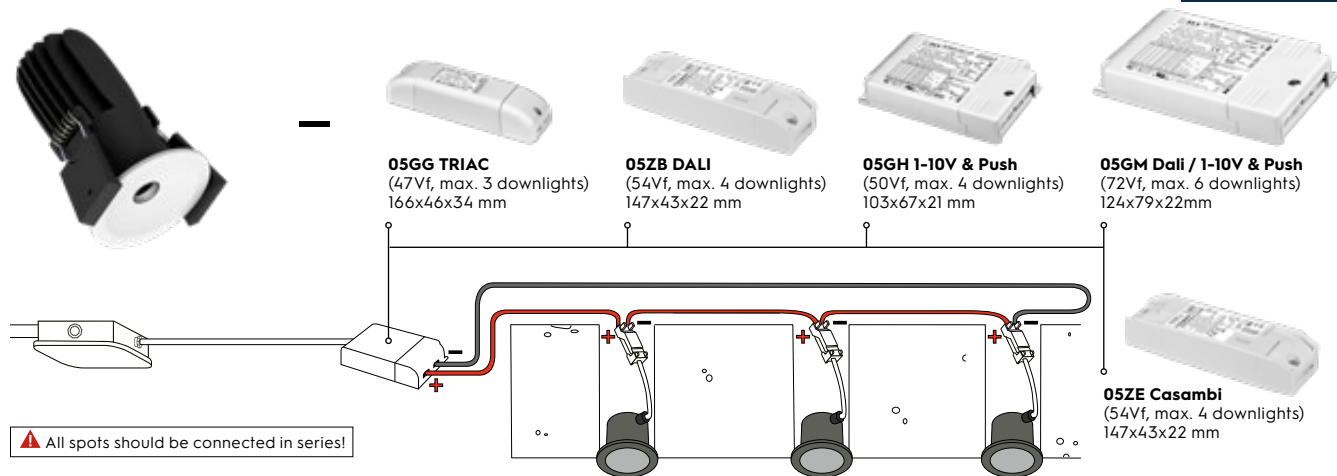
INCL. PSU

PSU KGP CC7W100-700 No dim 65x29x18 mm
PSU EldoLED EC12NA-E1ZLP Triac dim 128.8x32x25.7 mm



POINTER 40 (dimmable - excl. central power supply)

CRI93 / 500 mA



ITEM SPECIFICATIONS (PART A)

| Description | Item code WS | Item code CS | Input | Vf | W | Lm | Lm/W | CRI (typ.) | UGR | Pf | Ripple | Inrush current | B-16A Fuse |
|---|-----------------|-----------------|-------|------|-----|-----|------|---------------|------|----|--------|-------------------|---------------|
| Pointer 40 LVC 500mA 35° 225 Lm 2700K CRI93 Dim | 0N3W03XXWN1I | 0N3W03XXLG1I | 500mA | 11,4 | 5,7 | 225 | 39 | 93 | 5,9 | x | x | x | x |
| Pointer 40 LVC 500mA 35° 250 Lm 3000K CRI93 Dim | 0N3W03XXWP1I | 0N3W03XXLH1I | 500mA | 11,4 | 5,7 | 250 | 44 | 93 | 6,2 | x | x | x | x |
| Pointer 40 LVC 500mA 35° 275 Lm 4000K CRI93 Dim | 0N3W03XXWQ1I | 0N3W03XXLJ1I | 500mA | 11,4 | 5,7 | 275 | 48 | 93 | 6,6 | x | x | x | x |
| Pointer 40 LVC 500mA 60° 375 Lm 2700K CRI93 Dim | 0N3W03XXWR1I | 0N3W03XXLK1I | 500mA | 11,4 | 5,7 | 375 | 66 | 93 | 17,6 | x | x | x | x |
| Pointer 40 LVC 500mA 60° 400 Lm 3000K CRI93 Dim | 0N3W03XXWS1I | 0N3W03XXLL1I | 500mA | 11,4 | 5,7 | 400 | 70 | 93 | 17,8 | x | x | x | x |
| Pointer 40 LVC 500mA 60° 425 Lm 4000K CRI93 Dim | 0N3W03XXWT1I | 0N3W03XXLM1I | 500mA | 11,4 | 5,7 | 425 | 75 | 93 | 18,0 | x | x | x | x |

ITEM SPECIFICATIONS (PART B)

| Description | Safety class | Energy class | Weight | Dimensions single carton | Quantity per carton | Expected Lifetime | | | Reported Lifetime* | | |
|----------------------------------|-----------------|-----------------|--------|-----------------------------|------------------------|-------------------|-------------|------------|--------------------|--------------|------------|
| | | | | | | L70B10 | L80B10 | L90B10 | L70B10 | L80B10 | L90B10 |
| Pointer 40 LVC 500mA 2700K CRI93 | III | F | 150 gr | 105x105x61 mm | 42 pcs | 177.000 hrs | 113.000 hrs | 51.000 hrs | >102.000 hrs | >102.000 hrs | 51.000 hrs |
| Pointer 40 LVC 500mA 3000K CRI93 | III | F | 150 gr | 105x105x61 mm | 42 pcs | 177.000 hrs | 113.000 hrs | 51.000 hrs | >102.000 hrs | >102.000 hrs | 51.000 hrs |
| Pointer 40 LVC 500mA 4000K CRI93 | III | E | 150 gr | 105x105x61 mm | 42 pcs | 177.000 hrs | 113.000 hrs | 51.000 hrs | >102.000 hrs | >102.000 hrs | 51.000 hrs |

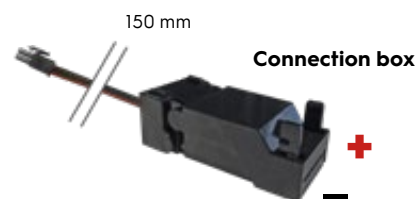
ITEM SPECIFICATIONS (PSU)

| Description | Item code | Input | Watt | Current | Efficiency | Pf | Ripple | Weight | Inrush current | B-16A Fuse |
|-----------------------------------|--------------|----------|------------|---------|------------|------|--------|--------|-------------------|---------------|
| PSU 24W 500mA Triac | 05GG03MLME00 | 220-240V | 24W (47Vf) | 500mA | 85% | 0,97 | <3% | 138 gr | 5A 50µS | 50 pcs |
| PSU 27W 500mA Dali | 05ZB03MLME00 | 220-240V | 27W (54Vf) | 500mA | 89% | 0,95 | <3% | 139 gr | 5A 50µS | 50 pcs |
| PSU 25W 500mA 1-10V & Push | 05GH03MLME00 | 220-240V | 25W (50Vf) | 500mA | 88% | 0,95 | <3% | 138 gr | 5A 50µS | 50 pcs |
| PSU 27W 500mA Casambi | 05ZE03MLME00 | 220-240V | 27W (54Vf) | 500mA | 89% | 0,95 | <3% | 139 gr | 5A 50µS | 50 pcs |
| PSU 35W 500mA Dali / 1-10V & Push | 05GM03MLME00 | 220-240V | 35W (72Vf) | 500mA | 89% | 0,95 | <3% | 218 gr | 10A 200µS | 30 pcs |

All values are measured at 230V (+/- 7%). *Based on 17.000hrs of LM80 testing at 500mA and a Tc85 °C.

INCLUDING CONNECTION BOX

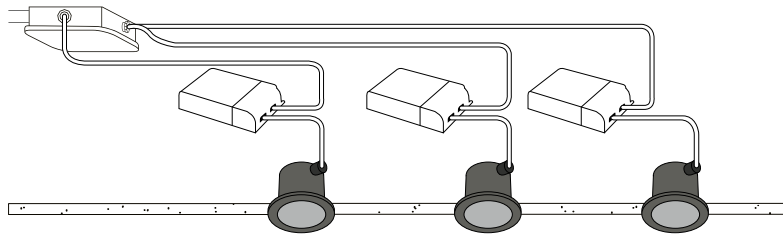
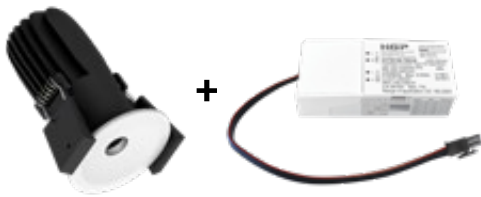
For installation to a central power supply.



POINTER 40 (dimmable - incl. individual power supply)

CRI82 / 220-240V

Downlight incl. PSU



ITEM SPECIFICATIONS (PART A)

| Description | Item code WS | Item code CS | Input | W | Lm | Lm/W | CRI (typ.) | UGR | Pf | Ripple | Inrush current | B-16A Fuse |
|--|--------------|--------------|----------|-----|-----|------|------------|------|------|--------|----------------|------------|
| Pointer 40 LV 35° 350 Lm 2700K CRI82 No dim | 0N2703XXWA13 | 0N2703XXLU13 | 220-240V | 6,6 | 350 | 53 | 82 | 7.4 | 0.88 | <3% | 6,9A 2,6μS | 72 pcs |
| Pointer 40 LV 35° 375 Lm 3000K CRI82 No dim | 0N2703XXWB13 | 0N2703XXLV13 | 220-240V | 6,6 | 375 | 57 | 82 | 7.6 | 0.88 | <3% | 6,9A 2,6μS | 72 pcs |
| Pointer 40 LV 35° 400 Lm 4000K CRI82 No dim | 0N2703XXWC13 | 0N2703XXLW13 | 220-240V | 6,6 | 400 | 61 | 82 | 7.9 | 0.88 | <3% | 6,9A 2,6μS | 72 pcs |
| Pointer 40 LV 60° 400 Lm 2700K CRI82 No dim | 0N2703XXWD13 | 0N2703XXLX13 | 220-240V | 6,6 | 400 | 61 | 82 | 17.8 | 0.88 | <3% | 6,9A 2,6μS | 72 pcs |
| Pointer 40 LV 60° 425 Lm 3000K CRI82 No dim | 0N2703XXWE13 | 0N2703XXLY13 | 220-240V | 6,6 | 425 | 64 | 82 | 18.0 | 0.88 | <3% | 6,9A 2,6μS | 72 pcs |
| Pointer 40 LV 60° 450 Lm 4000K CRI82 No dim | 0N2703XXWF13 | 0N2703XXLZ13 | 220-240V | 6,6 | 450 | 68 | 82 | 18.2 | 0.88 | <3% | 6,9A 2,6μS | 72 pcs |
| Pointer 40 LV 35° 350 Lm 2700K CRI82 Triac dim | 0N2703XXWN13 | 0N2703XXLG13 | 220-240V | 6,6 | 350 | 53 | 82 | 7.4 | 0.95 | <3% | 8.4A 544μS | 80 pcs |
| Pointer 40 LV 35° 375 Lm 3000K CRI82 Triac dim | 0N2703XXWP13 | 0N2703XXLH13 | 220-240V | 6,6 | 375 | 57 | 82 | 7.6 | 0.95 | <3% | 8.4A 544μS | 80 pcs |
| Pointer 40 LV 35° 400 Lm 4000K CRI82 Triac dim | 0N2703XXWQ13 | 0N2703XXLI13 | 220-240V | 6,6 | 400 | 61 | 82 | 7.9 | 0.95 | <3% | 8.4A 544μS | 80 pcs |
| Pointer 40 LV 60° 400 Lm 2700K CRI82 Triac dim | 0N2703XXWR13 | 0N2703XXLK13 | 220-240V | 6,6 | 400 | 61 | 82 | 17.8 | 0.95 | <3% | 8.4A 544μS | 80 pcs |
| Pointer 40 LV 60° 425 Lm 3000K CRI82 Triac dim | 0N2703XXWS13 | 0N2703XXLL13 | 220-240V | 6,6 | 425 | 64 | 82 | 18.0 | 0.95 | <3% | 8.4A 544μS | 80 pcs |
| Pointer 40 LV 60° 450 Lm 4000K CRI82 Triac dim | 0N2703XXWT13 | 0N2703XXLM13 | 220-240V | 6,6 | 450 | 68 | 82 | 18.2 | 0.95 | <3% | 8.4A 544μS | 80 pcs |

ITEM SPECIFICATIONS (PART B)

| Description | Safety class | Energy class | Weight | Dimensions single carton | Quantity per carton | Expected Lifetime B10 reported (25°C) | | |
|---------------------------|--------------|--------------|--------|--------------------------|---------------------|---------------------------------------|-------------|-------------|
| | | | | | | L70B10 | L80B10 | L90B10 |
| Pointer 40 LV 2700K CRI82 | II | F | 200 gr | 105x105x61 mm | 42 pcs | >60.000 hrs | >60.000 hrs | >60.000 hrs |
| Pointer 40 LV 3000K CRI82 | II | F | 200 gr | 105x105x61 mm | 42 pcs | >60.000 hrs | >60.000 hrs | >60.000 hrs |
| Pointer 40 LV 4000K CRI82 | II | E | 200 gr | 105x105x61 mm | 42 pcs | >60.000 hrs | >60.000 hrs | >60.000 hrs |

All values are measured at 230V (+/- 7%).

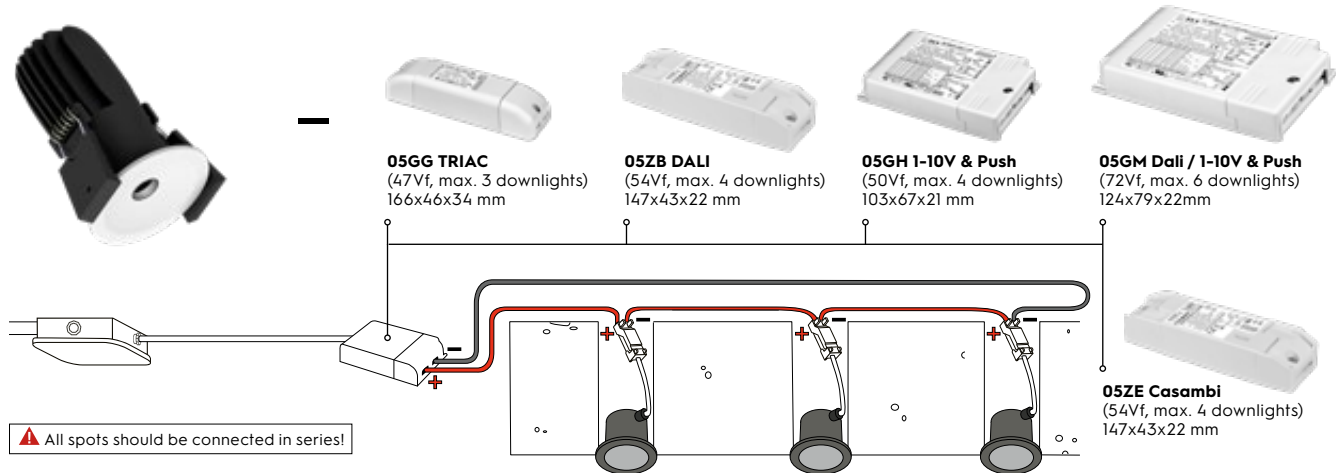
INCL. PSU

PSU KGP CC7W100-700 No dim 65x29x18 mm
PSU EidoLED EC12NA-EIZLP Triac dim 128.8x32x25.7 mm



POINTER 40 (dimmable - excl. central power supply)

CRI82 / 500 mA



ITEM SPECIFICATIONS (PART A)

| Description | Item code WS | Item code CS | Input | Vf | W | Lm | Lm/W | CRI (typ.) | UGR | Pf | Ripple | Inrush current | B-16A Fuse |
|---|--------------|--------------|-------|------|-----|-----|------|------------|------|----|--------|----------------|------------|
| Pointer 40 LVC 500mA 35° 350 Lm 2700K CRI82 Dim | 0N2703XXWN1I | 0N2703XXLG1I | 500mA | 11,4 | 5,7 | 350 | 61 | 82 | 7.4 | x | x | x | x |
| Pointer 40 LVC 500mA 35° 375 Lm 3000K CRI82 Dim | 0N2703XXWP1I | 0N2703XXLH1I | 500mA | 11,4 | 5,7 | 375 | 66 | 82 | 7.6 | x | x | x | x |
| Pointer 40 LVC 500mA 35° 400 Lm 4000K CRI82 Dim | 0N2703XXWQ1I | 0N2703XXLJ1I | 500mA | 11,4 | 5,7 | 400 | 70 | 82 | 7.9 | x | x | x | x |
| Pointer 40 LVC 500mA 60° 400 Lm 2700K CRI82 Dim | 0N2703XXWR1I | 0N2703XXLK1I | 500mA | 11,4 | 5,7 | 400 | 70 | 82 | 17.8 | x | x | x | x |
| Pointer 40 LVC 500mA 60° 425 Lm 3000K CRI82 Dim | 0N2703XXWS1I | 0N2703XXLL1I | 500mA | 11,4 | 5,7 | 425 | 75 | 82 | 18.0 | x | x | x | x |
| Pointer 40 LVC 500mA 60° 450 Lm 4000K CRI82 Dim | 0N2703XXWT1I | 0N2703XXLM1I | 500mA | 11,4 | 5,7 | 450 | 79 | 82 | 18.2 | x | x | x | x |

ITEM SPECIFICATIONS (PART B)

| Description | Safety class | Energy class | Weight | Dimensions single carton | Quantity per carton | Expected Lifetime B10 reported (25°C) | | |
|----------------------------------|--------------|--------------|--------|--------------------------|---------------------|---------------------------------------|-------------|-------------|
| | | | | | | L70B10 | L80B10 | L90B10 |
| Pointer 40 LVC 500mA 2700K CRI82 | III | F | 150 gr | 105x105x61 mm | 42 pcs | >60.000 hrs | >60.000 hrs | >60.000 hrs |
| Pointer 40 LVC 500mA 3000K CRI82 | III | F | 150 gr | 105x105x61 mm | 42 pcs | >60.000 hrs | >60.000 hrs | >60.000 hrs |
| Pointer 40 LVC 500mA 4000K CRI82 | III | E | 150 gr | 105x105x61 mm | 42 pcs | >60.000 hrs | >60.000 hrs | >60.000 hrs |

ITEM SPECIFICATIONS (PSU)

| Description | Item code | Input | Watt | Current | Efficiency | Pf | Ripple | Weight | Inrush current | B-16A Fuse |
|-----------------------------------|--------------|----------|------------|---------|------------|------|--------|--------|----------------|------------|
| PSU 24W 500mA Triac | 05GG03MLME00 | 220-240V | 24W (47Vf) | 500mA | 85% | 0.97 | <3% | 138 gr | 5A 50µS | 50 pcs |
| PSU 27W 500mA Dali | 05ZB03MLME00 | 220-240V | 27W (54Vf) | 500mA | 89% | 0.95 | <3% | 139 gr | 5A 50µS | 50 pcs |
| PSU 25W 500mA 1-10V & Push | 05GH03MLME00 | 220-240V | 25W (50Vf) | 500mA | 88% | 0.95 | <3% | 138 gr | 5A 50µS | 50 pcs |
| PSU 27W 500mA Casambi | 05ZE03MLME00 | 220-240V | 27W (54Vf) | 500mA | 89% | 0.95 | <3% | 139 gr | 5A 50µS | 50 pcs |
| PSU 35W 500mA Dali / 1-10V & Push | 05GM03MLME00 | 220-240V | 35W (72Vf) | 500mA | 89% | 0.95 | <3% | 218 gr | 10A 200µS | 30 pcs |

All values are measured at 230V (+/- 7%).

INCLUDING CONNECTION BOX

For installation to a central power supply.

