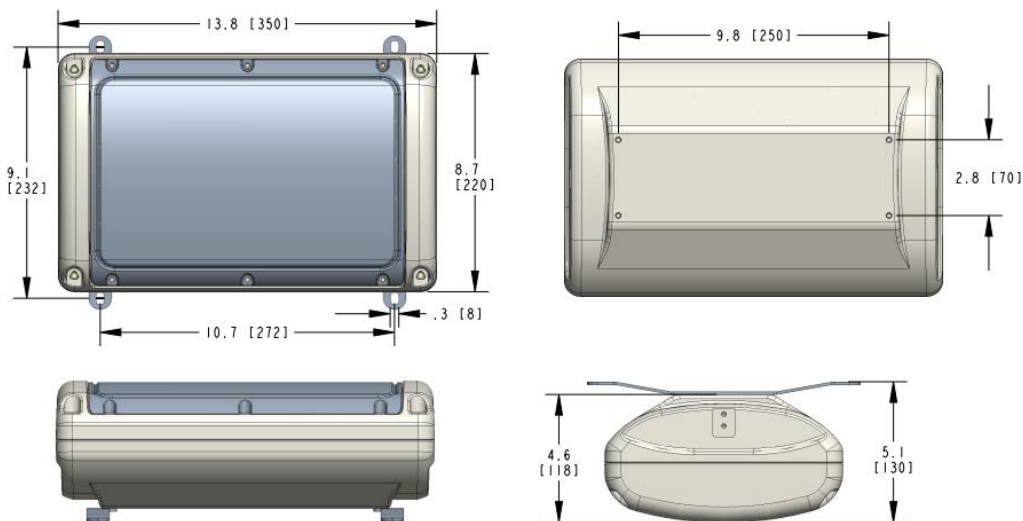


Installation / Operating Instructions

These instructions contain safety information, read and follow them carefully.

Dialight will not accept any responsibility for injury, damage or loss which may occur due to incorrect installation, operation or maintenance.



(in / mm)

Installation / Operating Instructions
Installationshinweise / Gebrauchsanleitung
Instrucciones de instalacion / Funcionamiento
Manuel d'installation / D'utilisation
Instrucoes de instalacao / Operacao



Note: Save these instructions for future use

WARNING: INSTALLATION & SECONDARY RETENTION. The use of this product without proper installation and inspections, including secondary safety retention/securing/netting, could cause severe injury or death.

Dialight recommends that all installations should use secondary retention and/or safety netting (appropriate to the installation environment) where applicable. It is the exclusive responsibility of the contractor, installer and/or end customer to: (a) determine the suitability of the product for its intended application; and, (b) ensure that the product is installed safely (with secondary retention and/or safety netting where appropriate) and in compliance with all applicable laws and regulations. To the extent permissible under the relevant law, Dialight disclaims all responsibility for personal injury and/or other damage resulting from any dislodgement or other dislocation of this product.

ADVERTENCIA: INSTALACIÓN Y SISTEMA SECUNDARIO DE SUJECCIÓN. Usar este producto sin haberlo instalado e inspeccionado correctamente, lo que incluye usar sistemas secundarios de retención/sujeción/redes, podría ocasionar lesiones graves o la muerte.

Dialight recomienda que en todas las instalaciones se utilice un sistema secundario de retención o una red de seguridad (apropiados para el lugar de la instalación), según corresponda. Será responsabilidad exclusiva del contratista, el instalador o el cliente final encargarse de lo siguiente: a) determinar si el producto es apto para el uso previsto; y b) asegurarse de que el producto se instale de manera segura (usando un sistema secundario de retención o una red de seguridad, si corresponde) y de conformidad con todas las leyes y disposiciones aplicables. En la máxima medida autorizada por la legislación pertinente, Dialight no será responsable por ninguna lesión personal u otros daños que se produzcan a raíz de cualquier caída o desplazamiento de este producto.

AVISO: INSTALAÇÃO E RETENÇÃO SECUNDÁRIA. O uso deste produto sem a instalação e inspeções adequadas, incluindo retenção/fixação secundárias e/ou redes de segurança, pode provocar ferimentos sérios ou morte.

A Dialight recomenda que todas as instalações utilizem retenção secundária e/ou redes de segurança (apropriadas ao ambiente da instalação) sempre que aplicável. É responsabilidade exclusiva da empreiteira, instaladora e/ou do cliente final: (a) determinar a adequabilidade deste produto para a aplicação pretendida; e, (b) assegurar que o produto seja instalado de maneira segura (com retenção secundária e/ou rede de segurança sempre que apropriado) e em conformidade com todas as leis e regulamentações aplicáveis. Dentro dos limites permitidos pela legislação pertinente, a Dialight se exime de toda responsabilidade por ferimentos pessoais e/ou outros danos resultantes do desalojamento ou de outro deslocamento deste produto.

AVERTISSEMENT : INSTALLATION ET FIXATION SECONDAIRE. L'utilisation de ce produit sans une installation et des inspections en bonne et due forme, notamment la sécurisation/ la fixation de sécurité secondaires/ l'installation d'une grille en acier tissée de sécurité, peut entraîner des blessures graves voire la mort.

Dialight recommande que toutes les installations soient pourvues d'une fixation secondaire ou d'une grille en acier tissée de sécurité (adaptées à l'environnement de l'installation) dans la mesure du possible. Il va de la responsabilité exclusive de l'entrepreneur, de l'installateur ou du client final de : (a) déterminer si le produit est adapté à son usage prévu et (b) assurer que le produit est installé de manière sûre (avec une fixation secondaire et/ou une grille en acier tissée de sécurité le cas échéant) et en conformité avec la loi et les normes en vigueur. Dans la mesure permise par la loi en vigueur, Dialight n'assumera aucune responsabilité en cas de blessure sur la personne ou autre dommage résultant du déboîtement ou de toute autre dislocation de ce produit.

WARNUNG: INSTALLATION UND ZWEITE ABHÄNGUNG. Die Verwendung dieses Produkts ohne ordnungsgemäße Installation und Inspektionen, einschließlich einer zweiten Abhängung/eines Sicherheitsnetzes, könnte zu schweren Verletzungen oder Tod führen.

Dialight empfiehlt bei allen Installationen die Verwendung einer zweiten Abhängung und/oder eines Sicherheitsnetzes (entsprechend der Installationsumgebung). Es ist die ausschließliche Verantwortlichkeit des Vertragsnehmers, Monteurs und/oder Endkunden: (a) die Eignung des Produkts für seinen vorgesehenen Nutzungszweck zu bestimmen und (b) sicherzustellen, dass das Produkt sicher (mit ggf. zweiter Abhängung und/oder einem Sicherheitsnetz) und gemäß allen geltenden Gesetzen und Vorschriften montiert wird. Soweit gemäß dem geltenden Gesetz erlaubt, schließt Dialight jegliche Haftung für Körperverletzung und/oder andere Schäden aufgrund einer Entfernung oder anderen Positionsänderung dieses Produkts aus.

WARNING:

To avoid the risk of fire, explosion, or electric shock, this product should be installed, inspected, and maintained by a qualified electrician in accordance with all applicable electrical rules and regulation.

Safety Instruction:

To avoid electric shock:

- Be certain electrical power is OFF before and during installation and maintenance.
- Luminaire must be connected to a wiring system with an equipment-grounding conductor.
- Make sure the supply voltage is the same as the rated luminaire voltage.
- The technical data indicated on the LED luminaires are to be observed.
- Changes of the design and modifications to the LED luminaire are not permitted.
- Observe the national/regional electrical safety rules and regulations during installation.

Technical Data:

Ratings and Certifications:

- CE / RCM
- IK 10 (polycarbonate)
- IP 66 / 67

Operating Temperature Range:

-40°C to +65°C (-40°F to +149°F)	Standard Design
-20°C to +55°C (-4°F to +131°F)	Battery Backup

Operating Voltage:

100–277 VAC 50/60Hz / 120–250 VDC	BH****2*****N
230/240 VAC	BH****G***** (E/F/G)
110/120 VAC	BH****1***** (E/F/G)

Power: See chart below

Housing Material: Copper-free Cast Aluminum

Weight:

6.8kg (15lb)	Standard Design
7.7kg (17lb)	Battery Backup Design

POWER CHART: All figures are MAXIMUMS		Standard Design			Battery Backup		
		100Vac	230Vac	277Vac	100Vac	230Vac	277Vac
3klm WHITE	Wattage	22W	22W	22W	25W	25W	25W
	Input Current	0.22A	0.10A	0.08A	0.25A	0.10A	0.09A
6klm WHITE	Wattage	45W	45W	45W	48W	48W	48W
	Input Current	0.45A	0.20A	0.17A	0.48A	0.20A	0.17A
3klm AMBER	Wattage	24W	24W	24W	27W	27W	27W
	Input Current	0.24A	0.10A	0.08A	0.26A	0.11A	0.09A
5klm AMBER	Wattage	46W	46W	46W	49W	49W	49W
	Input Current	0.46A	0.20A	0.16A	0.49A	0.20A	0.17A
3klm GREEN	Wattage	27W	27W	27W	33W	33W	33W
	Input Current	0.27A	0.12A	0.10A	0.33A	0.14A	0.12A

Luminaire Application:

The luminaire can be used inside or outside to illuminate general areas.

Always transport and store the luminaire in its original packaging and keep in a dry location.

When unpacking, check for any cracks or damage to the castings and lens. If in doubt, do not install.

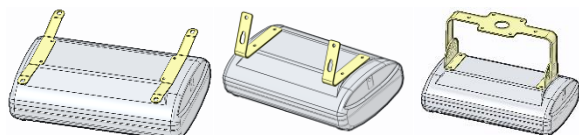
CAUTION: It is important to ensure that the application structure can support the weight of the luminaire.

Dialight is not responsible for damage to application structure or to luminaire, if mounted improperly.

Inspect the luminaire prior to installation for any physical defects.

If any physical defects are noticed, **DO NOT** install luminaire and contact a Dialight representative.

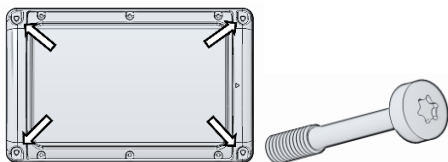
Mounting of Luminaire



(examples)

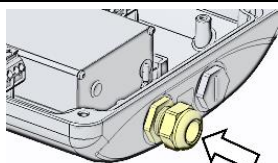
Secure mounting bracket to luminaire
(refer to separate manual for mounting options)

Electrical Connections



Unthread corner captive screws

CAUTION: DO NOT REMOVE CAPTIVE HARDWARE FROM CAPTIVE FEATURE



Cable Gland

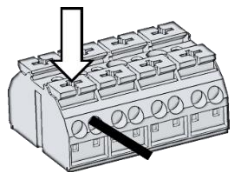
Remove plastic plug and replace with M20 cable gland appropriately sized for the intended cable.

Terminal Block Connection



For push down style: 12-20 AWG (4.0-0.5 mm²) 10-11 mm (0.39"- 0.43")
For cage clamp style: 10-20 AWG (6.0-0.5 mm²) 11-13 mm (0.43"- 0.51")

Strip source cable conductor jacket, ground conductor must be equal to or greater than source conductors in cross sectional area.

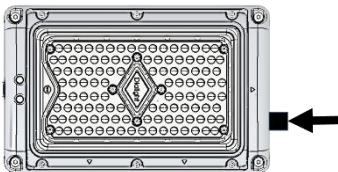
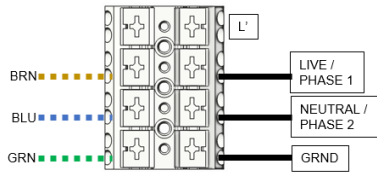
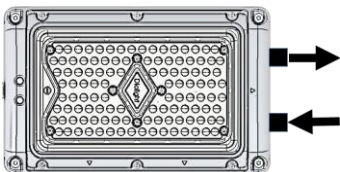
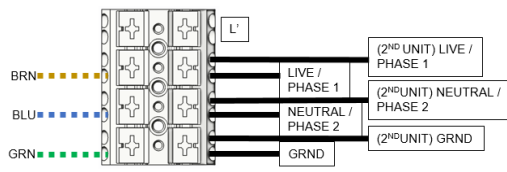
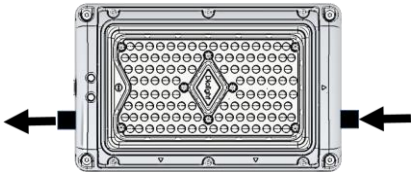
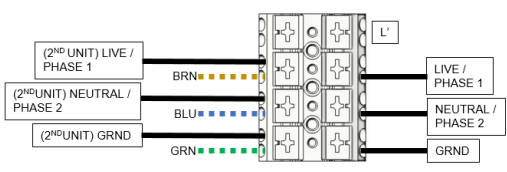


Push down, insert source conductor and release.

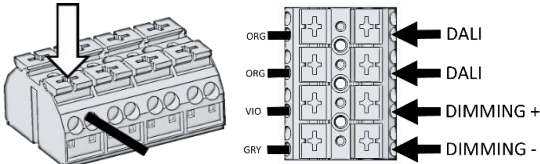
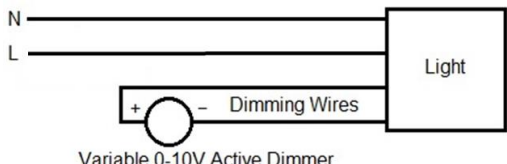
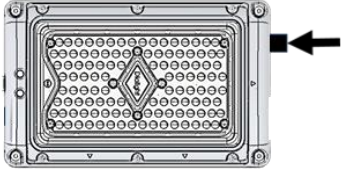
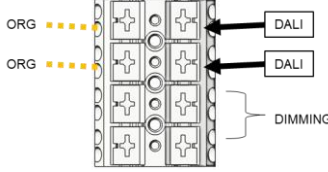
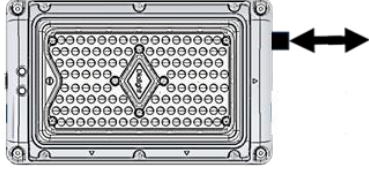
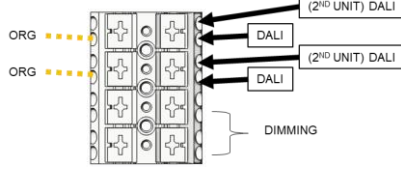
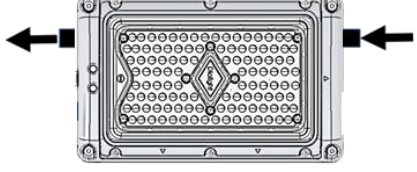
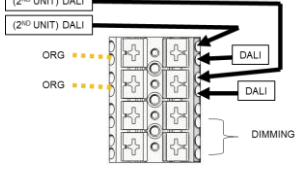
Slight tug on source conductor to check engagement

WARNING: Only single cable for each terminal entry point.

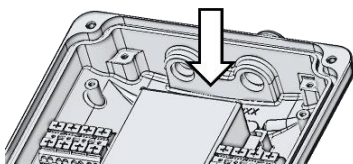
NON-BATTERY DESIGN

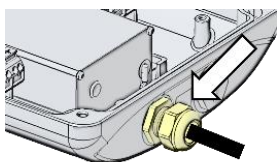
Electrical Connections (DALI or Dimming Compatible)

	<p>Strip and insert conductor as instructed above Slight tug on the conductor to check engagement WARNING: Only single cable for each terminal entry point</p>
	<p>Light output will vary sinking 0.5 mA per light 10 V = 100% light output. NOTE: Shorting the DIMMING wires together will cause the light to shut off.</p>
	
	
	

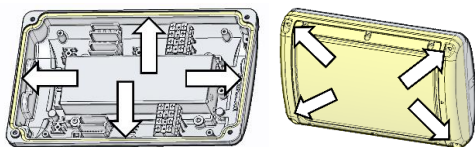
Closing Luminaire



After illumination confirmation, tuck excess cable into luminaire



Tighten cord grip as recommended by gland manufacturer to secure cable



Torque: **1st** = 1 N-m (8.8 in-lb) **FINAL** = 5 N-m (44.2 in-lb)

Ensure O-ring is in place and not damaged
CAUTION: Ensure cables will not be pinched
 Tighten corner captive screws (opposite corner sequence)

Battery Backup Connection

Battery Pack is **only** charged during AC operation
 Once AC power is lost, **BATTERY MODE** is enabled and will stay on based on the configuration jumper position (Fig.A) below.

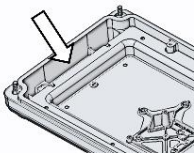
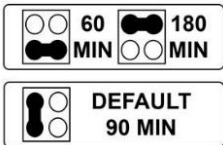
BATTERY LIFE: The battery pack should be replaced when it no longer meets the rated duration of operation after testing, mark battery with date of install. Please consult factory for replacement parts.
ATTENTION: Luminaire requires a minimum of **24 continuous hours** of normal operation before the batteries are fully charged. If AC power is interrupted, then the 24 hour clock restarts.

SELF-TESTING: The Luminaire performs tests automatically with delay times and intervals defined in IEC 62034.

Install Duration Test	runs a duration test after 24 continuous hours of normal operation, the light will go into BATTERY MODE based on the configuration jumper
Function Test	will be performed monthly, light will remain in normal operation during test
Annual Duration Test	runs a duration test after 1 year of normal operation, the light will go into BATTERY MODE based on the configuration jumper

GREEN LIGHT = Indicates **NORMAL** status **RED LIGHT** = Indicates **SYSTEM FAULT** status
 Refer to table to identify meaning of flashing lights. Mark battery with date of install.

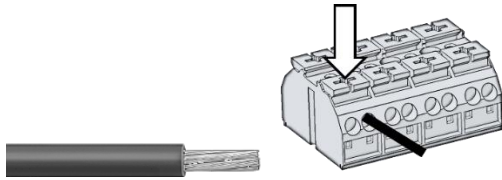
Battery Indicator Signals		Slow Flash = 0.5 Hz	Fast Flash = 2.5 Hz	
Mode	Indicator LED	System Status	Battery LAMP	Stand-alone / DALI
Battery Standby	Green ON Pulse Every 10s	Normal	Off	Both
Battery Charging in Progress	Green ON Pulse Every 10s	Normal	Off	Both
Function Test in Progress	Green Fast Flash	Self Testing	On	Both
Duration Test in Progress	Green Slow Flash	Self Testing	On	Both
Battery Operation	All Off	Battery Backup	On	Both
Lamp Fault	Red Fast Flash	Fault	Off	Both
Battery Charging Fault	Red Slow Flash	Fault	Off	Both
Battery Duration Fault	Red Slow Flash	Fault	Off	Both
Identification	All Fast Flash	Normal	Off	DALI Mode Only
Rest	All Off	Battery Backup	Off	DALI Mode Only
Prolong	All Off	Battery Backup	On	DALI Mode Only

Battery configuration jumper positions

Fig.A

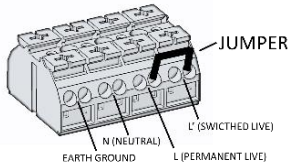
Electrical Connections (Battery Backup)



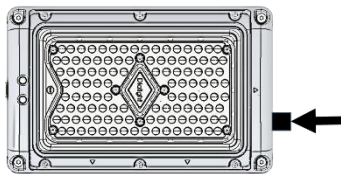
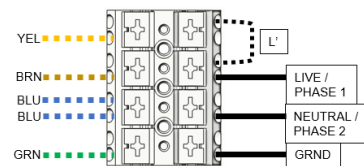
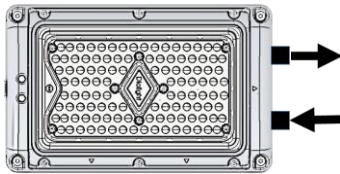
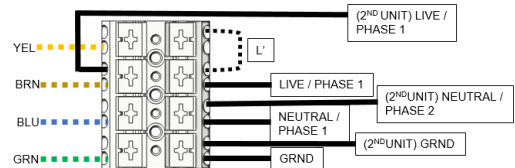
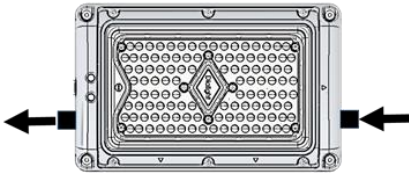
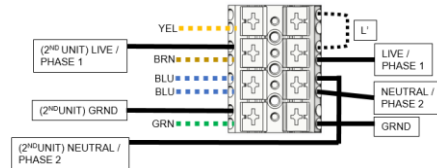
(for all connections)
Strip and insert source conductor as instructed above
Slight tug on the conductor to check engagement
WARNING: Only single cable for each terminal entry point

PERMANENT MAINTAINED CONNECTIONS

Light is always on, maintains charging, battery mode enabled with loss of AC power

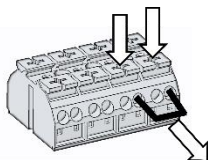


Jumper in place (from factory)

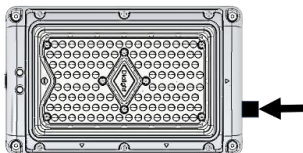
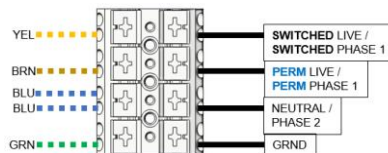
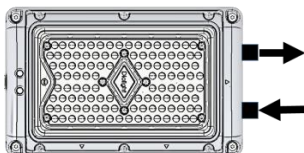
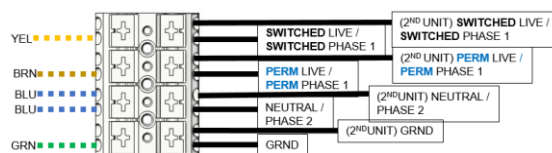
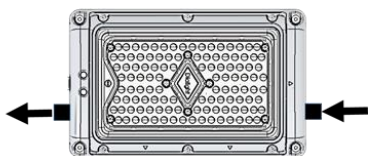
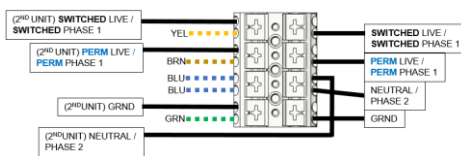


SWITCHED MAINTAINED CONNECTIONS

Switch is added to L` to switch the light on/off, maintains charging, battery mode enabled with loss of AC

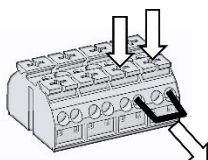


Push down, **remove** jumper and release

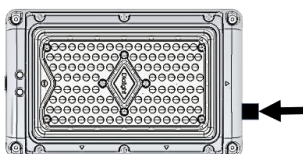
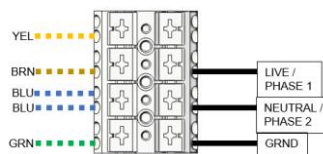
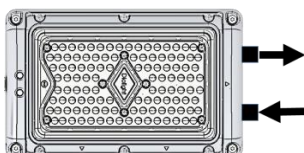
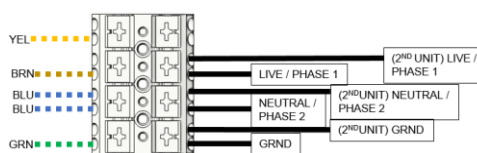
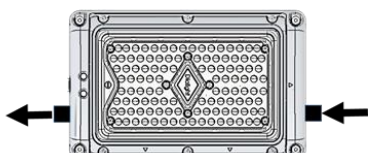
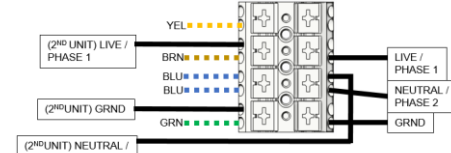


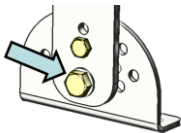
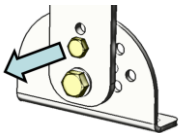
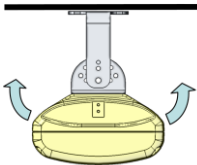
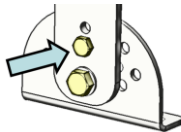
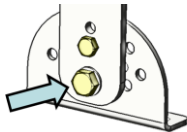
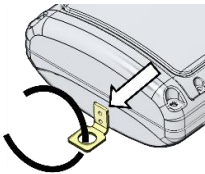
NON-MAINTAINED CONNECTIONS

Light is off normally, maintains charging, battery mode enabled with loss of AC



Push down, **remove** jumper and release



Power and Illumination Check	
	<p>Restore power to check for illumination</p> <p>CAUTION: Do not look directly into luminaire without protective shaded eyewear</p>
Final Orientation of Luminaire (Adjustable Bracket Only)	
<div>  <p>Pivot bolt</p>  <p>Locking bolt</p> </div>	<p>Loosen pivot bolt WARNING: DO NOT REMOVE</p> <p>Remove locking bolt WARNING: DO NOT DISCARD</p>
	<p>Tilt to proper angle (15° increments)</p>
<div>  <p>Torque = 7 N-m (5 ft-lb)</p>  <p>Torque = 34 N-m (25 ft-lb)</p> </div>	<p>Reinstall angle locking bolt and tighten</p> <p>Tighten pivoting bolt</p>
Secondary Safety Retention (optional)	
 <p>Hole = Ø 19mm (.75")</p>	<p>Feed cable/chain/etc through bracket</p> <p>Some slack after installation is suggested</p>

Conditions for Use:

The supply to the luminaire must include a fuse which is capable of interrupting a 100 A short circuit current.

When used with steel wired armor or braided cable the basket weave armor or braid is unable to carry the cable load without fracture. The cable must therefore be clamped and cleated to prevent pulling on the cable being transmitted to the cable terminations.

WARNING: Improper installation, operation, or maintenance of this luminaire may result in the invalidation of the warranty, certificate, or declaration of conformity.

For maximum long term reliability and light output, the luminaire must be installed in free air.

Maintenance and Inspection:

Within the scope of maintenance or inspection routine the following should be included:

- Consult the relevant national regulations to determine the type and extent of inspections required
- Adjust inspection intervals accordingly to suit the operating conditions
- Perform maintenance in accordance with IEC 60079-17 and IEC 60079-19
- The lens window and any exterior surfaces to be cleaned periodically using a damp, non-abrasive, lint free cloth.

Repairs / Overhaul / Modification:

The operation of the luminaire must be in accordance to the intended purpose and undamaged condition. Changes and modifications are not permitted to the luminaire.

NOTE: Should the luminaire enclosure be damaged, only a full luminaire replacement will be permitted. In case of doubt, the luminaire should be returned to Dialight for inspection/repair.

Chemical Compatibility Guide:

Chemical compatibility is highly dependent on concentration, temperature, humidity, and other environmental conditions and therefore the customer assumes responsibility for evaluation of gaseous or direct contact chemical compatibility at their site prior to product installation.

Contact your local Dialight representative for more information.

Disposal Recycling:

When the luminaire is disposed of, the respective national/regional regulations on waste disposal should be observed.



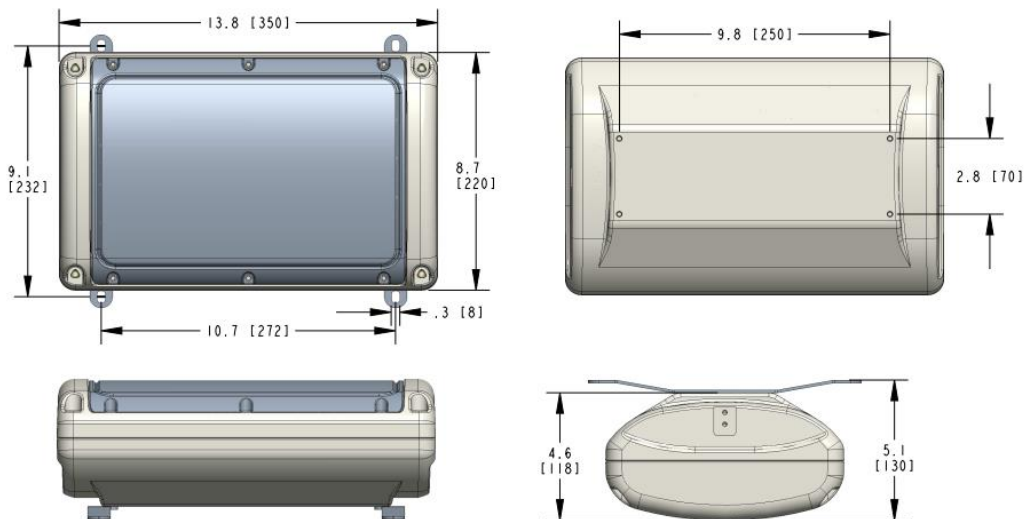
Official Statement

All statements, technical information, and recommendations contained herein are based on information and tests that Dialight believes to be reliable. The accuracy or completeness thereof is not guaranteed. In accordance with Dialight Terms and Conditions of Sale and since conditions of use are outside our control, the purchaser should determine the suitability of the product for his or her intended use and assumes all risk and liability whatsoever in connection therewith.

Instruksi Pemasangan/Pengoperasian

Instruksi ini memuat informasi keamanan, baca dan ikuti dengan saksama.

Dialight tidak bertanggung jawab atas cedera, kerusakan, atau kerugian yang terjadi karena pemasangan, operasi, atau pemeliharaan yang salah.



(in / mm)

Installation / Operating Instructions
 Installationshinweise / Gebrauchsanleitung
 Instrucciones de instalacion / Funcionamiento
 Manuel d'installation / D'utilisation
 Instrucoes de instalacao / Operacao



Note: Save these instructions for future use

PERINGATAN: PEMASANGAN & RETENSI SEKUNDER *Penggunaan produk ini tanpa cara pemasangan dan inspeksi yang tepat, termasuk retensi/pengamanan/jaring keselamatan sekunder, dapat menyebabkan cedera serius atau kematian.* Dialight merekomendasikan semua pemasangan harus menggunakan retensi sekunder dan/atau jaring pengaman (yang sesuai dengan area pemasangan) jika berlaku. Kontraktor, penginstal, dan/atau pelanggan bertanggung jawab secara eksklusif untuk: (a) menentukan kecocokan produk untuk aplikasi yang dimau; dan (b) memastikan bahwa produk sudah dipasang dengan aman (dengan retensi sekunder dan/atau jaring pengaman jika sesuai) dan mematuhi semua hukum dan peraturan yang berlaku. Sejauh diizinkan oleh hukum yang relevan, Dialight menolak bertanggung jawab atas cedera dan/atau kerugian lain yang disebabkan oleh terlepasnya atau berpindah tempatnya produk ini.

PERINGATAN:

Untuk menghindari risiko kebakaran, ledakan, atau sengatan listrik, produk ini harus dipasang, diinspeksi, dan dipelihara oleh teknisi berkualifikasi sesuai dengan semua peraturan dan regulasi kelistrikan yang berlaku.

Instruksi Keselamatan:

Untuk menghindari sengatan listrik:

- Pastikan daya listrik di posisi OFF sebelum dan selama pemasangan dan pemeliharaan.

- Luminaire harus tersambung ke sistem wiring dengan konduktor grounding equipment
- Pastikan tegangan suplai sama dengan tegangan luminaire.
- Data teknis yang tertera pada LED luminaire harus dipatuhi.

- Perubahan desain dan modifikasi pada LED luminaire tidak diizinkan.
- Patuhi aturan dan regulasi keselamatan nasional/regional selama pemasangan

Data Teknis:

Rating dan Sertifikasi:

- CE / RCM
- IK 10 (polikarbonat)
- IP 66 / 67

Rentang Suhu Pengoperasian:

-40°C hingga +65°C (-40°F hingga +149°F)	Desain Standar
-20°C hingga +55°C (-4°F hingga +131°F)	Backup Baterai

Tegangan Pengoperasian:

100–277 VAC 50/60Hz / 120–250 VDC	BH****2*****N
230/240 VAC	BH****G***** (E/F/G)
110/120 VAC	BH****1***** (E/F/G)

Daya: Lihat diagram di bawah ini

Bahan Rumah: Aluminium Cetak Tanpa Tembaga

Berat:

6.8kg (15lb)	Desain Standar
7.7kg (17lb)	Backup Baterai

Diagram Daya:

Semua angka adalah **MAKSIMUM**

		Desain Standar			Backup Baterai		
		100Vac	230Vac	277Vac	100Vac	230Vac	277Vac
3klm PUTIH	Daya Listrik	22W	22W	22W	25W	25W	25W
	Arus Input	0.22A	0.10A	0.08A	0.25A	0.10A	0.09A
6klm WHITE	Daya Listrik	45W	45W	45W	48W	48W	48W
	Arus Input	0.45A	0.20A	0.17A	0.48A	0.20A	0.17A
3klm KUNING MUDA	Daya Listrik	24W	24W	24W	27W	27W	27W
	Arus Input	0.24A	0.10A	0.08A	0.26A	0.11A	0.09A
5klm KUNING MUDA	Daya Listrik	46W	46W	46W	49W	49W	49W
	Arus Input	0.46A	0.20A	0.16A	0.49A	0.20A	0.17A
3klm HIJAU	Daya Listrik	27W	27W	27W	33W	33W	33W
	Arus Input	0.27A	0.12A	0.10A	0.33A	0.14A	0.12A

Aplikasi Luminaire:

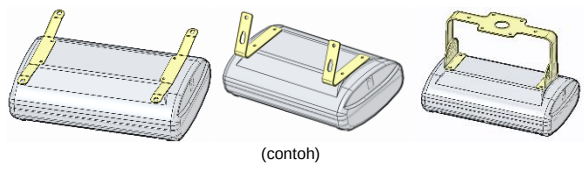
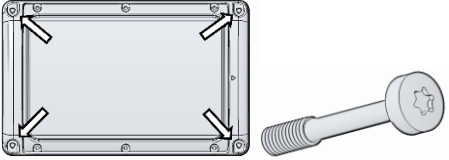
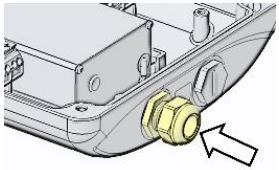
Luminaire dapat digunakan di dalam atau di luar ruangan untuk menerangi area umum.

Selalu pindahkan dan simpan luminaire di dalam kemasan aslinya dan simpan di tempat yang kering.

Saat membuka kemasan, periksa sambungan atau kerusakan pada cor-coran dan lensa. Jika ragu, jangan pasang.

HATI-HATI: Penting untuk memastikan bahwa struktur aplikasi dapat menopang berat aksesoris lampu/luminaire. Dialight tidak bertanggung jawab atas kerusakan terhadap struktur aplikasi atau pada luminaire, jika dipasang secara tidak tepat. Periksa luminaire sebelum memasang dari segala cacat fisik.

Jika cacat fisik tampak, **JANGAN** pasang luminaire dan hubungi perwakilan Dialight.

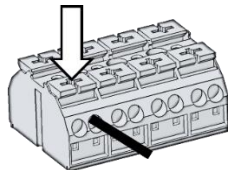
Pemasangan Luminaire	
 <p>(contoh)</p>	<p>Eratkan braket pemasangan ke luminaire (lihat petunjuk terpisah untuk opsi pemasangan)</p>
Sambungan Listrik	
	<p>PERINGATAN: Melepas atau melonggarkan Jendela Optik apa pun akan membatalkan semua garansi.</p>
	<p>Longgarkan sekrup pengaman sudut</p> <p>HATI-HATI: JANGAN LEPAS PERANGKAT LUNAK</p>
 <p>M20 atau 3/4 NPT Cord Grip</p>	<p>Masukkan kabel melewati cord grip</p>

Sambungan Blok Terminal



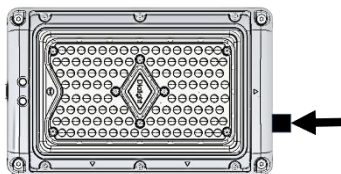
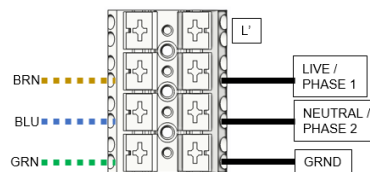
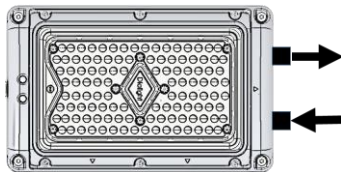
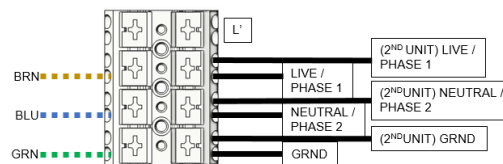
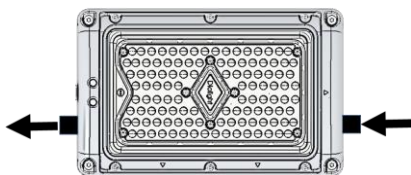
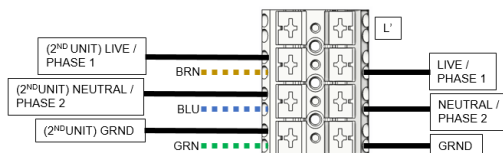
Tekan ke bawah 12-20 AWG (4.0-0.5 mm²) 10-11 mm (0.39"- 0.43")
Penjepit: 10-20 AWG (6.0-0.5 mm²) 11-13 mm (0.43"- 0.51")

Kupas selubung konduktor kabel sumber

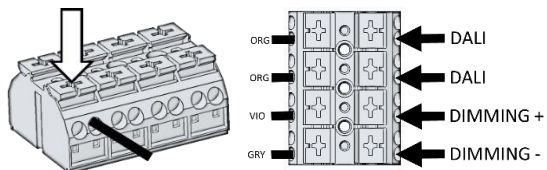


Tekan ke bawah, masukkan konduktor sumber, dan lepaskan.
Tarik pelan konduktor sumber untuk memeriksa koneksi
PERINGATAN: Hanya kabel tunggal untuk setiap titik entri terminal.

DESAIN NON-BATERAI

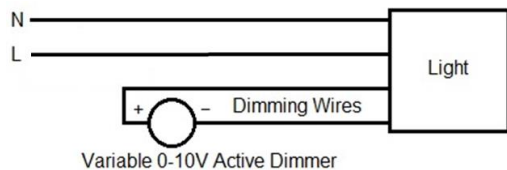


Sambungan Listrik (Kompatibel dengan DALI atau Dimming)



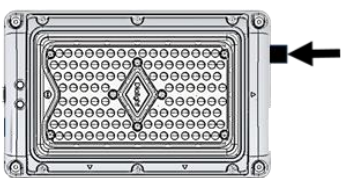
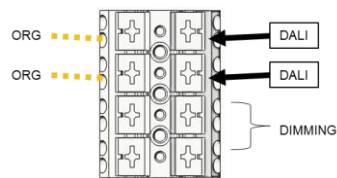
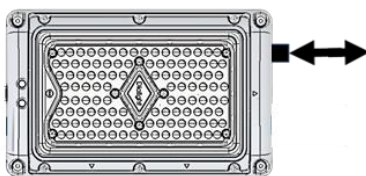
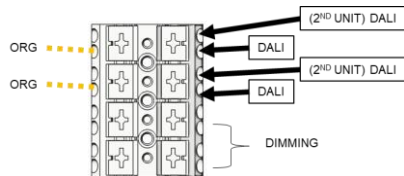
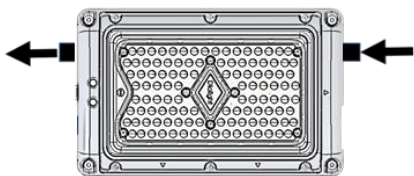
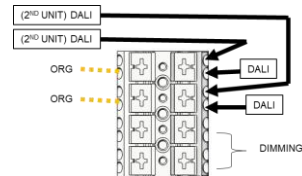
Kupas dan masukkan konduktor sesuai instruksi di atas. Tarik pelan konduktor untuk memeriksa koneksi

PERINGATAN: Hanya kabel tunggal untuk setiap titik entri terminal



Output cahaya bervariasi, berkurang 0,5 mA per cahaya 10 V = 100% output cahaya.

CATATAN: Menghubungkan singkat kabel DIMMING akan menyebabkan cahaya mati.

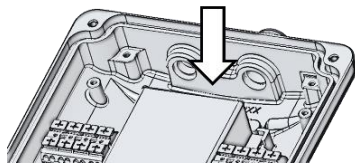


Dimming wires = Kabel peredup

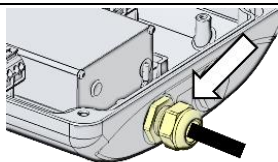
Light = Lampu

Variable 0-10V Active Dimmer = Peredup aktif 0-10V Variabel

Menutup Luminaire

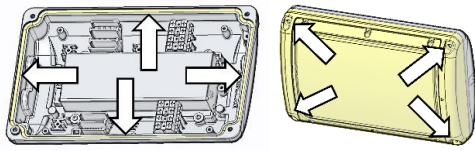


Setelah iluminasi terkonfirmasi, masukkan sisa kabel ke dalam luminaire



Kencangkan cord grip untuk mengeratkan kabel

Torsi M20: 2,3-2,7 N-m (20-24 in-lb)
3/4 NPT Torsi: 4,7-5,2 N-m (42-46 in-lb)



Torsi: **Pertama** = 1 N-m (8,8 in-lb) **FINAL** = 5 N-m (44,2 in-lb)

Pastikan o-ring sudah ada di tempatnya dan tidak rusak.
HATI-HATI: Pastikan kabel tidak tertekuk
 Kencangkan sekrup pengikat sudut (urutan sudut berlawanan)

Sambungan Backup Baterai

Paket Baterai **hanya** diisi selama operasi AC
 Setelah daya AC hilang, **MODE BATERAI** diaktifkan dan akan tetap menyala berdasarkan posisi jumper konfigurasi (**Gbr.A**) di bawah ini.

UMUR BATERAI: Paket baterai harus diganti setiap **3 tahun**

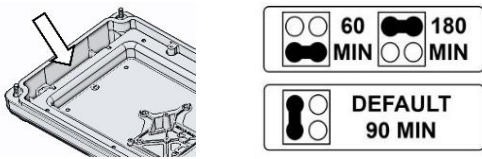
PERHATIAN: Luminaire membutuhkan pengoperasian normal minimum **24 jam** terus menerus hingga baterai terisi penuh. Jika daya AC terputus, pengoperasian akan dimulai ulang selama **24 jam**.

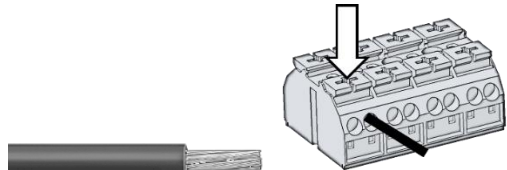
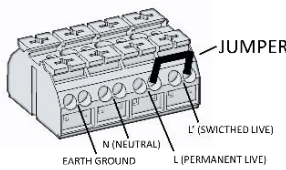
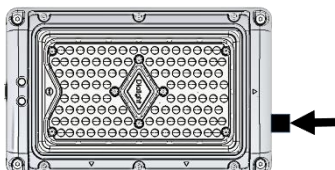
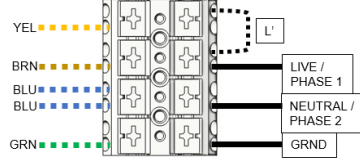
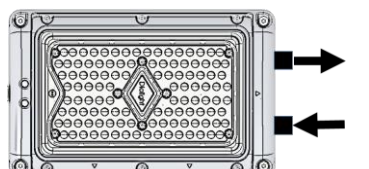
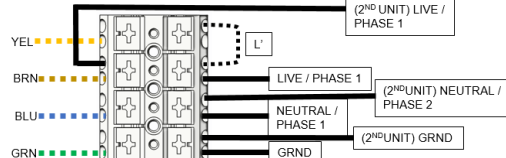
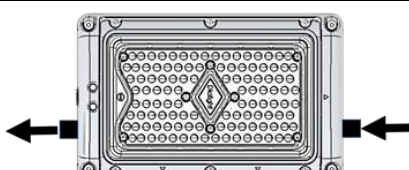
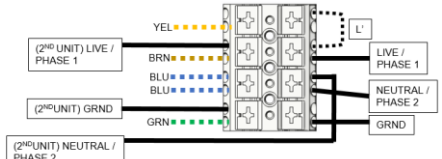
PENGUJIAN MANDIRI: Luminaire melakukan 3 tes secara otomatis dan secara acak:

Tes Durasi Pemasangan	menjalankan tes durasi setelah 24 jam operasi normal terus menerus lampu akan masuk ke MODE BATERAI berdasarkan jumper konfigurasi
Tes Fungsi	akan dilakukan setiap bulan, lampu akan terus dalam pengoperasian normal selama tes
Tes Durasi Tahunan	menjalankan tes durasi setelah 24 jam pengoperasian normal terus menerus lampu akan masuk ke MODE BATERAI berdasarkan jumper konfigurasi

LAMPU HIJAU = Menandakan status **NORMAL** **LAMPU MERAH** = Menandakan status **KERUSAKAN SISTEM**. Lihat tabel untuk mengidentifikasi arti dari lampu yang berkedip. Tandai baterai dengan tanggal pemasangan.

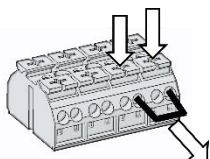
Sinyal Indikator Baterai Kedipan Perlahan = 0,5 Hz Kedipan Cepat = 2,5 Hz				
Mode	LED Indikator	Status Sistem	LAMP Baterai	Mandiri / DALI
Standby Baterai	Hijau ON Denyut Setiap 10 dtk	Normal	Off	Keduanya
Daya Baterai Sedang Diisi	Hijau ON Denyut Setiap 10 dtk	Normal	Off	Keduanya
Tes Fungsi Sedang Berjalan	Hijau Kedipan Cepat	Pengujian Mandiri	On	Keduanya
Tes Durasi Sedang Berjalan	Hijau Kedipan Perlahan	Pengujian Mandiri	On	Keduanya
Operasi Baterai	Semua Off	Darurat	On	Keduanya
Kerusakan Lampu	Merah Kedipan Cepat	Kerusakan	Off	Keduanya
Kesalahan Pengisian Daya Baterai	Merah Kedipan Perlahan	Kerusakan	Off	Keduanya
Kesalahan Durasi Baterai	Merah Kedipan Perlahan	Kerusakan	Off	Keduanya
Identification	Semua Berkedip Cepat	Normal	Off	Khusus Mode DALI
Rest	Semua Off	Darurat	Off	Khusus Mode DALI
Prolong	Semua Off	Darurat	On	Khusus Mode DALI

 <p>Gbr.A</p>	<p>Posisi jumper konfigurasi baterai</p>
---	--

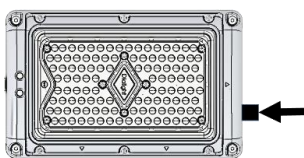
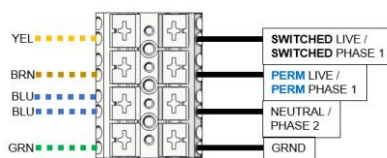
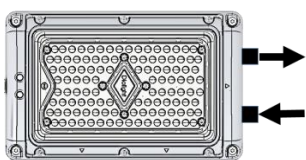
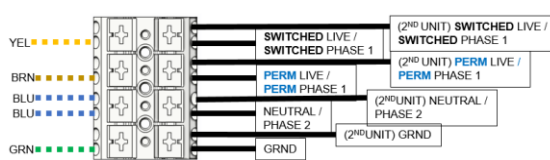
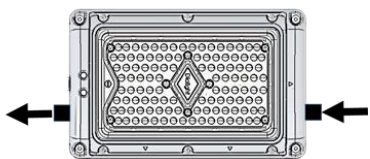
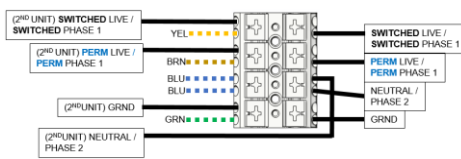
Sambungan Kelistrikan (Backup Baterai)	
	<p>(untuk semua sambungan) Kupas dan masukkan konduktor sumber sesuai instruksi di atas. Tarik pelan konduktor untuk memeriksa koneksi. PERINGATAN: Hanya kabel tunggal untuk setiap titik entri terminal</p>
SAMBUNGAN DIPELIHARA PERMANEN Lampu selalu menyala, mempertahankan pengisian, mode baterai diaktifkan saat daya AC hilang	
	<p>Jumper di tempatnya (dari pabrik)</p>
	
	
	

SAMBUNGAN DIPELIHARA BERSAKELAR

Sakelar ditambahkan ke L untuk mematikan/menghidupkan lampu, mempertahankan pengisian, mode baterai diaktifkan saat AC hilang

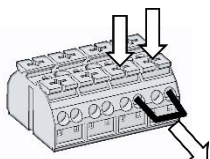


Tekan ke bawah, **cabut** jumper dan lepas

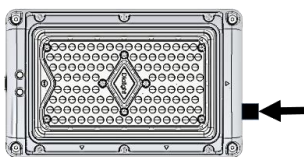
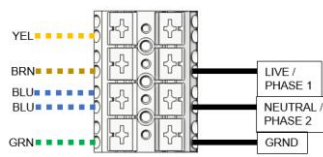
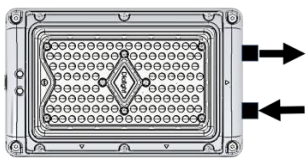
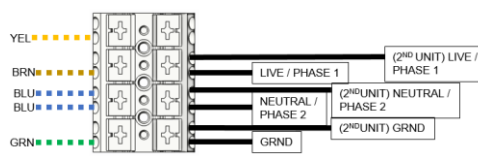
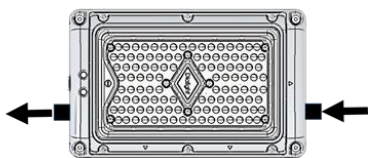
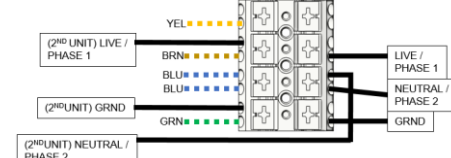


SAMBUNGAN TIDAK DIPELIHARA

Lampu mati secara normal, mempertahankan pengisian, mode baterai diaktifkan saat daya AC hilang



Tekan ke bawah, **cabut** jumper dan lepas

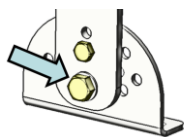


Pemeriksaan Daya dan Iluminasi

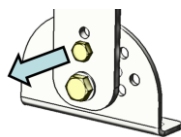


Pulihkan daya untuk memeriksa iluminasi
HATI-HATI: Jangan melihat langsung ke luminaire tanpa pelindung mata yang tepat

Orientasi Final Luminaire (Khusus Braket yang Dapat Diatur)

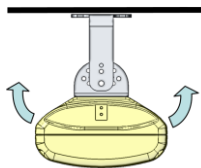


Baut pivot

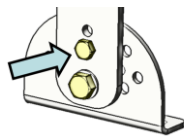


Baut penguncian

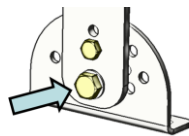
Longgarkan baut pivot **PERINGATAN: JANGAN LEPAS**
 Lepas baut penguncian **PERINGATAN: JANGAN BUANG**



Miringkan ke sudut yang tepat (peningkatan 15°)



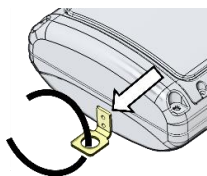
Torsi = 7 N-m (5 ft-lb)



Torsi = 34 N-m (25 ft-lb)

Pasang kembali baut penguncian sudut dan kencangkan.
 Kencangkan baut pivot

Retensi Keselamatan Sekunder (opsional)



Lubang = Ø 19mm (.75")

Masukkan kabel/rantai/dll melewati braket. Disarankan memberi ruang untuk kabel setelah pemasangan

Kondisi dan Penggunaan dalam Operasi Normal:

Sebelum pengoperasian reguler, periksa luminaire untuk pemasangan dan kesesuaian yang benar dengan instruksi dan regulasi yang berlaku.

PERINGATAN: Dialight tidak bertanggung jawab atas pemasangan atau penggunaan yang tidak tepat yang tidak mematuhi regulasi aplikasi.

Daur Ulang Pembuangan:

Saat luminaire dibuang, regulasi nasional/regional terkait tentang pembuangan limbah harus dipatuhi.



Pemeliharaan dan Pemeriksaan:

luminaire mewajibkan jumlah pemeliharaan minimum tetapi jika perbaikan tidak terduga dibutuhkan. silakan hubungi perwakilan resmi Dialight.

- Disarankan agar jendela lensa dan permukaan luar dibersihkan secara berkala menggunakan kain bebas serat non-abrasif yang lembap.
- Pemeriksaan rutin disarankan untuk dilakukan. Frekuensi penggunaan dan lingkungan ikut menentukan hal ini.

Panduan Kompatibilitas Zat Kimia:

Kompatibilitas zat kimia sangat bergantung pada kekentalan, suhu, kelembapan, dan kondisi lingkungan lainnya dan karenanya pelanggan bertanggung jawab untuk mengevaluasi kompatibilitas gas atau zat kimia yang memiliki kontak langsung di lokasi tersebut sebelum pemasangan produk.

Hubungi perwakilan Dialight setempat untuk mendapat informasi selengkapnya.

Perbaikan/Overhaul/Modifikasi:

Operasi luminaire harus sesuai dengan tujuan yang dimaui dan kondisi yang tidak rusak. Perubahan dan modifikasi pada luminaire tidak diizinkan.

CATATAN: Jika penutup luminaire rusak, hanya diizinkan untuk mengganti luminaire secara lengkap. Jika ragu, luminaire harus dikembalikan ke Dialight untuk diperiksa/diperbaiki.

Pernyataan Resmi

Semua pernyataan, informasi teknis, dan rekomendasi yang termuat di dalam dokumen ini didasarkan pada informasi dan pengujian yang kami yakini dapat diandalkan. Akurasi kelengkapan tidak dijamin. Sesuai dengan Syarat dan Ketentuan Dialight dan karena kondisi penggunaan berada di luar kendali kami, pembeli harus menentukan kesesuaian produk untuk penggunaan yang dimaui, dan menanggung semua risiko dan tanggung jawab yang berhubungan dengannya.