

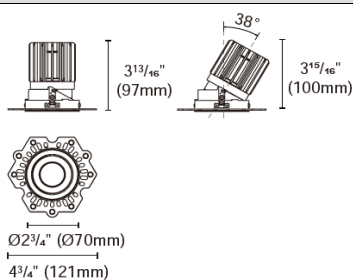


## STELLAR-85-RTL1



## Product specification

## INTERIOR RECESSED DOWNLIGHTS



Cut out :

## Technical Specification

|                         |                        |                 |
|-------------------------|------------------------|-----------------|
| Article number          | 2218.216F-LEA-14       |                 |
| LED Consumption         | 16W (NON-IC)           | 14W (IC)        |
| Fixture Consumption     | 20W                    | 18W             |
| Current / Voltage       | 450mA / 33.7Vdc        | 400mA / 33.3Vdc |
| CRI                     | 90+                    | 90+             |
| CCT                     | 3000K                  | 3000K           |
| LED Lumen <sup>*1</sup> | 1825lm                 | 1642lm          |
| Delivered Lumen         | 1405lm                 | 1270lm          |
| Beam Angle available    | 30°/35°/50°/60° (Lens) |                 |

## Driver Technical Specification

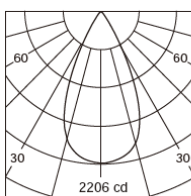
|                                 |                        |                          |                 |
|---------------------------------|------------------------|--------------------------|-----------------|
| Driver Brand                    | EUCHIPS                | Driver Model             | PUP20A-1WMC     |
| Input voltage / Frequency range | 120-277Vac / 50/60Hz   | Output Current / Voltage | 450mA / 9-44Vdc |
| Dimming / Flicker               | 0/1-10V / Flicker-free | Certification            | UL              |
| Power Factor                    | >0.9                   | Warranty                 | -               |

| Technical character   |                    | Materials               |                   |
|-----------------------|--------------------|-------------------------|-------------------|
| Products Standard     | UL1598             | Luminaire               | Aluminum die cast |
|                       |                    | Trim                    | Aluminum die cast |
| Insulation            | CLASS III          | Optics                  | PMMA Lens         |
| Protection            | Damp Location      | Heat sink               | Forged aluminum   |
| Tilt / Rotate         | 0~38° / 0~355°     | Fixture color available | white / black     |
| Operating temperature | 0~35°C             | Baffle                  | Aluminum die cast |
| Average Failure Time  | L70(10k) >55000(h) | Baffle Color available  | white / black     |

## Accessories

ACSG-4  
Striped glassACHO-5  
Honeycomb louverACDS-4  
Diffusion sheetACWG-5  
Woven glass

## Photometric



450mA

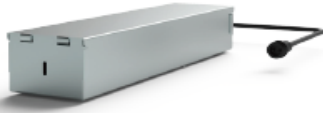
| h (m) | D (m) | E (lx) |
|-------|-------|--------|
| 50°   |       |        |
| 1.0   | 0.90  | 2200   |
| 2.0   | 1.80  | 549    |
| 3.0   | 2.70  | 244    |
| 4.0   | 3.60  | 137    |
| 5.0   | 4.50  | 87     |

## Remarks

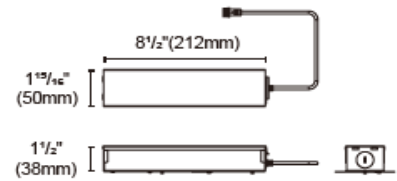


\*1. LUMEN : for LED chip test result based on Tc=85°C. This is the ideal (Maximum) lumen. This lumen information is from the LED supplier.

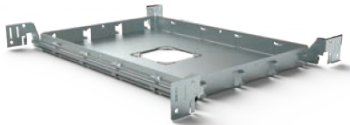
## INSTALLATION OPTIONS



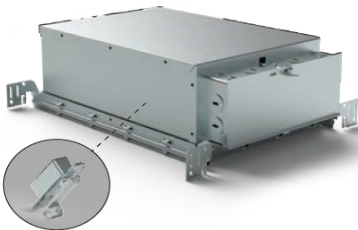
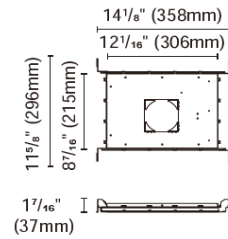
**ACCG-22B-PUP20A-1WMC** 0/1-10V  
**ACCG-22B-PUP20D-1WMC** DALI  
**ACCG-22B-PUP20T-1LMC** TRIAC  
 for STELLAR85-2.8" (18-20W)  
 Type: Gear box



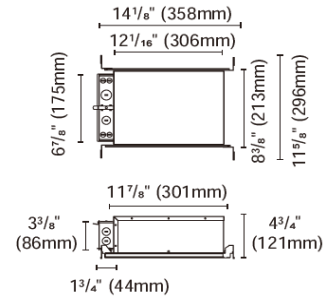
Internal space dimension:  
 L 8 1/4" (209mm) X W 1 7/8" (48mm) X H 1 1/16" (33mm)



**ACCH-12-80** for STELLAR85-2.8"  
 Type: New construction plate



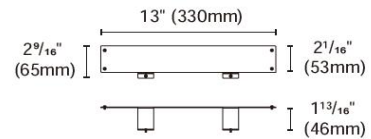
**ACCH-12D-80-PUP20A-1WMC** 0/1-10V  
**ACCH-12D-80-PUP20D-1WMC** DALI  
**ACCH-12D-80-PUP20T-1LMC** TRIAC  
 for STELLAR85-2.8" (20W)  
 Type: IC Box



Driver is secured on patent designed bracket



**ACCI-3**  
 Type: Emergency battery holder  
 For BillDa emergency led driver-  
 Model NO. BLD-HM08D-YYY  
 BLD-HM15D-YYY  
 BLD-HM20D-YYY  
 BLD-HM25D-YYY



**ACCI-5**  
 Type: Remodel stand

