

THE RASTER®



## TL-281O.DIR | RECESSED LUMINAIRE

### Product description

Adjustable recessed luminaire 10 W. With mini reflectors that reduce glare and optimize visual comfort. LED technology with high light efficiency and high CRI.

### Additional information

Available with LUTRON Ecosystems (Architectural Dimming).  
10° beam angle only available with Clear Lens.  
RGBW (red, green, blue and white) produces a brighter white.  
RGBW Voltage 100 - 240 V~, R / G / B / W = 3 000 K

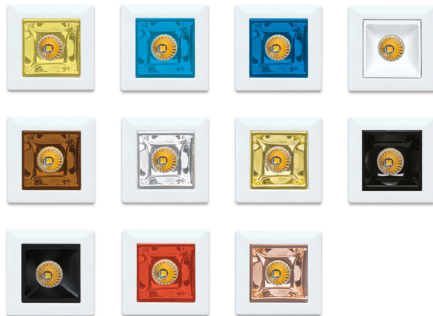
### Physical

Outside colors: *White / black*  
Inside colors: *Yellow / sky blue / royal blue*  
*/ white / light brown / chrome / golden /*  
*black / matt black / red / pink*  
Embedded cut: *6.10×1.77"*  
Manufactured: *Die-cast aluminum*

Dimension: *6.57×2.26×1.92"*  
Mounting: *Recessed*  
IP: *23*  
IK:  
Weight:



\* Variante opalino / walwasher



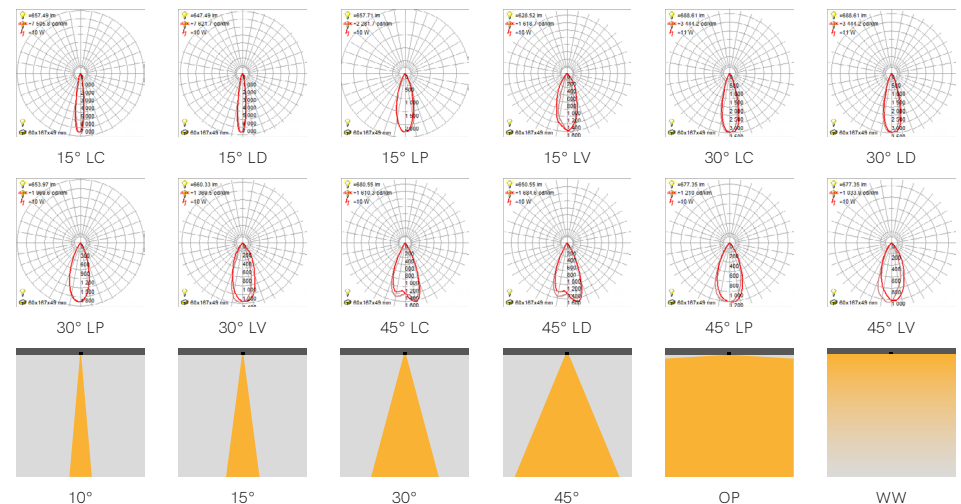
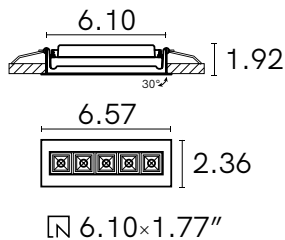
### Technical data

Dimming: *TRIAC*  
(90 - 130 V~) / 0-10V  
(100 - 277 V~) / DALI  
/ LUTRON Ecosystems /  
RGBW 100 - 240 V~  
Driver: *Included (remote)*  
Life Time LED: *35 000 h*  
Lamp: *Included*  
Insulation class: *Class II*  
LED: *SMD OSRAM 3030*

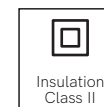
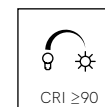
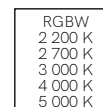
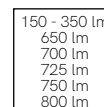
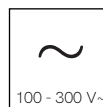
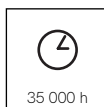
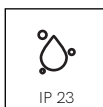
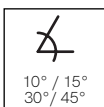
Harmonics: *<15%*  
Amperage: *0.1 - 0.03 A*  
Power Factor: *0.9*  
Input Frequency: *50/60 Hz*  
Power: *10 W*  
Power WW RGBW: *20 W*  
Ambient temperature range: *-20 °C a +45 °C*  
Voltage: *100 - 300 V~*  
Beam angle:  
*10° / 15° / 30° / 45°*

Real flux: *RGBW*  
(150 - 350 lm) / 2 200 K  
(650 lm) / 2 700 K (700 lm)  
/ 3 000 K (725 lm) / 4 000 K  
(750 lm) / 5 000 K (800 lm)  
Nominal flux:  
CRI: *≥90*  
Light temperature: *RGBW /*  
*2 200 K / 2 700 K / 3 000 K*  
*/ 4 000 K / 5 000 K*  
UGR: *≤16*

### Optical properties and beam angle



### CERTIFICATIONS



## Product configuration

## TL-2810.DIR

| VARIANT                                            |            | OUTSIDE COLORS |       | INSIDE COLORS |          | LIGHT TEMPERATURE BEAM ANGLES |             |                          |         | OPTICAL LENS |           | DIMMABLE |                             |           |             |
|----------------------------------------------------|------------|----------------|-------|---------------|----------|-------------------------------|-------------|--------------------------|---------|--------------|-----------|----------|-----------------------------|-----------|-------------|
| OP                                                 | OPALINE    | B              | WHITE | A             | YELLOW   | RGBW                          | RGBW        | 10                       | 10°     | LC           | CLEAR     | D        | DIMTRIAC                    |           |             |
| WW                                                 | WALLWASHER | N              | BLACK | AC            | SKY BLUE | 22                            | 2 200 K     | 15                       | 15°     | LD           | DIFFUSE   | DALI     | DALI                        |           |             |
| * Place write only if you want these combinations. |            |                |       |               |          | AR                            | ROYAL BLUE  | 27                       | 2 700 K | 30           | 30°       | LV       | VERTICAL                    | 0-10V     | 0-10 V~     |
|                                                    |            |                |       |               |          | B                             | WHITE       | 30                       | 3 000 K | 45           | 45°       | LP       | (LONGITUDINAL)<br>PRISMATIC | PEQ0E     | 100% - 0.1% |
|                                                    |            |                |       |               |          | C                             | LIGHT BROWN | 40                       | 4 000 K | LDE5         | 100% - 5% |          |                             |           |             |
|                                                    |            |                |       |               |          | CR                            | CHROME      | 50                       | 5 000 K | LDE1         | 100% - 1% |          |                             |           |             |
|                                                    |            |                |       |               |          | D                             | GOLDEN      | * Not APPLY WITH OP y WW |         |              | LTEA2W    |          |                             | 100% - 1% |             |
|                                                    |            |                |       |               |          | N                             | BLACK       |                          |         |              |           |          |                             |           |             |
|                                                    |            |                |       |               |          | NM                            | BLACK MATT  | * NOT APPLY WITH RGBW    |         |              |           |          |                             |           |             |
|                                                    |            |                |       |               |          | R                             | RED         |                          |         |              |           |          |                             |           |             |
|                                                    |            |                |       |               |          | RS                            | PINK        |                          |         |              |           |          |                             |           |             |

\* Place write only if you want these combinations.

\* 10° beam angle only available with clear lens.

## Architectural Dimming LUTRON Ecosystems

| Model  | Lutron Family   | Dimming range | Description                                                                              |
|--------|-----------------|---------------|------------------------------------------------------------------------------------------|
| PEQ0E  | Hi-lume Premier | 100% - 0.1%   | Hi-lume Premier 0.1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology |
| LDE5   | 5-Series        | 100% - 5%     | 5-Series EcoSystem LED driver                                                            |
| LDE1   | Hi-lume         | 100% - 1%     | Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology           |
| LTEA2W | Hi-lume         | 100% - 1%     | Hi-lume 1% 2-wire LED driver (120 V forward phase only)                                  |

## CERTIFICATIONS

