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كنتين قباعون

KEMENTERIAN PEMBANGUNAN
BANDAR SERI BEGAWAN BB3510
NEGARA BRUNEI DARUSSALAM

Rujukan Kami : (2554) KPN/ABCI/C/8.0
Our Reference

Rujukan Kamu :
Your Reference

07 Zulkaedah 1438
31 hb Julai 2017

Yang Mulia
Pengarah Urusan
P & J COMPANY
2F, Unit 9, Block B
Abdul Razak Complex
KM4, Jalan Gadong BE3519
Negara Brunei Darussalam

Tel : +673 2445145
Fax : +673 2426420

Tuan,

**PERMOHONAN MEMBAHARUI PERSIJILAN PRODUK BAHAN-BAHAN BINAAN
"UNITED ULI GOODLITE" LIGHTING**

Dengan hormat sukacita merujuk permohonan pihak Tuan yang lengkap diterima pada 18hb April 2017 oleh pihak Autoriti Kawalan Bangunan dan Industri Pembinaan (ABCI) selaku Urusetia Jawatankuasa Persijilan Produk untuk didaftarkan mengikut Skim Persijilan Produk Bahan-Bahan Binaan dibawah Kementerian Pembangunan seperti diatas.

Sukacita memaklumkan bahawa Jawatankuasa Persijilan Produk Bahan-Bahan Binaan telah meluluskan produk berikut:

"UNITED ULI GOODLITE" LIGHTING

Untuk berdaftar dibawah **Skim 2 Persijilan Produk** bagi bahan-bahan binaan bagi tempoh **26hb Julai 2017 sehingga 12hb Februari 2020**.

Untuk makluman, sukacita dikehendaki pihak syarikat Tuan untuk menghadapi permohonan **MEMBAHARUI** Persijilan Produk bagi Bahan-Bahan Binaan tiga (3) bulan sebelum tarikh mansuh seperti yang dinyatakan di atas.

Jika syarikat dan produk yang dihadapkan tersebut didapati sebarang laporan atau maklumat mengenai ketidakberkesanan dari segi teknikal dan keupayaan, surat kebenaran dan Persijilan Produk akan ditarik balik dengan serta merta.

Dalam tempoh ini juga, Jawatankuasa Persijilan Produk atau pemeriksa pihak ketiga (3rd Party) yang dilantik akan menjalankan pemeriksaan keatas produk-produk berkenaan, bagi memastikan kualiti yang memuaskan dari masa ke semasa.



- 2 -

Jika kualiti produk didapati tidak memuaskan semasa pemeriksaan dijalankan, ianya hendaklah diperbaiki dengan segera. Jika gagal berbuat sedemikian, surat kebenaran Persijilan produk berkenaan akan dibatalkan dan penggunaan produk tidak boleh diguna pakai dalam mana-mana projek Kerajaan.

Sila ambil maklum bahawa penggunaan produk ini oleh pihak Tuan bagi projek-projek Kerajaan Kebawah Duli Yang Maha Mulia adalah tertakluk kepada keperluan khas jabatan pengguna dari segi teknikal dan kontrak.

Walaupun jika produk Tuan ini didapati memuaskan selepas tempoh ini, Tuan bolehlah menghadapkan permohonan untuk membarui persijilan produk dan seterusnya memohon untuk didaftarkan mengikut Skim Persijilan Produk bagi bahan-bahan binaan dibawah Kementerian Pembangunan.

Kementerian Pembangunan berharap semua produk-produk yang dibekalkan di Negara Brunei Darussalam adalah konsisten berkualiti.

" BERSEDIA BERKHIDMAT "
"Bersatu Menjunjung Titah"

Dengan hormat,

[**DAYANG HAJAH FATIMAH BINTI HAJI MD ALI**]
b.p. Setiausaha Tetap (Teknikal & Profesional)
Kementerian Pembangunan

s.k.

- ✉ Ketua Pengarah Kerja Raya, JKR
- ✉ Pengarah Jalanraya, JKR
- ✉ Pengarah Perkhidmatan Teknikal, JKR
- ✉ Pengarah Perkhidmatan Air, JKR
- ✉ Pengarah Perkhidmatan Bangunan, JKR
- ✉ Pengarah Saliran dan Pembetulan, JKR
- ✉ Pengarah Mekanikal & Elektrikal, JKR
- ✉ Pengarah Kemajuan Perumahan
- ✉ Pengarah Alam Sekitar, Taman dan Rekreasi
- ✉ Fail KPN/ABCI/C/8.1.5



KEMENTERIAN PEMBANGUNAN
NEGARA BRUNEI DARUSSALAM

BARANGAN YANG DILULUSKAN

Rujukan barangan yang diluluskan : (2554) KPN/ABCI/C/8.0

Tarikh diluluskan : 26hb Julai 2017

Tarikh Mansuh : 12hb Februari 2020

Dengan ini diakui bahawa P & J COMPANY, 2F, Unit 9, Block B, Abdul Razak Complex, KM4, Jalan Gadong BE3519, Negara Brunei Darussalam, telah mengikuti skim persijilan barangan Kementerian Pembangunan seperti keterangan di bawah ini :-

Skim Persijilan : Skim 2
(Sila rujuk Prosidur Persijilan STD3/003
Keluaran No. 12, Semakan 10hb Ogos 2010)
: Penggunaan produk ini tertakluk kepada keperluan
khas pengguna dari segi teknikal dan kontrak.
: Pemasangan produk hendaklah mengikut spesifikasi
yang telah ditetapkan dan hendaklah dipasang oleh
syarikat pembekal yang berdaftar dan terlatih.

Barangan yang diluluskan : "UNITED ULI GOODLITE" LIGHTING
• Sila rujuk Appendix 'B' bertarikh 31hb Julai 2017

Tajuk dan Nombor Piawai (spesikasi) : ISO 9001:2015
yang berkenaan terhadap persijilan : The Quality Management Systems
yang dkehendaki. : Manufacture of Light Fittings and Ballasts

Issued by : Intertek Certification Limited
Certificate No : Q830588
Certificate Validity: 12th February 2020

[DAYANG HAJAH FATIMAH BINTI HAJI MD ALI]
b.p. Setiausaha Tetap (Teknikal & Profesional)
Kementerian Pembangunan

Tarikh dikeluarkan: 31hb Julai 2017

Nota:

- Syarikat hendaklah menghadapkan borang permohonan membaharui tiga (3) bulan sebelum tarikh Sijil Pendaftaran mansuh.
- Jika produk yang dihadapkan tidak memenuhi piawaian dan spesifikasi yang ditetapkan, surat kebenaran dan persijilan produk ditarik balik dengan serta merta.

UNITED ULI GOODLITE LIGHTING

LAMPIRAN C

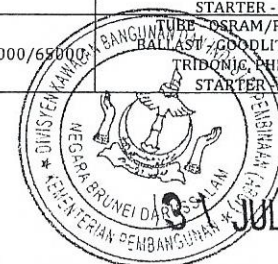
LIST OF COMPONENTS AND IT'S ORIGIN

SIZE/ MODEL	DESCRIPTION	MOUNTED	TYPE OF BALAST	FREQUENCY	VOLTAGE	CCT	COMPONENT LIST (BRAND/COUNTRY OF ORIGIN) TUBE/BALLAST/STARTER	ORIGIN
DESCRIPTION : FIXED GENERAL LUMINAIRES								
GMF 4424/SU/6W, GAC 4424/SU/6W,	GMM4424/SU/6W, ILB4424/SU/6W	4 X 36W LIGHT FITTING	SURFACE CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000 TUBE - OSRAM/PHILIPS; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS; STARTER - GE	MALAYSIA
GLC 140/91/6W, GDD 140/91/6W, GWG 140/CL/6W, GWW140/SU/6W, GLC140/91/6W/GMR140,	GLC140/91/6W/GMR140/AR, GWG140/91/6W ALLEN, GLC 140/DC/6W, GLC 140/DC/6W/GMR 140, GLC140/DC/6W/GMR 140/AR	1 X 36W LIGHT FITTING	SURFACE CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000 TUBE - OSRAM/PHILIPS; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS; STARTER - GE	MALAYSIA
GAC 3424/SU/6W, GMF 3424/SU/6W, ILB3424/SU/6W,	TLB336/PLL/SU/6W, GMF336/PLL/SU/6W	3 X 36W LIGHT FITTING	SURFACE CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000 TUBE - OSRAM/PHILIPS; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS; STARTER - GE	MALAYSIA
GDD 120/91/6W, GLC 120/91/6W, GWG 120/91/6W, GWG 120/CL/6W, GWG 120/91/6W, GWW120/SU/6W,	GLC120/91/6W/GMR120, GWG120/91/6W ALLEN, GLC120/91/6W/GMR120/AR, GLC120/DC/6W, GLC120/DC/6W/GMR 120, GLC120/DC/6W/GMR 120/AR	2 X 36W LIGHT FITTING	SURFACE CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000 TUBE - OSRAM/PHILIPS; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS; STARTER - GE	MALAYSIA
GMF 4222/SU/6W, GAC 4222/SU/6W, ILB4222/SU/6W		4 X 18 LIGHT FITTING	SURFACE CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000 TUBE - OSRAM/PHILIPS; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS; STARTER - GE	MALAYSIA
GAC 3222/SU/6W, GMF 3222/SU/6W, ILB3222/SU/6W		3 X 18W LIGHT FITTING	SURFACE CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000 TUBE - OSRAM/PHILIPS; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS; STARTER - GE	MALAYSIA
GAC 2212/SU/6W, GAC2222/SU/6W, GDD 220/91/6W, GWG 220/CL/6W, GTF 220/6W, GMF2212/SU/6W, GMF2222/SU/6W, GLC220/91/TH/6W,	ILB2222/SU/6W, GWG220/91/6W, GLC220/91/TH/6W/GMR220, GLC220/DC/6W, GLC220/91/TH/6W/GMR220/AR, GLC220/DC/6W/GMR220, GWG220/91/6W ALLEN, GLC220/DC/6W/GMR220/AR, GTF 220/6W/AR	2 X 18W LIGHT FITTING	SURFACE CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000 TUBE - OSRAM/PHILIPS; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS; STARTER - GE	MALAYSIA
GDD 120/91/6W, GLC 120/91/6W, GWG 120/91/6W, GWG 120/CL/6W, GWG 120/91/6W, GWW120/SU/6W,	GLC120/91/6W/GMR120, GWG120/91/6W ALLEN, GLC120/91/6W/GMR120/AR, GLC120/DC/6W, GLC120/DC/6W/GMR 120, GLC120/DC/6W/GMR 120/AR	1 X 18W LIGHT FITTING	SURFACE CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000 TUBE - OSRAM/PHILIPS; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS; STARTER - GE	MALAYSIA
GLC114, GLC114/GMR114, GLC114/GMR114/AR, GDD114, GWG114, ETF114/SU,	GMF114/SU, GWW114/SU, ULIFLIGHT114, GLC 114/SQ, GLC 114/GMR 114/SQ, GLC 114/GMR 114/AR/SQ	1 X 14W LIGHT FITTING	SURFACE CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000 TUBE - OSRAM/PHILIPS; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS; STARTER - GE	MALAYSIA

31 JUL 2017



SIZE/ MODEL	DESCRIPTION	MOUNTED	TYPE OF BALAST	FREQUENCY	VOLTAGE	CCT	COMPONENT LIST (BRAND/COUNTRY OF ORIGIN) TUBE/BALLAST/STARTER	ORIGIN	
DESCRIPTION : FIXED GENERAL LUMINAIRES (continued)									
LC128, GLC128/GMR128, GLC128/GMR128/AR, GDD128, GWG128, ETF128/SU,	G GMF128/SU, GWW128/SU, ULIFIGHTER128, GLC 128/SQ, GLC 128/GMR 128/SQ, GLC 128/GMR 128/AR/SQ	1 X 28W LIGHT FITTING	SURFACE CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000	TUBE - OSRAM/PHILIPS; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS; STARTER - GE	MALAYSIA
GDD 135, GLC 135, GWG 135, GLC 135/GMR 135,	GLC 135/GMR 135/AR, GLC 135/SQ, GLC 135/GMR 135/SQ, GLC 135/GMR 135/AR/SQ	1 X 35W LIGHT FITTING	SURFACE CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000	TUBE - OSRAM/PHILIPS; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS; STARTER - GE	MALAYSIA
GLC214, GLC214/GMR214, GLC214/GMR214/AR, GDD214, GWG214, ETF214/SU, GWW214/SU, GMF214/SU,	GTF214, GTF214/AR, DKL214, GAC214/SU, CEF214/SU, ILB214/SM/SU, ULIFLIGHT214	2 X 14W LIGHT FITTING	SURFACE CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000	TUBE - OSRAM/PHILIPS; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS; STARTER - GE	MALAYSIA
GLC228, GLC228/GMR228, GLC228/GMR228/AR, GDD228, GWG228, ETF228/SU, GMF228/SU,	GWW228/SU, GTF228, GTF228/AR, DKL228, GAC228/SU, CEF228/SU, ILB228/SM/SU, ULIFLIGHT228	2 X 28W LIGHT FITTING	SURFACE CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000	TUBE - OSRAM/PHILIPS; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS; STARTER - GE	MALAYSIA
GLC235, GLC235/GMR235, GLC235/GMR235/AR,	GDD235, GWG235	2 X 35W LIGHT FITTING	SURFACE CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000	TUBE - OSRAM/PHILIPS; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS; STARTER - GE	MALAYSIA
GMF314/SU, GAC314/SU, ETF314/SU,	ILB314/SM/SU, CEF314/SU	3 X 14W LIGHT FITTING	SURFACE CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000	TUBE - OSRAM/PHILIPS; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS; STARTER - GE	MALAYSIA
GMF328/SU, GAC318/SU, ETF328/SU,	ILB328/SM/SU, CEF328/SU	3 X 28W LIGHT FITTING	SURFACE CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000	TUBE - OSRAM/PHILIPS; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS; STARTER - GE	MALAYSIA
GMF414/SU, GAC414/SU, ETF414/SU, ILB414/SM/SU,	CEF414/SU, GTF414, GTF414/AR	4 X 14W LIGHT FITTING	SURFACE CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000	TUBE - OSRAM/PHILIPS; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS; STARTER - GE	MALAYSIA
GMF428/SU, GAC428/SU, ETF428/SU, ILB428/SM/SU,	CEF428/SU, GTF428, GTF428/AR	4 X 28W LIGHT FITTING	SURFACE CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000	TUBE - OSRAM/PHILIPS; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS; STARTER - GE	MALAYSIA
GCR120/6W		1 X 18W LIGHT FITTING	SURFACE CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000	TUBE - OSRAM/PHILIPS; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS; STARTER - GE	MALAYSIA
GCR220/6W		2 X 18W LIGHT FITTNG	SURFACE CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000	TUBE - OSRAM/PHILIPS; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS; STARTER - GE	MALAYSIA



SIZE/ MODEL	DESCRIPTION	MOUNTED	TYPE OF BALAST	FREQUENCY	VOLTAGE	CCT	COMPONENT LIST (BRAND/COUNTRY OF ORIGIN) TUBE/BALLAST/STARTER	ORIGIN
DESCRIPTION : FIXED GENERAL LUMINAIRES (continued)								
GCR140/6W	1 X 36W LIGHT FITTING	SURFACE CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000	TUBE - OSRAM/PHILIPS ; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS ; STARTER - GE	MALAYSIA
GCR240/6W	2 X 36W LIGHT FITTING	SURFACE CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000	TUBE - OSRAM/PHILIPS ; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS ; STARTER - GE	MALAYSIA
GCR214	2 X 14W LIGHT FITTING	SURFACE CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000	TUBE - OSRAM/PHILIPS ; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS ; STARTER - GE	MALAYSIA
GCR128	1 X 28W LIGHT FITTING	SURFACE CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000	TUBE - OSRAM/PHILIPS ; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS ; STARTER - GE	MALAYSIA
GCR228	2 X 28W LIGHT FITTING	SURFACE CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000	TUBE - OSRAM/PHILIPS ; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS ; STARTER - GE	MALAYSIA
GLC114/SQ, GLC114/GMR114/SQ, GLC114/GMR114/AR/SQ	1 X 14W LIGHT FITTING	SURFACE CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000	TUBE - OSRAM/PHILIPS ; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS ; STARTER - GE	MALAYSIA
GLC128/SQ, GLC128/GMR128/SQ, GLC128/GMR128/AR/SQ	1 X 28W LIGHT FITTING	SURFACE CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000	TUBE - OSRAM/PHILIPS ; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS ; STARTER - GE	MALAYSIA
GLC135/SQ, GLC135/GMR135/SQ, GLC135/GMR135/AR/SQ	1 X 35W LIGHT FITTING	SURFACE CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000	TUBE - OSRAM/PHILIPS ; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS ; STARTER - GE	MALAYSIA
GLC214/SQ, GLC214/GMR214/SQ, GLC214/GMR214/AR/SQ	2 X 14W LIGHT FITTING	SURFACE CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000	TUBE - OSRAM/PHILIPS ; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS ; STARTER - GE	MALAYSIA
GLC228/SQ, GLC228/GMR228/SQ, GLC228/GMR228/AR/SQ	2 X 28W LIGHT FITTING	SURFACE CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000	TUBE - OSRAM/PHILIPS ; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS ; STARTER - GE	MALAYSIA
GLC235/SQ, GLC235/GMR235/SQ, GLC235/GMR235/AR/SQ	2 X 35W LIGHT FITTING	SURFACE CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000	TUBE - OSRAM/PHILIPS ; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS ; STARTER - GE	MALAYSIA



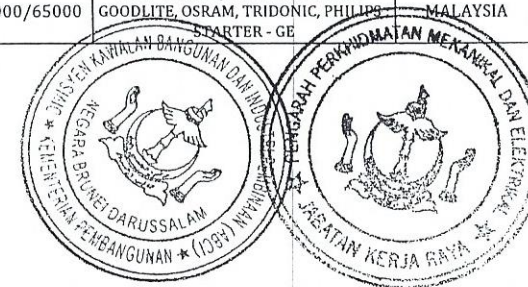
31 JUL 2017

SIZE/ MODEL	DESCRIPTION	MOUNTED	TYPE OF BALAST	FREQUENCY	VOLTAGE	CCT	COMPONENT LIST (BRAND/COUNTRY OF ORIGIN) TUBE/BALLAST/STARTER	ORIGIN	
DESCRIPTION : RECESSED LUMINAIRES									
GMF 4424/AL/6W, GMF4424/RE/6W, ULI 44424/AL/6W, ULI 4424/RE/6W, GAC 4424/AL/6W, GAC4424/AL/6W,	GAC4424/RE/6W, GMM4424/AL/6W, GMM4424/RE/6W, ILB4424/AL/6W, ILB4424/RE/6W, CEF440/6W	4 X 36W LIGHT FITTING	RECESSED/ T-BAR CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000	TUBE - OSRAM/PHILIPS ; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS ; STARTER - GE	MALAYSIA
GMF2414/AL/6W, GMF2424/AL/6W, GMF 2414/RE/6W, GMF 2424/RE/6W, ULI 2424/AL/6W, ULI2424/RE/6W, GAC 2414/AL/6W, GAC 2424/AL/6W, GAC2414/RE/6W, GAC 2424/RE/6W, GMM2414/AL/6W, GMM2424/AL/6W,	GMM2414/RE/6W, GMM2424/RE/6W, ILB2414/AL/6W, ILB2424/AL/6W, ILB2414/RE/6W, ILB2424/RE/6W, CEF240/6W, GWW240/AL/6W, GWW240/RE/6W, TLB236/PLL/AL/6W, TLB236/PLL/RE/6W, GMF236/PLL/AL/6W, GMF236/PLL/RE/6W	2 X 36W LIGHT FITTING	RECESSED/ T-BAR CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000	TUBE - OSRAM/PHILIPS ; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS ; STARTER - GE	MALAYSIA
GMF1202/AL/6W, GMF1202/RE/6W, GAC 1202/AL/6W, GAC 12020/RE/6W,	GMM1202/AL/6W, GMM1202/RE/6W, GWW120/AL/6W, GWW120/RE/6W	1 X 18W LIGHT FITTING	RECESSED/ T-BAR CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000	TUBE - OSRAM/PHILIPS ; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS ; STARTER - GE	MALAYSIA
GMF 3222/AL/6W, GMF 3222/RE/6W, ULI 3222/AL/6W, ULI3222/RE/6W, GAC3222/AL/6W,	GAC3222/RE/6W, GMM3222/AL/6W, GMM3222/RE/6W, ILB3222/AL/6W, ILB3222/RE/6W, CEF320/6W	3 X 18W LIGHT FITTING	RECESSED/ T-BAR CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000	TUBE - OSRAM/PHILIPS ; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS ; STARTER - GE	MALAYSIA
GMF 4222/AL/6W, GMF 4222/RE/6W, ULI 4222/AL/6W, ULI 4222/RE/6W, GAC4222/AL/6W,	GAC4222/RE/6W, GMM4222/AL/6W, GMM4222/RE/6W, ILB4222/AL/6W, ILB4222/RE/6W, CEF420/6W	4 X 18 LIGHT FITTING	RECESSED/ T-BAR CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000	TUBE - OSRAM/PHILIPS ; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS ; STARTER - GE	MALAYSIA
GMF 2212/AL/6W, GMF 2222/AL/6W, GMF 2212/RE/6W, GMF 2222/RE/6W, ULI 2212/AL/6W, ULI2222/AL/6W, ULI 2212/RE/6W, ULI 2222/RE/6W, GAC 2212/AL/6W, GAC 2222/AL/6W, GAC2212/RE/6W,	GAC2222/RE/6W, GMM2212/AL/6W, GMM2222/AL/6W, GMM2212/RE/6W, GMM2222/RE/6W, ILB2212/AL/6W, ILB2222/AL/6W, ILB2212/RE/6W, ILB2222/RE/6W, CEF220/6W, GWW220/AL/6W, GWW220/RE/6W	2 X 18W LIGHT FITTING	RECESSED/ T-BAR CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000	TUBE - OSRAM/PHILIPS ; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS ; STARTER - GE	MALAYSIA
GMF3424/AL/6W, GMF3424/RE/6W, ULI3424/AL/6W, ULI3424/RE/6W, GAC3424/AL/6W, GAC3424/RE/6W, GMM3424/AL/6W,	GMM3424/RE/6W, ILB3424/AL/6W, ILB3424/RE/6W, CEF340/6W, TLB336/PLL/AL/6W, TLB336/PLL/RE/6W, GMF336/PLL/AL/6W, GMF336/PLL/RE/6W	3 X 36W LIGHT FITTING	RECESSED/ T-BAR CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000	TUBE - OSRAM/PHILIPS ; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS ; STARTER - GE	MALAYSIA



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SIZE/ MODEL	DESCRIPTION	MOUNTED	TYPE OF BALAST	FREQUENCY	VOLTAGE	CCT	COMPONENT LIST (BRAND/COUNTRY OF ORIGIN) TUBE/BALLAST/STARTER	ORIGIN
DESCRIPTION : RECESSED LUMINAIRES (continued)								
MF 1404/AL/6W, GMF 1404/RE/6W, GAC1404/AL/6W, GAC 1404/RE/6W,	GGMM1404/AL/6W, GMM1404/RE/6W, GWW140/AL/6W, GWW140/RE/6W	1 X 36W LIGHT FITTING	RECESSED/ T-BAR CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000	TUBE - OSRAM/PHILIPS; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS; STARTER - GE MALAYSIA
GMF214/AL, GMF214/RE, GAC214/AL, GAC214/RE, ETF214/AL, ETF214/RE,	ILB214/SM/AL, ILB214/SM/RE, CEF214/AL, CEF214/RE, GWW214/AL, GWW214/RE	2 X 14W LIGHT FITTING	RECESSED/ T-BAR CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000	TUBE - OSRAM/PHILIPS; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS; STARTER - GE MALAYSIA
GMF228/AL, GMF228/RE, GAC228/AL, GAC228/RE, ETF228/AL, ETF228/RE,	ILB228/SM/AL, ILB228/SM/RE, CEF228/AL, CEF228/RE, GWW228/AL, GWW228/RE	2 X 28W LIGHT FITTING	RECESSED/ T-BAR CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000	TUBE - OSRAM/PHILIPS; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS; STARTER - GE MALAYSIA
GMF314/AL/, GMF314/RE, GAC314/AL, GAC314/RE, ETF314/AL, ETF314/RE,	ILB314/SM/AL, ILB314/SM/RE, CEF314/AL, CEF314/RE	3 X 14W LIGHT FITTING	RECESSED/ T-BAR CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000	TUBE - OSRAM/PHILIPS; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS; STARTER - GE MALAYSIA
GMF328/AL/, GMF328/RE, GAC328/AL, GAC328/RE, ETF328/AL, ETF328/RE,	ILB328/SM/AL, ILB328/SM/RE, CEF328/AL, CEF328/RE	3 X 28W LIGHT FITTING	RECESSED/ T-BAR CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000	TUBE - OSRAM/PHILIPS; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS; STARTER - GE MALAYSIA
GMF414/AL/, GMF414/RE, GAC414/AL, GAC414/RE, ETF414/AL, ETF414/RE,	ILB414/SM/AL, ILB414/SM/RE, CEF414/AL, CEF414/RE	4 X 14W LIGHT FITTING	RECESSED/ T-BAR CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000	TUBE - OSRAM/PHILIPS; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS; STARTER - GE MALAYSIA
GMF428/AL/, GMF428/RE, GAC428/AL, GAC428/RE, ETF428/AL, ETF428/RE,	ILB428/SM/AL, ILB428/SM/RE, CEF428/AL, CEF428/RE	4 X 28W LIGHT FITTING	RECESSED/ T-BAR CEILING TYPE	HIGH FREQUENCY ELECTRONIC/MAGNETIC	50HZ	240V~	4000/6000/65000	TUBE - OSRAM/PHILIPS; BALLAST - GOODLITE, OSRAM, TRIDONIC, PHILIPS; STARTER - GE MALAYSIA



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