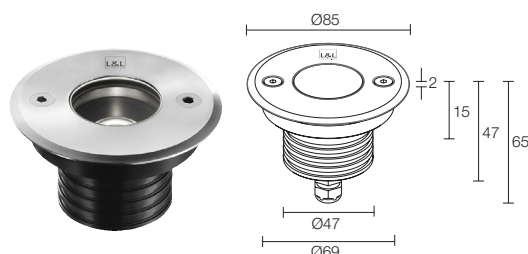


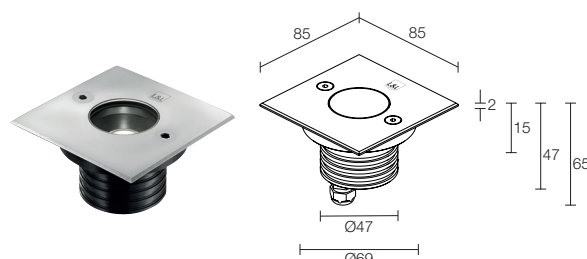


Bright 2.4 - Bright 2.5

Outdoor recessed / Incassi da esterno



Bright 2.4



Bright 2.5

DESCRIPTION

recessed for outdoor applications (not suitable for use in swimming pools or fountains); recessed (ceiling, wall, floor); 5W, 7W; RGB: max 5W; 24Vdc; RGB: max 500mA; Lumen output at source: 488 lm (3000K, 5W, CRI 80), 452 lm (3000K, 5W, CRI 90), 657 lm (3000K, 7W, CRI 80), 608 lm (3000K, 7W, CRI 90), RGB: 253 lm, R: 82 lm G: 114 lm B: 57 lm (500mA); Delivered lumen output: 352 lm (3000K, 34°, 5W, CRI 80), 284 lm (3000K, 34°, 5W, CRI 90), 463 lm (3000K, 34°, 7W, CRI 80), 374 lm (3000K, 34°, 7W, CRI 90), RGB: 191 lm R: 70 lm, G: 90 lm, B: 31 lm (500mA, 34°); 1 power LED High Intensity, 3 step MacAdam, 50000h L90 B10; RGB: 3 power LEDs; LED colour: 2700K, 3000K, 4000K, RGB; Optics: 8°, asymmetrical 8°, 11°, 17°, 20°, sharp 21°, 34°, 45°, 47°, sharp 61°, 68°, 13x52°, 21°x42°, diffuse; CRI: 80, 90; body in black anodized aluminium or AISI 316L stainless steel, trim in aluminium or AISI 316L stainless steel, screen in tempered, transparent extra-clear glass (optics version), screen in sandblasted, tempered extra-clear glass (diffuse version); Finishes: stainless steel, grey; Body: stainless steel, black anodized aluminium; power supply unit not included; includes 1,5 m neoprene cable, H05RN-F 2x0,75/0,75 Ø6,3 mm; RGB: includes 1,5 m FEP+RUB cable (equivalent to H05RN-F cable) 6x0,50/0,50 Ø6,3 mm; Wiring: parallel; RGB: series; Ingress protection: IP68, IP69K (ISO-20653 compliant); Impact resistance: IK10; version with 5° optics (with white LED colour and 3,5W power) available on request, version with 9W power (with white LED colour) available on request; Protection systems: IPS, PID; Operating temperature: -20°C — +45°C; Maximum device temperature: 55°C (Ta 25°C); Glow wire test: 960°; Photobiological safety: risk group 1 according to EN6 2471:2006; Appliance class: III; Weight: stainless steel trim: 440 g, aluminium trim: 330 g; Dimensions: Ø85x63 mm (Bright 2.4), 85x85x63 mm (Bright 2.5); Cutout dimensions: Ø70 mm; Volume of thermal heatsink: Ø180x120 mm; Accessories: WC0100 Outer casing, WC0103 Outer casing, WC0150 Outer casing, WE0400A Semi-diffusing screen, half transparent and half frosted, WE0400S Anti-glare screen, half transparent and half serigraphed black, WF7305 FEP+RUB cable (equivalent to H05RN-F cable) - 5 m 6x0,50/0,50 Ø6,3 mm, WF7310 FEP+RUB cable (equivalent to H05RN-F cable) - 10 m 6x0,50/0,50 Ø6,3 mm - IPS, WF7315 FEP+RUB cable (equivalent to H05RN-F cable) - 15 m 6x0,50/0,50 Ø6,3 mm - IPS, WF7320 FEP+RUB cable (equivalent to H05RN-F cable) - 20 m 6x0,50/0,50 Ø6,3 mm - IPS, WF8505 Neoprene cable - 5 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WF8510 Neoprene cable - 10 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WF8515 Neoprene cable - 15 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WF8520 Neoprene cable - 20 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WF8605 Neoprene cable - 5 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WF8610 Neoprene cable - 10 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WF8615 Neoprene cable - 15 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WF8620 Neoprene cable - 20 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WG0100 Fixing springs Ø70mm, WH0201 Honeycomb louvre; Energy efficiency class: A / A+ / A++.

DESCRIZIONE

incasso da esterno (non adatto per immersione in piscine e fontane); a incasso (soffitto, parete, pavimento); 5W, 7W; RGB: max 5W; 24Vdc; RGB: max 500mA; Flusso sorgente: 488 lm (3000K, 5W, CRI 80), 452 lm (3000K, 5W, CRI 90), 657 lm (3000K, 7W, CRI 80), 608 lm (3000K, 7W, CRI 90), RGB: 253 lm, R: 82 lm G: 114 lm B: 57 lm (500mA); Flusso emesso: 352 lm (3000K, 34°, 5W, CRI 80), 284 lm (3000K, 34°, 5W, CRI 90), 463 lm (3000K, 34°, 7W, CRI 80), 374 lm (3000K, 34°, 7W, CRI 90), RGB: 191 lm R: 70 lm, G: 90 lm, B: 31 lm (500mA, 34°); 1 power LED High Intensity, 3 step MacAdam, 50000h L90 B10; RGB: 3 power LED; Colore LED: 2700K, 3000K, 4000K, RGB; Ottiche: 8°, asimmetrica 8°, 11°, 17°, 20°, sharp 21°, 34°, 45°, 47°, sharp 61°, 68°, 13x52°, 21°x42°, diffusa; CRI: 80, 90; corpo in alluminio anodizzato nero o acciaio inox AISI 316L, ghiera in alluminio o acciaio inox AISI 316L, schermo in vetro extrachiaro temprato trasparente (versione con ottiche), schermo in vetro extrachiaro temprato sabbiato (versione diffusa); Finiture: acciaio inox, grigio; Corpo: acciaio inox, alluminio anodizzato nero; alimentatore non incluso; incluso cavo in neoprene di 1,5 m H05RN-F 2x0,75/0,75 Ø6,3 mm; RGB: incluso cavo in FEP+RUB (equivalente a H05RN-F) di 1,5 m 6x0,50/0,50 Ø6,3 mm; Collegamento: in parallelo; RGB: in serie; Grado di protezione: IP68, IP69K (conforme a ISO-20653); Grado di resistenza: IK10; su richiesta disponibile la versione con ottica 5° (versione con colore LED bianco e potenza 3,5W), su richiesta disponibile la versione con potenza 9W (versione con colore LED bianco); Sistemi di protezione: IPS, PID; Temperatura di esercizio: -20°C — +45°C; Temperatura massima apparecchio: 55°C (Ta 25°C); Glow wire test: 960°; Sicurezza fotobiologica: gruppo rischio 1 secondo EN62471:2006; Classe di isolamento: III; Peso: ghiera in acciaio inox: 440 g, ghiera in alluminio: 330 g; Dimensioni: Ø85x63 mm (Bright 2.4), 85x85x63 mm (Bright 2.5); Foro d'incasso: Ø70 mm; Volume tecnico per dissipazione: Ø180x120 mm; Accessori: WC0100 Cassaforma, WC0103 Cassaforma, WC0150 Cassaforma, WE0400A Schermo semidiffondente, metà trasparente e metà satinato, WE0400S Schermo antiabbagliamento, metà trasparente e metà serigrafato nero, WF7305 Cavo in FEP+RUB (equivalente a H05RN-F) - 5 m 6x0,50/0,50 Ø6,3 mm - IPS, WF7310 Cavo in FEP+RUB (equivalente a H05RN-F) - 10 m 6x0,50/0,50 Ø6,3 mm - IPS, WF7315 Cavo in FEP+RUB (equivalente a H05RN-F) - 15 m 6x0,50/0,50 Ø6,3 mm - IPS, WF7320 Cavo in FEP+RUB (equivalente a H05RN-F) - 20 m 6x0,50/0,50 Ø6,3 mm - IPS, WF8505 Cavo in neoprene - 5 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WF8510 Cavo in neoprene - 10 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WF8515 Cavo in neoprene - 15 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WF8520 Cavo in neoprene - 20 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WF8605 Cavo in neoprene - 5 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WF8610 Cavo in neoprene - 10 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WF8615 Cavo in neoprene - 15 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WF8620 Cavo in neoprene - 20 m H05RN-F 2x0,75/0,75 Ø6,3 mm - IPS, WG0100 Molle di fissaggio Ø70mm, WH0201 Nido d'a-pie; Classe di consumo energetico: A / A+ / A++.

Available on request with optic 5° (CRI 80, CRI 90 only 2700K and 3000K), 3,5W version
Su richiesta disponibile la versione con ottica 5° (CRI 80, CRI 90 solo 2700K e 3000K) e potenza 3,5W

Available on request the 9W version (Aluminum body only)
Su richiesta disponibile la versione con potenza 9W (solo corpo in alluminio)

ELECTRICAL FEATURES / CARATTERISTICHE ELETTRICHE

Power consumption <i>Potenza assorbita</i>	5W, 7W; max 5W (only RGB); 5W, 7W; max 5W (solo RGB);
Power supply <i>Alimentazione</i>	24Vdc, max 500mA (RGB)
Power supply unit <i>Alimentatore</i>	not included non incluso
Dimming <i>Dimmerazione</i>	with dimmer (optional) online 24Vdc; with dimmable driver (optional) or dimmer (optional) con dimmer (opzionale) in linea 24Vdc; con alimentatore dimmerabile (opzionale) o dimmer (opzionale)
Connection <i>Collegamento</i>	parallel (24Vdc); series (max 500mA) parallelo (24Vdc); serie (max 500mA)

LIGHTIN FEATURES / CARATTERISTICHE ILLUMINOTECNICHE

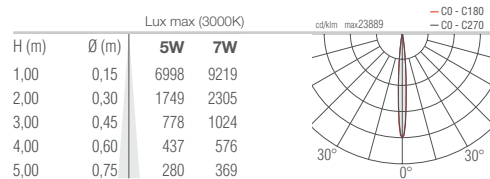
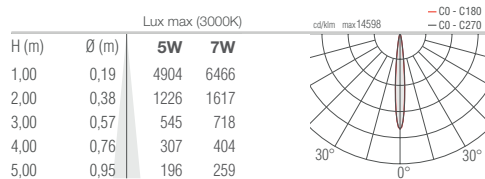
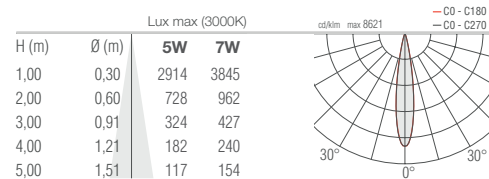
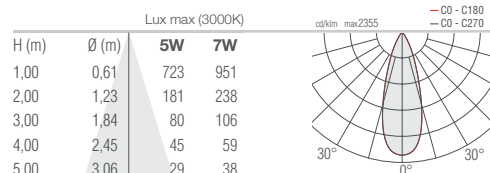
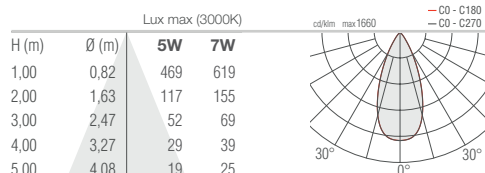
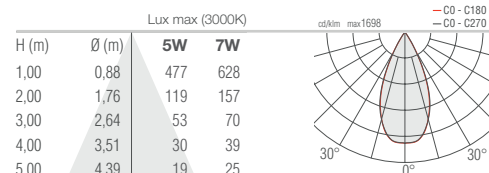
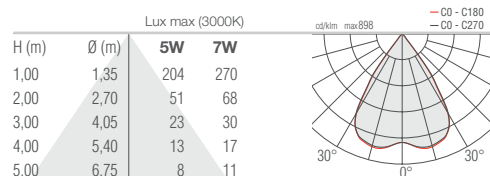
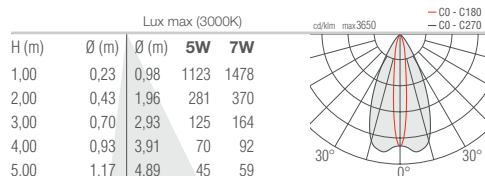
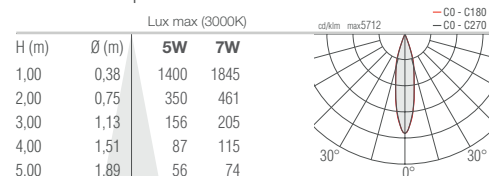
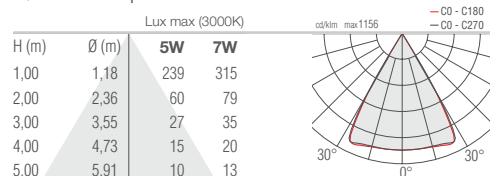
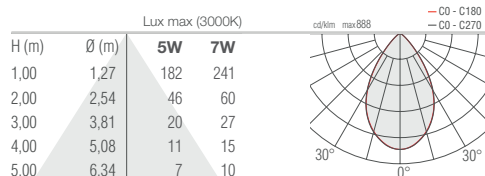
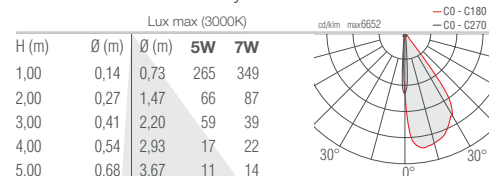
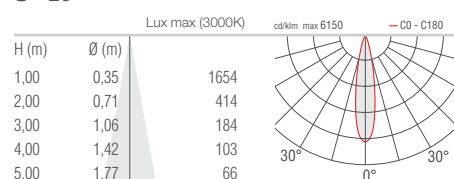
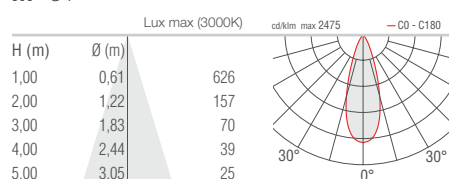
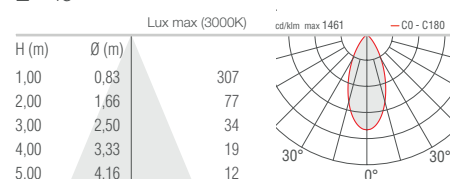
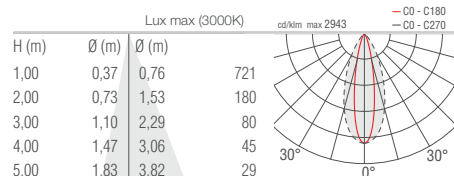
No. and type of LED / <i>N° e tipo di LED</i>	white: 1 power LED High Intensity / RGB: 3 power LEDs
Average LED life / <i>Duratura media LED</i>	50000h L90 B10
LED colour <i>Colore LED</i>	white: 2700K, 3000K, 4000K; RGB bianco: 2700K, 3000K, 4000K; RGB
CRI <i>Indice resa cromatica CRI</i>	80, 90
Selection <i>Selezione</i>	3 Step MacAdam (white LED)
Optics <i>Ottiche</i>	white: asymmetrical 8°, 8°, 11°, 17°, 21° sharp, 34°, 45°, 47°, 61° sharp, 68°, 13°x52°, diffuse; RGB: 20°, 34°, 45°, 21°x42°; bianco: asimmetrica 8°, 8°, 11°, 17°, 21° sharp, 34°, 45°, 47°, 61° sharp, 68°, 13°x52°, diffusa RGB: 20°, 34°, 45°, 21°x42°;
Total delivered lumens <i>Flusso totale apparecchio</i>	352 lm (34°, 5W, CRI 80), 463 lm (34°, 3000K, 7W, CRI 80) 284 lm (34°, 5W, CRI 90), 374 lm (34°, 3000K, 7W, CRI 90) RGB: 191 lm (R 70 lm, G 90 lm, B 31 lm)

MECHANICAL FEATURES / CARATTERISTICHE MECCANICHE

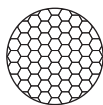
Dimensions / <i>Dimensioni</i>	Ø85x63 mm (Bright 2.4) 85x85x63 mm (Bright 2.5)
Weight / <i>Peso</i>	0,33 kg (aluminium trim); 0,44 kg (stainless steel trim) 0,33 kg (ghiera in alluminio); 0,44 kg (ghiera in acciaio inox)
Finishes <i>Finiture</i>	Bright 2.4: micro blasted stainless steel, grey RAL9006; Bright 2.5: micro blasted stainless steel Bright 2.4: acciaio inox microsabbbiato, grigio RAL 9006; Bright 2.5: acciaio inox microsabbbiato
Fixing <i>Fissaggio</i>	with outer casing or with spring con cassaforma o con molla
Ferrule material <i>Materiale ghiera</i>	aluminium (only Bright 2.4), stainless steel AISI 316L alluminio (solo Bright 2.4), acciaio inox AISI 316L
Body material <i>Materiale corpo</i>	anodized aluminium alloy EN AW 6082, stainless steel AISI 316L alluminio anodizzato lega EN AW 6082, acciaio inox AISI 316L
Screen material <i>Materiale schermo</i>	tempered, transparent extra-clear glass, extra-clear tempered, sandblasted glass (diffuse optics) vetro extrachiaro trasparente temprato, vetro extrachiaro temprato sabbbiato (ottica diffusa)
Cut-out size / <i>Foro d'incasso</i>	Ø 70 mm
Overall volume / <i>Volume tecnico per dissipazione</i>	Ø 180x120 mm

GENERAL FEATURES / CARATTERISTICHE GENERALI

Operating temperature / <i>Temperatura di esercizio</i>	from -20 °C to +45 °C
Ingress protection / <i>Grado di protezione</i>	IP68, IP69K (ISO-20653 compliant)
Impact resistance / <i>Grado di resistenza</i>	IK10
Energy efficiency class <i>Classe di consumo energetico</i>	A/A+/A++ (built-in LED lamps) in accordance with UE874/2012 A/A+/A++ (modulo LED integrato) in accordo con UE874/2012
Glow wire test / <i>Glow wire test</i>	960°
Screen temperature / <i>Temperatura schermo</i>	max 55°C (Ta 25°C)
Appliance class / <i>Classe di isolamento</i>	class III / classe III
Walkover / <i>Calpestabile</i>	yes / sì
Drive-over / <i>Carrabile</i>	yes, up to 2000 kg sì, fino a 2000 kg
Power cables <i>Cavi di alimentazione</i>	includes 1.5 m neoprene cable, H05RN-F 2x0.75/0.75 Ø6.3 mm, RGB: includes 1.5 m FEP+PCP cable (equivalent to H05RN-F cable), 6x0.50/0.50 Ø6.3 mm incluso cavo in neoprene di 1,5 m H05RN-F 2x0,75/0,75 Ø6,3 mm, RGB: incluso cavo in FEP+PCP (equivalente a H05RN-F) di 1,5 m 6x0,50/0,50 Ø6,3 mm
Standard safety <i>Sicurezza standard</i>	IPS included (corrugated pipe Ø20 min), PID IPS incluso (utilizzare corrugato Ø20 min), PID
Photobiological safety <i>Sicurezza fotobiologica</i>	risk group 1 in accordance with EN62471:2006 gruppo rischio 1 secondo EN62471:2006

PHOTOMETRIC DATA (white LED, CRI 80)
DATI FOTOMETRICI (LED bianco, CRI 80)
V - 8°**T - 11°****S - 17°****M - 34°****L - 45°****J - 47°****K - 68°****W - 13°x52°****P - 21° Sharp****Q - 61° Sharp****D - Diffuso - sabbiato / Diffuse - sandblasted****Z - Asimmetrica 8° / Asymmetrical 8°**
PHOTOMETRIC DATA (RGB LED)
DATI FOTOMETRICI (LED RGB)
S - 20°**M - 34°****L - 45°****W - 21°x42°**

Anti-glare / Antiabbagliamento

**WH0201***

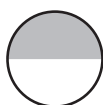
Honeycomb louvre / Nido d'ape

*order together with the lighting fixture /

da ordinare contestualmente all'apparecchio illuminante

The honeycomb louvre can be provided on all fixed optics, exception for diffuse (D), 21° sharp (P), 61° sharp (Q), 8° (V) and asymmetrical 8° (Z) optics /

Il nido d'ape è applicabile su tutte le ottiche fisse ad eccezione dell'ottica diffusa (D), dell'ottica 21° sharp (P), dell'ottica 61° sharp (Q), dell'ottica 8° (V) e dell'ottica asimmetrica 8° (Z)

**WE0400A***

Semi-diffusing screen, half transparent and half frosted /

Schermo semidiffondente, metà trasparente e metà satinato

*order together with the lighting fixture /

da ordinare contestualmente all'apparecchio illuminante

can be provided on all optics except for diffuse and asymmetrical 8° optics / applicabile su tutte le ottiche, ad eccezione delle ottiche diffusa e asimmetrica 8°

**WE0400S***

Anti-glare screen, half transparent and half serigraphed black /

Schermo antiabbagliamento, metà trasparente e metà serigrafato nero

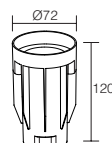
*order together with the lighting fixture /

da ordinare contestualmente all'apparecchio illuminante

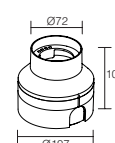
can be provided on all optics except for diffuse and asymmetrical 8° optics and RGB version /

applicabile su tutte le ottiche, ad eccezione delle ottiche diffusa e asimmetrica 8° e della versione RGB

For installation / Per installazione

**WC0100**

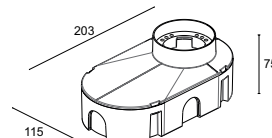
Outer casing / Cassaforma

**WC0103**

Outer casing / Cassaforma

**WC0150**

Outer casing / Cassaforma

**WG0100**

Fixing springs / Molle di fissaggio

Cables / Cavi

LED colour: white / Colore LED: bianco (5W)

WF8505* - 5 m**WF8510*** - 10 m**WF8515*** - 15 m**WF8520*** - 20 m

Neoprene cables / Cavi in neoprene

H05RN-F 2x0,75/0,75 Ø6,3 mm

IPS

*order together with the lighting fixture /

da ordinare contestualmente all'apparecchio illuminante

LED colour: white / Colore LED: bianco (7W)

WF8605* - 5 m**WF8610*** - 10 m**WF8615*** - 15 m**WF8620*** - 20 m

Neoprene cables / Cavi in neoprene

H05RN-F 2x0,75/0,75 Ø6,3 mm

IPS

*order together with the lighting fixture /

da ordinare contestualmente all'apparecchio illuminante

LED colour: RGB / Colore LED: RGB

WF7305* - 5 m**WF7310*** - 10 m**WF7315*** - 15 m**WF7320*** - 20 m

FEP+PCP cables (equivalent to H05RN-F cable) /

Cavi in FEP+PCP (equivalente a H05RN-F)

6x0,50/0,50 Ø6,3 mm

*order together with the lighting fixture /

da ordinare contestualmente all'apparecchio illuminante

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