



KEMENTERIAN PEMBANGUNAN
NEGARA BRUNEI DARUSSALAM

BARANGAN YANG DILULUSKAN

Rujukan barangan yang diluluskan : (1902) KPN/ABC1/C/8.0
Tarikh dikeluarkan : 26th January 2013
Tarikh Mansuh : 1st March 2015

Dengan ini diakui bahawa, Morsjaya Electrical Co. Sdn Bhd., No. 5, 6, 7, 8, Bangunan Hj Othman, Kg. Pengkalan Gadong BE3719, Negara Brunei Darussalam telah mengikuti skim persijilan barangan Kementerian Pembangunan seperti keterangan di bawah ini :-

Skim Persijilan : Scheme 2
(refer certification procedures STD3/003
Issue No. 11, Revision 27th May 2008)
: The use of these products subject to the user's
specific technical and contractual requirements





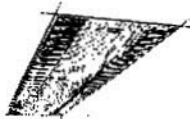
Barangan yang diluluskan : "PHILIPS" LUMINAIRES
: Note : Please refer to Schedule (Appendix A)

Tajuk dan Nombor Piawai (spesikasi) yang berkenaan terhadap persijilan yang dikehendaki. : ISO 9001 : 2008
The management, innovation, marketing, manufacturing, sales and supply of lighting devices, solutions and services.










Issued by : SGS - System Certification
Certificate No. : GB 10/81.148.00
Certification Validity : 01/03/2015

Dr. Suzana



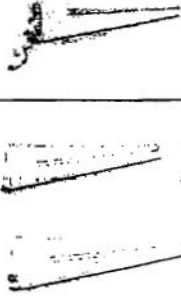
[DR. HAJAH DAYANG SUZANA BINTI-HAJI AWANG ADENAN]
b/p. Setiausaha Tetap (Teknikal & Professional)
Kementerian Pembangunan

| | | | | | |
|-------------------------|-----------------------|--|---|---|--|
| Downlights | Smart CFLi Horizontal | Smart CFLi Horizontal | | FBH123 C 2xMAX18W-E27 220-240V FG NI FBH123 C 2xMAX18W-E27 220-240V NI | China China |
| | | |  | MBS070 1xCDM-R30-70W H WH MBS070 1xCDM-T70W H WH MBS070 1xCDM-R30-35W H WH MBS070 1xCDM-T35W H WH | China China China China |
| | | Smart HID |  | MBS071 1xCDM-T70W H WH MBS071 1xCDM-T35W H WH | China China |
| HID DL | Smart HID | Smart HID gear box | | MBS072 1xCDM-TD70W H WH ZBS180 1xCDM-T70W GRB-IC 220V-50Hz ALU ZBS180 1xCDM-T35W GRB-EB 220-240V ZBS180 1xCDM-T70W GRB-EB 220-240V | China China China China |
| | | Smart Waterproof T8 |  | TCW060 C 1xTL-D18W HF 220V TCW060 C 2xTL-D18W HF 220V TCW060 C 1xTL-D36W HF 220V TCW060 C 2xTL-D36W HF 220V TCW060 C 1xTL5-28W HF 220V TCW060 C 2xTL5-28W HF 220V | China China China China China China |
| Weatherproof | Smart Waterproof | Smart Waterproof T5 | | | |
| | | The new Xceed LED road a full range road light applicable for highways, city roads, residential areas and industrial estates. It has 3 different luminaire housings for P1-P6 & M1-6 roads. Lumen package up to 28K lumens. |  | BRP372 LED126/NW 140W 220-240V DM2E BRP372 LED111/NW 120W 220-240V DM2E BRP371 LED94/NW 105W 220-240V DM2E BRP371 LED79/NW 90W 220-240V DM2E BRP373 LED282/NW 305W 220-240V DM2E BRP373 LED267/NW 290W 220-240V DM2E BRP373 LED251/NW 275W 220-240V DM2E BRP373 LED236/NW 260W 220-240V DM2E BRP373 LED221/NW 245W 220-240V DM2E BRP373 LED206/NW 225W 220-240V DW2 BRP373 LED190/NW 210W 220-240V DM2E BRP373 LED175/NW 195W 220-240V DM2E BRP372 LED141/NW 150W 220-240V DM2E BRP371 LED64/NW 70W 220-240V DN BRP371 LED48/NW 55W 220-240V DN | China China China China China China China China China China China China China China China China |
| Road Lighting | GreenVision Xceed | <ul style="list-style-type: none"> - Full die cast aluminum housing; IK 08 rating - Full IP66 Ingression Protection against water & dust - Excellent Thermal Management - Excellent Reliability with rated life at 50,000hrs - Best Optics to achieve low W/m2 power density <p>High quality light output (CRI>70; Colour Temp – 4000K/6500K) Surge Protection 10KV Tool-less gear compartment opening Tool-less gear tray change - Options with Xitanium Programmable Drivers</p> | | | |
| | | The latest optical technology creates a highly effective optic New opportunities for saving energy Family of advanced TL5 recessed luminaire with micro optic technology use Even greater savings can be made by retrofitting TLD Lighting installations with our new TL5 recessed luminaires. The Omni directional Lighting Control optic increases luminous efficacy Enable sustainable and green lighting solutions to be created. Energy consumption can easily be halved in comparison to conventional |  | TB5528 3xTL5-28W HF M8 IPP TB5528 3xTL5-28W HF M2 IPP TB5528 3xTL5-28W HFP M2 FU IPP TB5528 3xTL5-28W HFP M8 FU IPP TB5528 3xTL5-28W HFP M2 FU IPC TB5528 3xTL5-28W HFR M8 FTB TB5528 3xTL5-28W HFD M8 ACL FTB TB5528 3xTL5-28W HFD M8 FTB TB5528 3xTL5-28W EBR M8 FTB TB5528 3xTL5-28W EBR M8 ACL 1~10V FTB TB5528 3xTL5-28W HFR M8 ACL 1~10V FTB TB5528 3xTL5-28W EBR M2 FTB | China China China China China China China China China China China China China |
| Recessed Light Fittings | Sereno TBS869/528 | | | | |

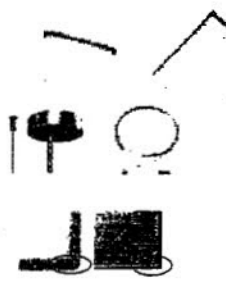

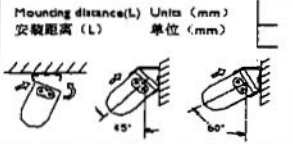


| Product Name | | Technical Specifications | | Product Details | | Country of Origin | |
|----------------------|--|--|---|--|---|-------------------|--|
| HF-Performer TL5 III | HF-Performer TL5 III | Sustainable and most energy efficient, slim, high frequency electronic ballast for TL5 fluorescent lamps. - Energy efficient CELMA A2 BAT - ENEC & CE approval, complying to all relevant international safety and performance standards - 50.000 hour lifetime at Tmax and over 60.000 on/off switches on one lamp - Programmed, flicker-free, preheated start (< 1.0 s) |  | HF-P 1 14-35 TL5 HE III 220-240V 50/60Hz | China | | |
| T5 Lamps | MASTER TL5 HE | This MASTER TL5 HE (High Efficiency) saves up to 40% over conventional TL8 systems. Lifetime of 24,000 hours. Lumen output ranges from 2,900 to 7,000 from 25W to 70W respectively. Contains only 1.4 mg of Mercury. - Suitable for dimming, high-switching frequency and sensor-enabled applications. |  | HF-P 2 14-35 TL5 HE III 220-240V 50/60Hz MASTER TL5 HE 14W/827 SLV/40 MASTER TL5 HE 14W/830 SLV/40 MASTER TL5 HE 14W/840 SLV/40 MASTER TL5 HE 14W/865 SLV/40 MASTER TL5 HE 21W/827 SLV/40 MASTER TL5 HE 21W/830 SLV/40 MASTER TL5 HE 21W/840 SLV/40 MASTER TL5 HE 21W/865 SLV/40 MASTER TL5 HE 28W/827 SLV/40 MASTER TL5 HE 28W/830 SLV/40 MASTER TL5 HE 28W/840 SLV/40 MASTER TL5 HE 28W/865 SLV/40 MASTER TL5 HE 35W/827 SLV/40 MASTER TL5 HE 35W/830 SLV/40 MASTER TL5 HE 35W/840 UNP/40 MASTER TL5 HE 35W/865 UNP/40 | China EUROPE EUROPE EUROPE EUROPE EUROPE EUROPE EUROPE EUROPE EUROPE EUROPE EUROPE EUROPE EUROPE EUROPE EUROPE | | |
| TLED Tubes | TLED Standard | The Philips MASTER LEDtube integrates a LED light source into a traditional fluorescent form factor. Its unique design creates a perfectly uniform visual appearance which cannot be distinguished from traditional fluorescent. This product is the ideal solution for up lighting in general lighting applications. |  | MSTR TLED INT STD 600mm 10W840 T8 AP I MSTR TLED INT STD 600mm 10W865 T8 AP I MSTR TLED INT STD 900mm 15W840 T8 AP I MSTR TLED INT STD 900mm 15W865 T8 AP I MSTR TLED INT STD 1200mm 19W840 T8 AP I MSTR TLED INT STD 1200mm 19W865 T8 AP I MSTR TLED INT STD 1500mm 24W840 T8 AP I MSTR TLED INT STD 1500mm 24W865 T8 AP I | China China China China China China China China | | |
| Greenspace Gen 2 | Adaptor rings for Greenspace Gen 2: DN181B - Φ177mm (7inch) DN182B/DN183B - Φ228mm (9inch) | - high system efficacy of 70-75lm/W - cut-out size: Φ127mm (5") (DN180B), Φ152mm (6") (DN181B), Φ203mm (8") (DN182B & DN183B) - cut-out size with adapter rings: Φ177mm (7") (DN181B), Φ228mm (9") (DN181B & DN182B) - Longer lifetime of 30K hours - CRI 82 - lumen output: 600lm, 1000lm, 1500lm, 2000lm adaptor rings allow retrofitting to various cut-out sizes. |  | DN180B 1xDLED-3000 PSU WH | China | | |
| | | |  | DN180B 1xDLED-4000 PSU WH | China | | |
| | | |  | DN180B 1xDLED-5000 PSU WH | China | | |
| | | |  | DN181B 1xDLED-3000 PSU WH | China | | |
| | | |  | DN181B 1xDLED-4000 PSU WH | China | | |
| | | |  | DN181B 1xDLED-5000 PSU WH | China | | |
| | | | | DN182B 1xDLED-3000 PSU WH | China | | |
| | | | | DN182B 1xDLED-4000 PSU WH | China | | |
| | | | | DN182B 1xDLED-5000 PSU WH | China | | |
| | | | | DN183B 1xDLED-3000 PSU WH | China | | |
| | | | | DN183B 1xDLED-4000 PSU WH | China | | |
| | | | | DN183B 1xDLED-5000 PSU WH | China | | |
| | | | | DN181Z AD adaptor ring | China | | |
| | | | | DN182Z AD adaptor ring | China | | |
| | | | | DN183Z AD adaptor ring | China | | |



| | | | | | |
|---------------|----------------------|--|---|---|--|
| Cove Lighting | LED Essential Batten | Power cable (one end male socket, one end flying wire), 200mm | note: These are T5 Essential Batten's standard cables. | ZCH066 C-2 EN | China |
| | | Connecting cable standard, 200mm | | ZCH066 CCPA EN | |
| | Vaya Flood | <ul style="list-style-type: none"> - Lower initial cost - Simple customisations available (colors or housing) - Adjustable head for easy aiming - Ensured reliability guaranteed by Phillips' quality process - 18 LEDs - two beam angles: 15D / 30D - IP66 - RGB: 25,000 hrs (L70), Mono: 25,000 hrs (L70) - System Wattage: 40W - Voltage: 100-240 VAC, 50/60Hz |  | BCP410 18xLED-HB/RGB 100-240V 15 CE CQC BCP410 18xLED-HB/RGB 100-240V 30 CE CQC BCP410 18xLED-HB/3000 100-240V 15 CE CQC BCP410 18xLED-HB/3000 100-240V 30 CE CQC BCP410 18xLED-HB/4000 100-240V 15 CE CQC BCP410 18xLED-HB/4000 100-240V 30 CE CQC BCP410 18xLED-HB/RD 100-240V 15 CE CQC BCP410 18xLED-HB/RD 100-240V 30 CE CQC BCP410 18xLED-HB/GN 100-240V 15 CE CQC BCP410 18xLED-HB/GN 100-240V 30 CE CQC BCP410 18xLED-HB/BL 100-240V 15 CE CQC BCP410 18xLED-HB/BL 100-240V 30 CE CQC BCP410 18xLED-HB/AM 100-240V 15 CE CQC BCP410 18xLED-HB/AM 100-240V 30 CE CQC | China China China China China China China China China China China China |
| | | Vaya Flood LP | <ul style="list-style-type: none"> - Lower initial cost - Simple customisations available (colors or housing) - Adjustable head for easy aiming - Ensured reliability guaranteed by Phillips' quality process - 18 LEDs - two beam angles: 20D / 40D - IP66 - RGB: 50,000 hrs (L50), Mono: 50,000 hrs (L70) - System Wattage: 44W - Voltage: 100-240 VAC, 50/60Hz Leadtime: 6 weeks production + 4 weeks by sea, 3 weeks by air |  Vaya Flood LP White & Mono | BCP411 18xLED-HB/RGB 100-240V 20 CE CQC BCP411 18xLED-HB/RGB 100-240V 40 CE CQC BCP412 18xLED-HB/3000 100-240 20 CE CQC BCP412 18xLED-HB/3000 100-240 40 CE CQC BCP412 18xLED-HB/4000 100-240 20 CE CQC BCP412 18xLED-HB/4000 100-240 40 CE CQC BCP413 18xLED-HB/RD 100-240 20 CE CQC BCP413 18xLED-HB/RD 100-240 40 CE CQC BCP413 18xLED-HB/GN 100-240 20 CE CQC BCP413 18xLED-HB/GN 100-240 40 CE CQC BCP413 18xLED-HB/BL 100-240 20 CE CQC BCP413 18xLED-HB/BL 100-240 40 CE CQC BCP413 18xLED-HB/AM 100-240 20 CE CQC BCP413 18xLED-HB/AM 100-240 40 CE CQC BCP412 18xLED-HB/2700 100-240 20 CE CQC BCP412 18xLED-HB/2700 100-240 40 CE CQC BCP412 18xLED-HB/5000 100-240 20 CE CQC BCP412 18xLED-HB/5000 100-240 40 CE CQC |
| | T5 Essential Batten | <ul style="list-style-type: none"> - 25% energy saving (vs. Phillips' T8 batten system) - One-step connection (max 8 pcs to connect with a single power supply) - Flexible application: Single (TCH084) or trunking purpose (TCH086) - Lifetime of 10K hrs - no diffuser - different colour temperatures of 2700K, 3000K, 4000K, 6500K - standard batten package has 2 screws and 2 brackets included - cables sold separately |  | TCH084 TL5-28W/865 HF 220-240V TCH084 TL5-28W/830 HF 220-240V TCH084 TL5-28W/840 HF 220-240V TCH084 TL5-14W/865 EI 220-240V TCH084 TL5-14W/830 EI 220-240V TCH084 TL5-14W/840 EI 220-240V TCH086 TL5-14W/830 EI 220-240V TCH086 TL5-14W/840 EI 220-240V TCH086 TL5-14W/865 EI 220-240V TCH086 TL5-21W/830 EI 220-240V TCH086 TL5-21W/840 EI 220-240V TCH086 TL5-21W/865 EI 220-240V TCH086 TL5-28W/830 HF 220-240V TCH086 TL5-28W/840 HF 220-240V TCH086 TL5-28W/865 HF 220-240V TCH086 TL5-8W/830 EI 220-240V TCH086 TL5-8W/840 EI 220-240V TCH086 TL5-8W/865 EI 220-240V TCH086 TL5-28W/827 HF 220-240V TCH086 TL5-21W/827 EI 220-240V TCH086 TL5-14W/827 EI 220-240V | China |
| | | Power cable (one end male socket, one end flying wire), 200mm | ZCH066 C-2 EN | China | |
| | | Connecting cable standard, 200mm | ZCH066 CCPA EN | China | |
| | | Mounting bracket big pack (100 screws, brackets with paper box) - can install 50 sets of batten (standard batten package has 2 screws and 2 brackets included) | TCH08x Mounting Kit | China | |
| | | Connecting cable long version, 600mm | ZCH066 CCPA EN | China | |



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|--|--------------------------------|---|--|---|--|
| | <p>new version Smart Panel</p> | <ul style="list-style-type: none"> - 20% more energy efficient than a conventional 3 x 14W TL5 solution <ul style="list-style-type: none"> - system efficacy of 77lm/W(LED34S), 75lm/W (LED25S) <ul style="list-style-type: none"> - High CRI >80 - UGR19 - different colour temperatures of 3000K, 4000K, 6500K <ul style="list-style-type: none"> - Lifetime of 25K hours (L70) - Dimmable (other colour temperatures, ETO MOQ =110pcs) <ul style="list-style-type: none"> - corners are slightly squarish <p>Leadtime: 6 weeks production + 4 weeks by sea, 3 weeks by air</p> |  | <p>RC160V LED34S/830 PSU W60L60 RC160V LED34S/830 PSU W30L120 RC160V LED34S/840 PSU W60L60 RC160V LED34S/840 PSU W30L120 RC160V LED34S/865 PSU W60L60 RC160V LED34S/865 PSU W30L120</p> <p>RC160V LED25S/840 PSU W60L60 RC160V LED25S/840 PSU W30L120 RC160V LED25S/865 PSU W60L60 RC160V LED25S/865 PSU W30L120</p> <p>RC160V LED34S/840 PSD W60L60 (Dim) RC160V LED34S/840 PSD W30L120 (Dim) RC160Z SMS</p> | <p>China China China China China China China China China China China China</p> |
| | | <ul style="list-style-type: none"> • T5 replaceable solution without compromise (4ft 20W LED to replace 4ft 28W Conv T5 Batten) <ul style="list-style-type: none"> • CR180 • Efficacy: 80lm/W, 30% energy saved vs. T5 essential batten • Optional Full-lumen/semi-lumen to meet your requirement in general/ambience lighting <ul style="list-style-type: none"> • Max 10 pieces to connect • 2 screws + 2 normal mounting bracket • same connection as T5 Essential batten - Uses T5 essential batten cables <p>45 degree mounting bracket for asymmetrical installation</p> <p>60 degree mounting bracket for asymmetrical installation</p> |   | <p>BN096C LED16/CW L1200 (6500K) - 20W BN096C LED16/NW L1200 (4000K) - 20W BN096C LED16/WW L1200 (3000K) - 20W BN096C LED16/SW L1200 (2700K) - 20W</p> <p>BN096C LED12/CW L900 (6500K) - 15W BN096C LED12/NW L900 (4000K) - 15W BN096C LED12/WW L900 (3000K) - 15W BN096C LED12/SW L900 (2700K) - 15W</p> <p>BN096C LED8/CW L600 (6500K) - 10W BN096C LED8/NW L600 (4000K) - 10W BN096C LED8/WW L600 (3000K) - 10W BN096C LED8/SW L600 (2700K) - 10W</p> <p>BN096C LED4/CW L300 (6500K) - 5W BN096C LED4/NW L300 (4000K) - 5W BN096C LED4/WW L300 (3000K) - 5W BN096C LED4/SW L300 (2700K) - 5W</p> <p>BN096Z MB 45 BN096Z MB 60</p> | <p>China China China China China China China China China China China China China China China China China China China China</p> |

