



ESPERIA HID / RM are a range of fittings suitable for discharge lamps up to a max 600W, manufactured from AISI 316L corrosion resistant stainless steel. Suitable for use in chemically aggressive harsh ambient conditions and corrosive atmospheres e.g. tunnel lighting, galvanic treatment plants, mines, marine and coastal applications etc. Fittings require remote control gear box to be ordered as a separate item along with fitting. Control gear boxes should be installed at a max distance of 1.5M from fitting. ESPERIA HID fittings are available with a range of reflectors; symmetrical, extra wide beam symmetrical, asymmetrical $imax$ 40° and 55° and street lighting, to satisfy a variety of applications. Fittings are supplied complete with 1.5M H07RN-F 2x1,5 mm² cable. Polycarbonate cover versions, suitable for food industries, are under development.

- AISI 316 stainless steel body and adjustable bracket.
 - Reflectors in high purity aluminium anodised and polished.
 - 5mm toughened safety glass (IK 10 – 24Joule).
 - Anti-ageing foam silicone gaskets
 - Stainless steel glass cover clips.
 - Lampholder fast release bayonet enclosure manufactured from V0-UL94/ 850°C technopolymer. Complete with anti-vacuum IP68 breathing device.
 - M20x1.5 cable gland for Ø10-14mm cables.
 - Stainless steel external screws.
- Control gear boxes to be ordered as a separate item along with fitting. Control gear boxes should be installed at a max distance of 1.5m from fitting.



ESPERIA HID/RM - S *Symmetrical reflector*

| Lampholder | W | Ilcos | *K | Optic | Colour | Class | Wiring | EEL = | Cosp ≥ 0,9 | Code | Notes |
|------------|--------------|-------|----|-------|--------|-------|--------|-------|---------------|-----------------|-------|
| E40 | 100-150W | ST-MT | | S | 04 | II | | | | 01038704 | |
| E40 | 250-400-600W | ST-MT | | S | 04 | II | | | | 01038404 | |



ESPERIA HID/RM - SSD *Extra wide beam symmetrical reflector*

| Lampholder | W | Ilcos | *K | Optic | Colour | Class | Wiring | EEL = | Cosp ≥ 0,9 | Code | Notes |
|------------|--------------|-------|----|-------|--------|-------|--------|-------|---------------|-----------------|-------|
| E40 | 100-150W | ST-MT | | SSD | 04 | II | | | | 01039204 | |
| E40 | 250-400-600W | ST-MT | | SSD | 04 | II | | | | 01039304 | |



ESPERIA HID/RM - A45 *Asymmetrical reflector imax = 45°*

| Lampholder | W | Ilcos | *K | Optic | Colour | Class | Wiring | EEL = | Cosp ≥ 0,9 | Code | Notes |
|------------|--------------|-------|----|-------|--------|-------|--------|-------|---------------|-----------------|-------|
| E40 | 100-150W | ST-MT | | A45 | 04 | II | | | | 01038804 | |
| E40 | 250-400-600W | ST-MT | | A45 | 04 | II | | | | 01038904 | |



ESPERIA HID/RM - A55 *Asymmetrical reflector imax = 55°*

| Lampholder | W | Ilcos | *K | Optic | Colour | Class | Wiring | EEL = | Cosp ≥ 0,9 | Code | Notes |
|------------|--------------|-------|----|-------|--------|-------|--------|-------|---------------|-----------------|-------|
| E40 | 100-150W | ST-MT | | A55 | 04 | II | | | | 01039004 | |
| E40 | 250-400-600W | ST-MT | | A55 | 04 | II | | | | 01039104 | |

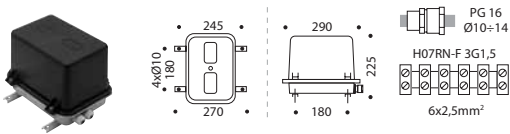


ESPERIA HID/RM - SR *Roadway reflector*

| Lampholder | W | Ilcos | *K | Optic | Colour | Class | Wiring | EEL = | Cosp ≥ 0,9 | Code | Notes |
|------------|--------------|-------|----|-------|--------|-------|--------|-------|---------------|-----------------|-------|
| E40 | 100-150W | ST-MT | | SR | 04 | II | | | | 01039404 | |
| E40 | 250-400-600W | ST-MT | | SR | 04 | II | | | | 01039504 | |

| | | | | | | | |
|-----------------|--|-----------|--------------|----------------------|--|--|---|
| | | | | IK 10 24J | | | |
| CLASS II | | 04 | IP 65 | | | | |
| | | | | | | | ST Max 600W NAV-T/SON-T NAV-T Super SON-T Plus |
| | | | | | | | MT Max 600W HQI-T/D HQI-BT/D CDO-TT |
| | | | | | | | |

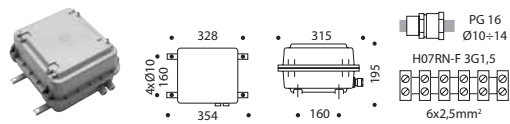
Control gear boxes to be ordered as a separate item along with Esperia HID/RM. Control gear boxes should be installed at a max distance of 1.5m from fitting.



BOX/PA IP65

| W | Icos | Colour | Class | Wiring | EEL = | Cosp ≥ 0,9 | Code | Notes |
|------|-------|--------|-------|--------|-------|---------------|-----------------|-------|
| 100W | ST-MT | I | CR | | | | 14087494 | |
| 150W | ST-MT | I | CR | | | | 14087594 | |
| 250W | ST-MT | I | CR | | | | 14415013 | |
| 400W | ST-MT | I | CR | | | | 14414013 | |
| 600W | ST-MT | I | CR | | | | 14088894 | |

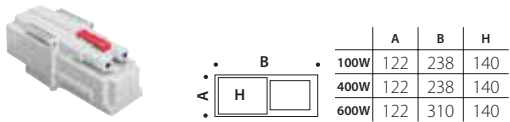
Aluminium base and polyamide cover.



BOX/AL IP65

| W | Icos | Colour | Class | Wiring | EEL = | Cosp ≥ 0,9 | Code | Notes |
|------|-------|--------|-------|--------|-------|---------------|-----------------|-------|
| 100W | ST-MT | I | CR | | | | 14087694 | |
| 150W | ST-MT | I | CR | | | | 14087794 | |
| 250W | ST-MT | I | CR | | | | 14087894 | |
| 400W | ST-MT | I | CR | | | | 14088994 | |
| 600W | ST-MT | I | CR | | | | 14089094 | |

Aluminium construction.

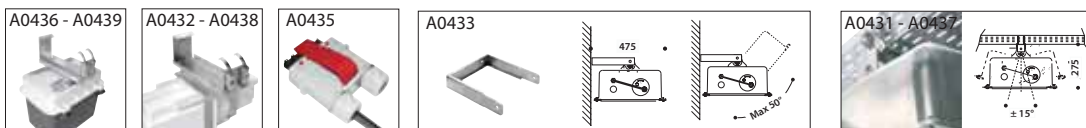


BOX/A0430 IP66

| W | Icos | Colour | Class | Wiring | EEL = | Cosp ≥ 0,9 | Code | Notes |
|------|-------|--------|-------|--------|-------|---------------|-----------------|-------|
| 100W | ST-MT | II | CR | | | | 14086320 | |
| 150W | ST-MT | II | CR | | | | 14086420 | |
| 250W | ST-MT | II | CR | | | | 14086520 | |
| 400W | ST-MT | II | CR | | | | 14086620 | |
| 600W | ST-MT | II | CR | | | | 14086720 | |

V0-UL94-850°C technopolymer box for use with RM fittings.

ACCESSORIES



| Code | Denomination | Description |
|-----------------|-------------------------------|---|
| 14087004 | A0433 | Supplement for wall long arm mounting bracket to be ordered together with fitting for factory fitted option. |
| 14086804 | A0431 (Legrand F31 200x75) | AlSi 316L stainless steel fast fixing system suitable for installation on fittings on Legrand 200x75mm cable tray. Other options available on request. |
| 14088004 | A0437 (Femi CZ3 100x75) | AlSi 316L stainless steel fast fixing system suitable for installation on fittings on Femi CZ3 100x75mm cable tray. Other options available on request. |
| 14087904 | A0436 (Legrand F31 - 200x75) | AlSi 316L stainless steel fast fixing system suitable for suspended installation of Box/PA and Box/AL on Legrand F31 200x75mm or Femi CZ - 105x75mm cable tray. Other options available on request. |
| 14088204 | A0439 (Femi CZ3 - 100x75) | AlSi 316L stainless steel fast fixing system suitable for suspended installation of Box/PA and Box/AL on Legrand F31 200x75mm or Femi CZ - 105x75mm cable tray. Other options available on request. |
| 14086904 | A0432 (Legrand F31 - 200x75) | AlSi 316L stainless steel fast fixing system suitable for suspended installation of Box A0430 on Legrand F31 200x75mm or Femi CZ - 105x75mm cable tray. Other options available on request. |
| 14088104 | A0438 (Femi CZ3 - 100x75) | AlSi 316L stainless steel fast fixing system suitable for suspended installation of Box A0430 on Legrand F31 200x75mm or Femi CZ - 105x75mm cable tray. Other options available on request. |
| 14087320 | A0435 | Supplement for fast connection plug to be ordered together with fitting for factory fitted option (on fitting cable). Provides connection between fitting and control gear box A0430. |



ESPERIA HID / BI are fittings complete with integral control gear for discharge lamps up to a max 400W, manufactured from AISI 316L corrosion resistant stainless steel. Suitable for use in chemically aggressive harsh ambient conditions and corrosive atmospheres e.g. tunnel lighting, galvanic treatment plants, mines, marine and coastal applications etc. To satisfy a variety of lighting applications ESPERIA HID floodlights are available with a range of reflectors; symmetrical, extra wide beam symmetrical, asymmetrical Imax 40°, 45° and 55° and street lighting. Polycarbonate cover versions, suitable for food industries, are being developed.

- AISI 316 stainless steel body and adjustable bracket
- Reflectors in high purity 99.85% aluminium anodised and polished.
- 5mm toughened safety glass (IK 10 – 24Joule).
- Anti-ageing foam silicone gasket
- Stainless steel glass cover clips.
- Lampholder fast release bayonet enclosure manufactured complete with anti-vacuum IP68 breathing device.
- Quick and easy electrical connection by means of IP66 plug & socket for Ø9-14mm cable.
- Stainless steel external screws.



ESPERIA HID/BI - S *Symmetrical reflector*

| Lampholder | W | Ilcos | *K | Optic | Colour | Class | Wiring | EEI = | Cosp ≥ 0,9 | Code | Notes |
|------------|------|-------|----|-------|--------|-------|--------|-------|---------------|-------------------|-------|
| E40 | 100W | ST-MT | S | 04 | I | CR | | | | • 05231304 | |
| E40 | 150W | ST-MT | S | 04 | I | CR | | | | • 05231404 | |
| E40 | 250W | ST-MT | S | 04 | I | CR | | | | • 05231504 | |
| E40 | 400W | ST-MT | S | 04 | I | CR | | | | • 05230004 | |



ESPERIA HID/BI - SSD *Extra wide beam symmetrical reflector*

| Lampholder | W | Ilcos | *K | Optic | Colour | Class | Wiring | EEI = | Cosp ≥ 0,9 | Code | Notes |
|------------|------|-------|-----|-------|--------|-------|--------|-------|---------------|-------------------|-------|
| E40 | 100W | ST-MT | SSD | 04 | I | CR | | | | • 05232404 | |
| E40 | 150W | ST-MT | SSD | 04 | I | CR | | | | • 05232504 | |
| E40 | 250W | ST-MT | SSD | 04 | I | CR | | | | • 05232604 | |
| E40 | 400W | ST-MT | SSD | 04 | I | CR | | | | • 05232704 | |



ESPERIA HID/BI - A40 *Asymmetrical reflector imax = 40°*

| Lampholder | W | Ilcos | *K | Optic | Colour | Class | Wiring | EEI = | Cosp ≥ 0,9 | Code | Notes |
|------------|------|-------|-----|-------|--------|-------|--------|-------|---------------|-------------------|-------|
| E40 | 100W | ST-MT | A40 | 04 | I | CR | | | | • 05231604 | |
| E40 | 150W | ST-MT | A40 | 04 | I | CR | | | | • 05231704 | |
| E40 | 250W | ST-MT | A40 | 04 | I | CR | | | | • 05231804 | |
| E40 | 400W | ST-MT | A40 | 04 | I | CR | | | | • 05231904 | |



ESPERIA HID/BI - A55 *Asymmetrical reflector imax = 55°*

| Lampholder | W | Ilcos | *K | Optic | Colour | Class | Wiring | EEI = | Cosp ≥ 0,9 | Code | Notes |
|------------|------|-------|-----|-------|--------|-------|--------|-------|---------------|-------------------|-------|
| E40 | 100W | ST-MT | A55 | 04 | I | CR | | | | • 05232004 | |
| E40 | 150W | ST-MT | A55 | 04 | I | CR | | | | • 05232104 | |
| E40 | 250W | ST-MT | A55 | 04 | I | CR | | | | • 05232204 | |
| E40 | 400W | ST-MT | A55 | 04 | I | CR | | | | • 05232304 | |

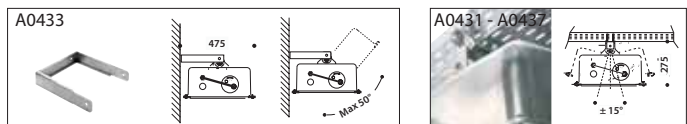
| | | | | | | | | | | | | | | |
|---------|--|----|-------|--------------|--|--|--|--|------------|--|--|--|----------------------------------|---|
| | | | | IK 10 24J | | | | | max 15,5kg | | | | | |
| CLASS I | | 04 | IP 65 | | | | | | | | | | ST Max 400W NAV-T SON-T | MT Max 400W HQI-T7D HQI-8T/D CDO-TT |
| | | | | | | | | | | | | | | |



ESPERIA HID/BI - SR Roadway reflector

| Lampholder | W | lcos | °K | Optic | Colour | Class | Wiring | EEl = | Co _{sg} ≥ 0,9 | Code | Notes |
|------------|------|-------|----|-------|--------|-------|--------|-------|------------------------|-------------------|-------|
| E40 | 100W | ST-MT | | SR | 04 | I | CR | | | • 05232804 | |
| E40 | 150W | ST-MT | | SR | 04 | I | CR | | | • 05232904 | |
| E40 | 250W | ST-MT | | SR | 04 | I | CR | | | • 05233004 | |

ACCESSORIES



| Code | Denomination | Description |
|-----------------|-------------------------------|--|
| 14087004 | A0433 | Supplement for wall long arm mounting bracket to be ordered together with fitting for factory fitted option. |
| 14086804 | A0431 (Legrand F31 200x75) | AISI 316L stainless steel fast fixing system suitable for installation on fittings on Legrand 200x75mm cable tray. Other options available on request. |
| 14088004 | A0437 (Femi CZ3 100x75) | AISI 316L stainless steel fast fixing system suitable for installation on fittings on Femi CZ3 100x75mm cable tray. Other options available on request. |