## Product familiy

## TOLA 1

Reflectors from the TOLA series are the perfect solution for all everyday requirements, specially developed for office, residential or hotel applications, exact light control, free from glare (>UGR 19), housing made of powder-coated aluminum for tool-free installation in the ceiling, LED circuit board can be changed (screwed), real gold Coated reflectors at extra cost, converters must be ordered separately

TOLA Q1


TOLA R1


TOLA Q1 ANGLE


TOLA Q1 IP

## CHARACTERISTIC

(i) TOLA 1 series is available in 4 versions
(i) Light color: $2700 \mathrm{~K}, 3000 \mathrm{~K}$ or 4000 K
(i) equipped with COB power LED up to 110lm/W
(i) Fully faceted MICRO downlight ( $20 \times 20 \mathrm{~mm}$ ) with $2 \times 30^{\circ}$ or $2 \times 50^{\circ}$
(i) Housing: black RAL9005, silver grey RAL9006, white RAL9016 or special color on request
(i) Degree of protection: IP20 or IP43
(i) The reflectors are also available on request real gold plating
(i) excl. external converter (on request dimmable)

TOLA 1

| Watt Total: | 11W |  |  |
| :---: | :---: | :---: | :---: |
| Kelvin (CCT): | 2700K | 3000K | 4000K |
| Net lumen $30^{\circ}$ : | 10301m | 11201m | 11701m |
| Net lumen 50 ${ }^{\text {a }}$ | 11501m | 1250lm | 1310lm |
| Efficiency: | 85\% (30 ${ }^{\circ}$, 95\% ( $50^{\circ}$ ) |  |  |
| CRI: | >90Ra |  |  |
| Angle: | $2 \times 30^{\circ}, 2 \times 50^{\circ}$ |  |  |
| Life expectancy: | 50.000h, L80B20, $\mathrm{ta}=25^{\circ} \mathrm{C}$ |  |  |
| Voltage: | $100 \sim 230 \mathrm{~V}$ AC/300mA |  |  |
| Others: |  |  |  |

## Product overview:

Types:


Reflector:

Light color:


4000K neutral white

Housing:


silver grey RAL9006

white RAL9016

## Article overview:

| item number | types | watt | (1) reflector | (2) <br> kelvin | $3$ <br> housing | 4 protection |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $L W-Q 01-1-3$ | TOLA Q1 | 11W | $\begin{aligned} & \geqslant 30 «< \\ & 2 \times 30^{\circ} \end{aligned}$ | $\begin{aligned} & \text { " SW « } \\ & \text { 2700K } \end{aligned}$ | $\text { - RAL } 9005$ | $\begin{aligned} & \text { »IP«} \\ & \text { IP43 } \end{aligned}$ |
| LW-R01-1-3-3 | TOLA R1 |  |  |  |  |  |
| LW-Q01-1-2-A | TOLA Q1 ANGLE |  | $\begin{aligned} & \geqslant 50 \ll \\ & 2 \times 50^{\circ} \end{aligned}$ | 4000K | 》 W « <br> ○ RAL 9016 |  |
| LW-Q01-1-2-3-4 | TOLA Q1 IP |  |  |  |  |  |

## Drawings:



TOLA Q1
TOLA Q1 IP


TOLA R1

$65 \mathrm{~mm}\left(30^{\circ}\right)$
$55 \mathrm{~mm}\left(50^{\circ}\right)$

Cutout \& installation depth:
TOLA Q1/ TOLA R1/ TOLA Q1 IP
$\begin{aligned} & 30^{\circ} \quad \varnothing 73 \times 65 \mathrm{~mm}\end{aligned}$


## TOLA Q1 ANGLE

## Light distribution:



