

EclDisplay DATWhite

25W White LED Gallery light, with data control (DMX, Dali T6, knob-dimming)



EclDisplay DAT
+
ECLDISPPRZL2040 (optional)



EclDisplay DAT
+
ECLDISPWASH1530 (optional)



25W White COB LED



CCT available: 2.700 K, 3.000 K, 4.000 K, 5.600 K



High lumen flux and flat field



High CRI > 90



(Wash lens - optional) 15° ~ 30° / 25° ~ 50° manual



(Profile lens - optional) 20° ~ 40° manual



Shutter blades lockable (profile lens only)



360° rotation of lens and framing system



360° rotating barndoors and gel frame holder



Lockable tilt with screw



Local Knob, DMX, DALI Type6, RDM



Built-in programs with execution speed adjustment



IP 20 for indoor use



RAL 9004 (black standard) - RAL 9010 (white standard)



RAL custom (colour on demand)



Conforms to UL STD. 1573
Certified to CSA STD: C22.2 NO. 166

Visit our website
for specifications and
tech documentations



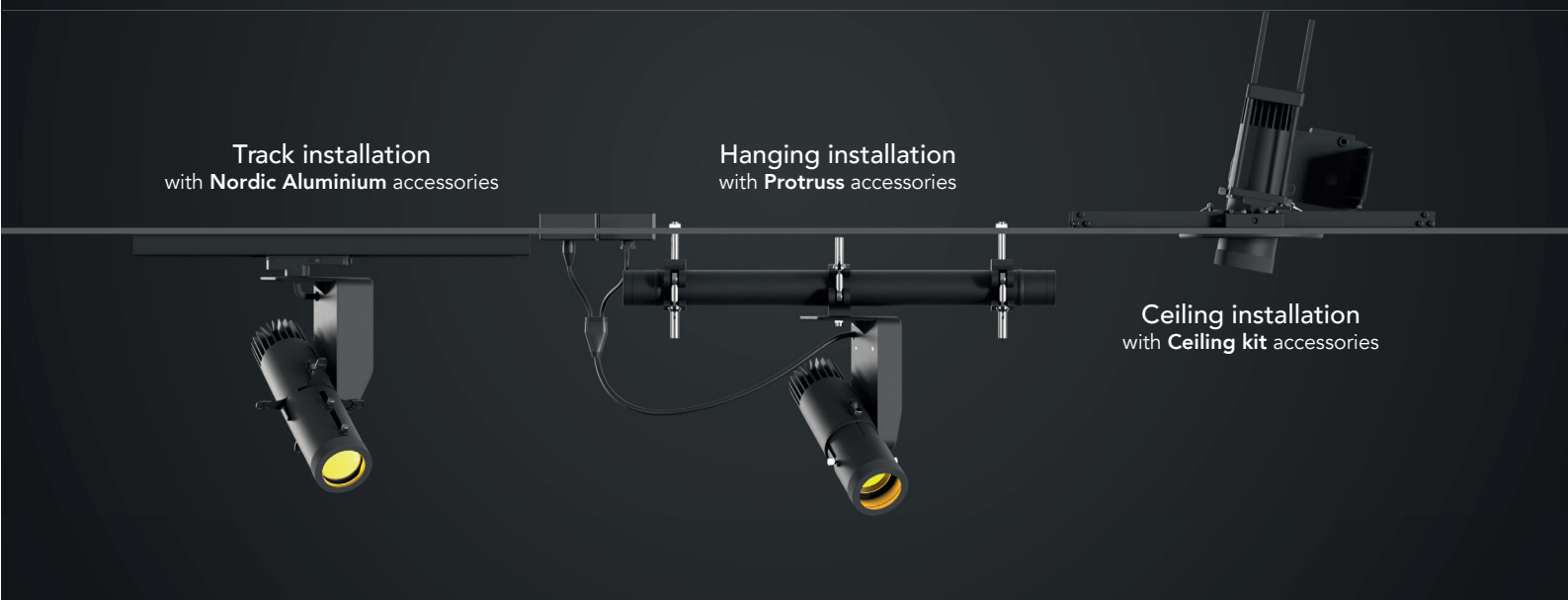
EclDisplay is a range of revolutionary and flexible LED spotlights designed for galleries, commercials and any public venue where an advanced but classy fixture, with several control options, sources and optic versions available to precisely meet any application. The **EclDisplay DAT** can be set and addressed through RDM, and includes a broad set of on-board input control options: DMX, DALI Type 6 or local knob dimming control. The **EclDisplay DAT** includes a high-efficiency 25 W White, high CRI LED source, available in 2.700 K, 3.000 K, 4.000 K, 5.600 K variants, and it is completed with a wide selection of optional zoomable profile or wash lenses, and other optical accessories like louvers and snoots, making it truly a multi-purpose fixture.

MAIN FEATURES

- Data control through RDM, DMX, DALI Type 6 and local knob dimming
- 25W high CRI White LED available in 2.700 K, 3.000 K, 4.000 K, 5.600 K versions, both black and white housing
- Multiple lens options: zoomable profile or wash optics

VERSIONS

| Code | Housing | CCT |
|-------------------|---------|---------|
| ECLDISPLAYDAT27KB | Black | 2.700 K |
| ECLDISPLAYDAT27KW | White | 2.700 K |
| ECLDISPLAYDAT30KB | Black | 3.000 K |
| ECLDISPLAYDAT30KW | White | 3.000 K |
| ECLDISPLAYDAT40KB | Black | 4.000 K |
| ECLDISPLAYDAT40KW | White | 4.000 K |
| ECLDISPLAYDAT56KB | Black | 5.600 K |
| ECLDISPLAYDAT56KW | White | 5.600 K |



PRODUCT SPECIFICATIONS

LIGHT SOURCE

- Source: 25 W White COB LED
- CCT: see available versions
- Luminous flux: 2700K: (profile - 18° HD) 1'631 lm - (profile - 36° HD) 1'625 lm - (profile - 50° HD) 1'541 lm - (profile - 10°-20°) 1'510 lm @20° - (profile - 20°-40°) 1'586 lm @40° - (wash 25°-50°) 1'638 lm @50° - (wash 15°-30°) 1'527 lm @30° @full
- Luminous flux: 3000K: (profile - 18° HD) 1'646 lm - (profile - 36° HD) 1'633 lm - (profile - 50° HD) 1'603 lm - (profile - 10°-20°) 1'623 lm @20° - (profile - 20°-40°) 1'676 lm @40° - (wash 25°-50°) 1'849 lm @50° - (wash 15°-30°) 1'730 lm @30° @full
- Luminous flux: 4000K: (profile - 18° HD) 1'887 lm - (profile - 36° HD) 1'894 lm - (profile - 50° HD) 1'825 lm - (profile - 10°-20°) 1'616 lm @20° - (profile - 20°-40°) 1'810 lm @40° - (wash 25°-50°) 1'845 lm @50° - (wash 15°-30°) 1'724 lm @30° @full
- Luminous flux: 5600K: (profile - 18° HD) 1'877 lm - (profile - 36° HD) 1'875 lm - (profile - 50° HD) 1'852 lm - (profile - 10°-20°) 1'773 lm @20° - (profile - 20°-40°) 1'869 lm @40° - (wash 25°-50°) 1'884 lm @50° - (wash 15°-30°) 1'764 lm @30° full
- Lux: 2700K: (profile - 18° HD) 1'059 lx - (profile - 36° HD) 276 lx - (profile - 50° HD) 117 lx - (profile - 10°-20°) 2'771 lx @10°; 762 lx @20° - (profile - 20°-40°) 825 lx @20°; 221 lx @40° - (wash 25°-50°) 271 lx @25°; 96 lx @50° - (wash 15°-30°) 683 lx @15 lx @5 m full
- Lux: 3000K: (profile - 18° HD) 1'100 lx - (profile - 36° HD) 291 lx - (profile - 50° HD) 125 lx - (profile - 10°-20°) 3'084 lx @10°; 845 lx @20° - (profile - 20°-40°) 887 lx @20°; 241 lx @40° - (wash 25°-50°) 310 lx @25°; 108 lx @50° - (wash 15°-30°) 779 lx @1 lx
- Lux: 4000K: (profile - 18° HD) 1'172 lx - (profile - 36° HD) 306 lx - (profile - 50° HD) 131 lx - (profile - 10°-20°) 2'943 lx @10°; 797 lx @20° - (profile - 20°-40°) 923 lx @20°; 245 lx @40° - (wash 25°-50°) 295 lx @25°; 107 lx @50° - (wash 15°-30°) 756 lx @1 lx
- Lux: 5600K: (profile - 18° HD) 1'249 lx - (profile - 36° HD) 330 lx - (profile - 50° HD) 142 lx - (profile - 10°-20°) 3'381 lx @10°; 903 lx @20° - (profile - 20°-40°) 964 lx @20°; 256 lx @40° - (wash 25°-50°) 307 lx @25°; 108 lx @50° - (wash 15°-30°) 693 lx @1 lx
- CRI: 91 @2.700 K; 90 @3.000 K; 93 @4.000 K; 91 @5.600 K
- TM30 Rf: > 88 @2.700 K; > 87 @3.000 K; > 89 @4.000 K and 5.600 K
- TM30 Rg: < 104 @2.700 K and 3.000 K; > 100 @4.000 K and 5.600 K
- Source life expectancy: > 50.000 hrs (L70B10 @Ta 25° C / 77° F)

OPTICS

- Zoom: (wash lens - optional) 15° ~ 30° or 25° ~ 50° - (profile lens - optional) 10° ~ 20° or 20° ~ 40° or fix 8°, 18°, 36°, 50°
- Other: 360° lens rotation - optional 360° rotating barndoors and gel frame holder
- Other: (profile lens) shutter blades lockable

- Other: (profile lens - optional) manual rotating gobo holder size E, outer: 37 mm - image: 23 mm - thickness: max 3 mm

DYNAMIC EFFECTS

- Control Resolution: 16-bit dimmer
- Static mode: selection of static dimmer
- Manual mode: manual adjustment of dimmer and strobe
- Auto mode: built-in programs with execution speed adjustment

BODY

- Hardware on-board: lockable tilt with screw
- Body: aluminium die-casting
- Body colour: RAL 9004 or RAL 9010
- Other: cable not included - Cable diameter range: 6 - 10 mm

CONTROL

- Protocols: Local Knob, DMX, DALI Type6, RDM
- DMX channels: 1 / 2 / 3 / 4 channel
- RDM: RDM for remote monitoring and settings
- Display: user interface through DATAMASTER external coder (not included)
- Firmware upgrade: yes, via USB - DMX interface (UPBOXPRO / UPBOX1) not included

ELECTRONICS

- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: 4 selectable dimming modes available
- Strobe / shutter: 1 - 30 Hz, electronic
- LED Control: flicker free operation
- Selectable PWM: 600 ~ 25.000 Hz

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: 33 W
- Output (at 230V): 40 units on a single power line
- Power factor: > 0,94
- Inrush current: 110VAC/5.5A, 230VAC/13.75A

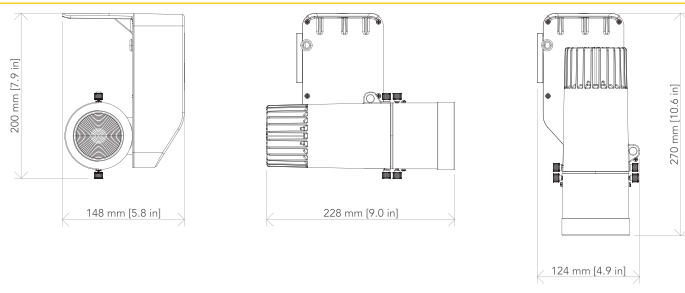
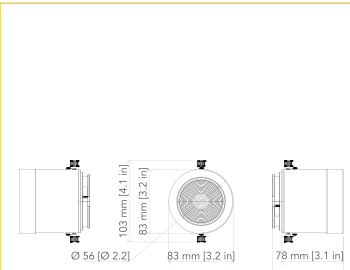
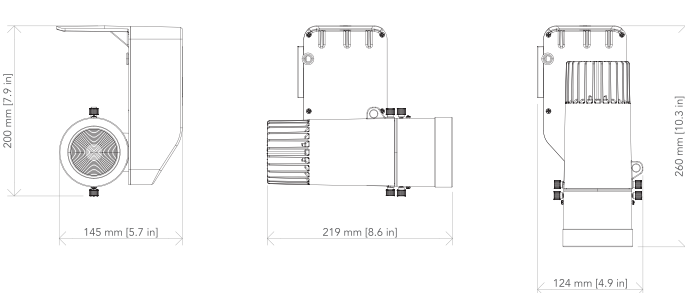
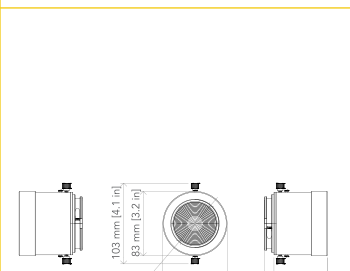
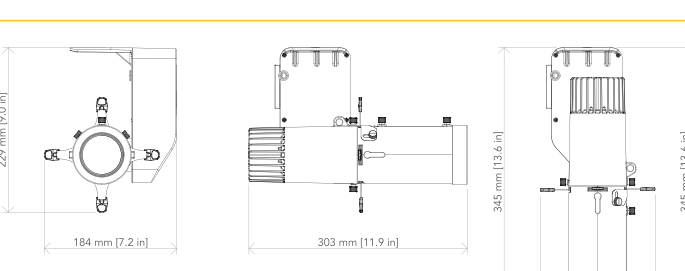
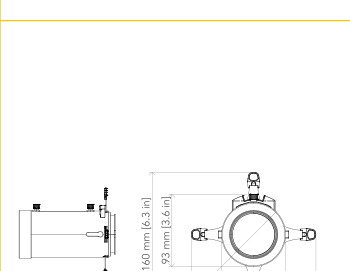
PHYSICAL

- Operating Temperature: -10° ~ +45°
- IP rating: 20
- Cooling: passive cooling and fan-free
- Suspension and fixing: track / hanging / ceiling installation
- Data connection: screw terminal blocks
- Power connection: screw terminal blocks
- Dimensions (WxHxD): 141X200x115.5 mm
- Weight: 1,4 kg

CERTIFICATIONS / APPROVALS

- Certifications / Approvals: CE, UKCA, RCM, cTUVus, FCC

TECHNICAL DRAWINGS

| | |
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|  <p>Weight: 2.1 kg - 4.63 lbs</p> <p>ECLDISPLAYUNFC with ECLDISPWASHL1530</p> |  <p>ECLDISPWASHL1530</p> |
|  <p>Weight: 2.08 kg - 4.60 lbs</p> <p>ECLDISPLAYUNFC with ECLDISPWASHL2550</p> |  <p>ECLDISPWASHL2550</p> |
|  <p>Weight: 2.27 kg - 5 lbs</p> <p>ECLDISPLAYUNFC with ECLDISPPRZL2040</p> |  <p>ECLDISPPRZL2040</p> |

ACCESSORIES

| | |
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| <ul style="list-style-type: none"> ECLDISPPRL08B/W ECLDISPPRHDL18B/W ECLDISPPRHDL36B/W ECLDISPPRHDL50B/W ECLDISPPHDZL2040B/W EDISPDRVUNDATCAS ECLDISPWASHL1530B/W ECLDISPWASHL2550B/W ECLDISPPRZL2040B/W ECLDISPHSNOOTB/W ECLDISPLOUVREB/W ECLDISPBDNFFB/W ECLDISPGOBOHINDB/W ECLDISPFSNOOTB/W ECLDISPCEILFLGB/W ECLDISPCEILKIT <p>Fix Profile 8° Lens, with 4 framing shutters, for EclDisplay, black/white housing</p> <p>18° High definition profile lenses for Ecl Display series, black/white housing</p> <p>36° High definition profile lenses for Ecl Display series, black/white housing</p> <p>50° High definition profile lenses for Ecl Display series, black/white housing</p> <p>20° - 40° Zoomable High definition profile lenses for Ecl Display series, black/white housing</p> <p>Additional optional driver for ECLDISPLAY</p> <p>Zoomable Wash Lens 15-30° for EclDisplay, black/white housing</p> <p>Zoomable Wash Lens 25-50° for EclDisplay, black/white housing</p> <p>Zoomable Profile Lens 20-40°, with 4 framing shutters, for EclDisplay, black/white housing</p> <p>Half Snoot for EclDisplay, black/white housing</p> <p>Anti-glare louvre for EclDisplay, black/white housing</p> <p>Barndoor and filter frame (compatible with Wash Lenses) for EclDisplay, black/white housing</p> <p>Gobo holder for EclDisplay with manual index gear on board, black/white housing</p> <p>Full Snoot for EclDisplay, black/white housing</p> <p>Black flange to complete the EclDisplay ceiling adapter kit, black/white housing</p> <p>Ceiling adapter kit for EclDisplay (without flange)</p> | <ul style="list-style-type: none"> UPBOX1UP5 UPBOXPRO C6002B RSR0630B NAXTSC61002 NAXTSC61003 NAXTSC62002 NAXTSC62003 NAXTSC63002 NAXTSC63003 NAXTSC64002 NAXTSC64003 NAXTSC6112 NAXTSC6113 <p>Firmware uploader kit, USB IN, 5p XLR DMX OUT, DMX OUT</p> <p>Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector</p> <p>Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black</p> <p>Steel security cable for hanging bodies, inox steel shackle, L=60 cm,</p> <p>Global Pulse XTSC Lighting Track, 3 circuit DALI, 1000mm, black</p> <p>Global Pulse XTSC Lighting Track, 3 circuit DALI, 1000mm, white</p> <p>Global Pulse XTSC Lighting Track, 3 circuit DALI, 2000mm, black</p> <p>Global Pulse XTSC Lighting Track, 3 circuit DALI, 2000mm, white</p> <p>Global Pulse XTSC Lighting Track, 3 circuit DALI, 3000mm, black</p> <p>Global Pulse XTSC Lighting Track, 3 circuit DALI, 3000mm, white</p> <p>Global Pulse XTSC Lighting Track, 3 circuit DALI, 4000mm, black</p> <p>Global Pulse XTSC Lighting Track, 3 circuit DALI, 4000mm, white</p> <p>Global Pulse XTSC Connector 3-CCT DALI end feed, earth right, black</p> <p>Global Pulse XTSC Connector 3-CCT DALI end feed, earth right, white</p> |
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ACCESSORIES

| | | | |
|---------------|--|-------------------|---|
| ▪ NAXTSC6122 | Global Pulse XTS Connector 3-CCT DALI end feed, earth left, black | ▪ NAKKT3013184 | Kit for Global Pulse 3-Circuit MULTI Adapter NAXTSA68 |
| ▪ NAXTSC6123 | Global Pulse XTS Connector 3-CCT DALI end feed, earth left, white | ▪ NAKKT3013185 | Kit for Global Pulse 3-Circuit MULTI Adapter NAXTSA68 |
| ▪ NAXTSC6142 | Global Pulse XTS Connector 3-CCT DALI middle feed, black | ▪ NAKKT306007 | Kit for Global Pulse DMX/DALI 3-Circuit Adapters NAGAC600 |
| ▪ NAXTSC6143 | Global Pulse XTS Connector 3-CCT DALI middle feed, white | ▪ NAKKT306008 | Kit for Global Pulse DMX/DALI 3-Circuit Adapters NAGAC600 |
| ▪ NAXTSC6212 | Global Pulse XTS Connector 3-CCT DALI straight connector, black | ▪ NAXTSA682 | Global Pulse 3-Circuit MULTI Adapter, 10A 100N Slot connection, black |
| ▪ NAXTSC6213 | Global Pulse XTS Connector 3-CCT DALI straight connector, white | ▪ NAXTSA683 | Global Pulse 3-Circuit MULTI Adapter, 10A 100N Slot connection, white |
| ▪ NAXTSC6232 | Global Pulse XTS Connector 3-CCT DALI flexible corner connector, black | ▪ NAGAC6002 | Global Pulse DMX/DALI 3-Circuit Adapters, 10A 100N Slot connection, black |
| ▪ NAXTSC6233 | Global Pulse XTS Connector 3-CCT DALI flexible corner connector, white | ▪ NAGAC6003 | Global Pulse DMX/DALI 3-Circuit Adapters, 10A 100N Slot connection, white |
| ▪ NAXTSNC6342 | Global Pulse XTSN Connector 3-CCT DALI L connector, earth right, black | ▪ NASPW12SK215M | Global Pulse Track clip wire suspension set 1.5m, 150N, black |
| ▪ NAXTSNC6343 | Global Pulse XTSN Connector 3-CCT DALI L connector, earth right, white | ▪ NASPW12SK25M | Global Pulse Track clip wire suspension set 5m, 150N, black |
| ▪ NAXTSNC6352 | Global Pulse XTSN Connector 3-CCT DALI L connector, earth left, black | ▪ NASPW12SK315M | Global Pulse Track clip wire suspension set 1.5m, 150N, white |
| ▪ NAXTSNC6353 | Global Pulse XTSN Connector 3-CCT DALI L connector, earth left, white | ▪ NASPW12SK35M | Global Pulse Track clip wire suspension set 5m, 150N, white |
| ▪ NAXTSNC6362 | Global Pulse XTSN Connector 3-CCT DALI T connector, earth right/right, black | ▪ NAXTSA57129 | Global Pulse Rotating Nipples 3-Circuit Adapters, M10, H 12mm, D 7,4mm |
| ▪ NAXTSNC6363 | Global Pulse XTSN Connector 3-CCT DALI T connector, earth right/right, white | ▪ NAXTSA55129 | Global Pulse Rotating Nipples 3-Circuit Adapters, M13, H 12mm, D 9mm |
| ▪ NAXTSNC6372 | Global Pulse XTSN Connector 3-CCT DALI T connector, earth left/left, black | ▪ NAGAM109 | Global Pulse Nut M10 for NAXTSA57129 |
| ▪ NAXTSNC6373 | Global Pulse XTSN Connector 3-CCT DALI T connector, earth left/left, white | ▪ NASKB122 | Global Pulse Track Mounting Clamp for Rod and Wire, 200N, black |
| ▪ NAXTSNC6382 | Global Pulse XTSN Connector 3-CCT DALI X connector, black | ▪ NASKB123 | Global Pulse Track Mounting Clamp for Rod and Wire, 200N, white |
| ▪ NAXTSNC6383 | Global Pulse XTSN Connector 3-CCT DALI X connector, white | ▪ PLCPW93075 | Power PVC cable H05VV-F 3G0,75 |
| ▪ NAXTSNC6392 | Global Pulse XTSN Connector 3-CCT DALI T connector, earth right/left, black | ▪ PLCDX53D5 | 120 Ohm DMX cable, 2 twisted poles, external sheath with reduced diameter |
| ▪ NAXTSNC6393 | Global Pulse XTSN Connector 3-CCT DALI T connector, earth right/left, white | ▪ PLCPD7501P14D | Power & DMX 120 Ohm |
| ▪ NAXTSNC6402 | Global Pulse XTSN Connector 3-CCT DALI T connector, earth left/right, black | ▪ PLCPD7501P68D | Power & DMX 120 Ohm |
| ▪ NAXTSNC6403 | Global Pulse XTSN Connector 3-CCT DALI T connector, earth left/right, white | ▪ INF7501P14D5L01 | YY splitter cable Power 3x1 mm2 + DMX 120 Ohm, bare end |
| ▪ NAXTS412 | Global Pulse XTS Connector 3-CCT DALI END cap, black | ▪ PLCYA7501P14D | YY splitter cable Power 3x1 mm2 + DMX 120 Ohm, 1 meter length |
| ▪ NAXTS413 | Global Pulse XTS Connector 3-CCT DALI END cap, white | ▪ EUT997592 | EUTRAC multiAdapter with data bus option |
| | | ▪ EUT997596 | EUTRAC multiAdapter with data bus option |
| | | ▪ EUT990662 | Mounting nut66 for EUT99759 |
| | | ▪ EUT990666 | Mounting nut66 for EUT99759 |
| | | ▪ EUT996980 | Data bus tap EUT99759 |

ORDERING INFORMATION

| MODEL | COLOUR TEMP | HOUSING | LENS TYPE | OPTICAL ACCESSORIES | TRACK ADAPTER & DRIVER | CEILING INSTALLATION |
|---------------|--|--|---|---|---|---|
| ECLDISPLAYDAT | 27K (2.700 K) 30K (3.000 K) 40K (4.000 K) 56K (5.600 K) | BK (black housing) WH (white housing) | ECLDISPWASHL1530 (15°-30° wash lens) ECLDISPWASHL2550 (25°-50° wash lens) ECLDISPPRZL2040 (20°-40° profile lens) | ECLDISPHSNOOT (half snoot) ECLDISPFSNOOT (full snoot) ECLDISPLOUVRE (anti-glare louvre) ECLDISPBDNFF (barndoor + filter frame) ECLDISPGOBOHIND (gobo holder) | NAXTSA68 (Nordic Aluminium track adapter) NAGAC600 (Nordic Aluminium track adapter with DALI) NAXTSA5 (Nordic Aluminium rotating nipple) NAGAM1 (Nordic Aluminium nut) | ECLDISPCEILKIT (ceiling installation kit) ECLDISPCEILFLG (ceiling installation flange) |