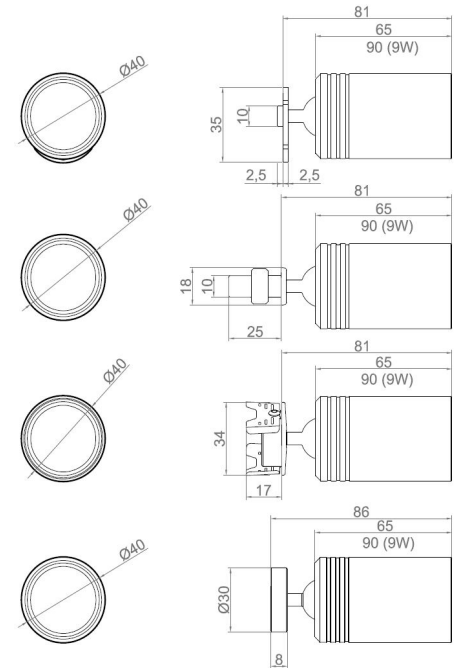


# Tono

Projectors | IP40 | Class III | Dimmable



## LIGHT SOURCE & OPTIC

### Power

3W  
6W  
9W

### Lens

3° - 3W  
10°/ 30°/ 50° - 6/9W

### Beam Direction

Adjustable:  
Tilting +/-60°, rotating +/-360°,  
Symmetrical

### Material

PMMA

### LED quantity

1

### Binning

2 MacAdam steps

### Color temperature & quality

2700K CRI>80  
3000K CRI>80/90  
3500K CRI>80  
4000K CRI>80

### Lifetime

(L90) >60.500 hrs

## FIXTURE

### Dimensions

Ø 40mm x Hmax 123mm (98mm - 3/6W)

### Material

Aluminium

### Body finishes

Black (RAL 9005)  
White (RAL 9003)  
Titanium  
Champagne gold  
Gray

### Weight

140gr

### Mounting

Surface/Semi-recessed

### Fixing

G - Ring nut: cut out Ø 10mm  
L - Springs: cut out Ø 28mm  
M- Magnetic  
P - Applique: cut out Ø 10mm

### Working temperature

-20° / +40°

## ELECTRICAL FEATURES

### Power supply

Constant current:  
500mA  
700mA  
900mA  
Typical Vf= 3V - 900mA  
Typical Vf= 12V - 500/700mA

### Driver requirement

Remote (not included)

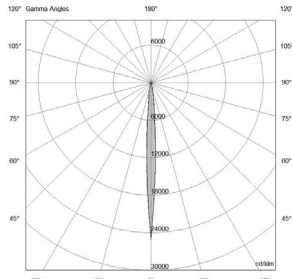
### Control

On/off  
Push switch  
Phase Cut  
0/1-10 V  
Casambi  
DALI

# Tono

## PHOTOMETRIC DATA (3000K CRI>80)

### 3W - 3° | UGR 6

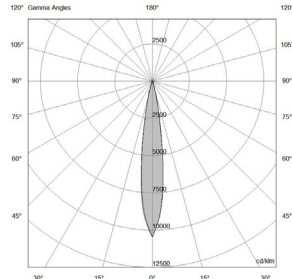


H (m)	D (m)	Eav (lx)
1	0.11	3323
2	0.22	831
3	0.33	369
4	0.44	208
5	0.55	133

**Total lumen output**  
218 lm

**Efficacy**  
73 lm/W

### 6W - 10° | UGR 9

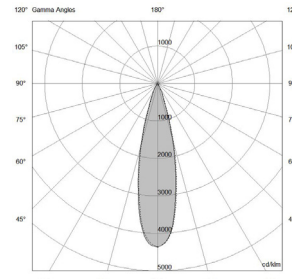


H (m)	D (m)	Eav (lx)
1	0.27	3438
2	0.55	859
3	0.82	382
4	1.10	215
5	1.37	138

**Total lumen output**  
519 lm

**Efficacy**  
91 lm/W

### 6W - 30° | UGR 12

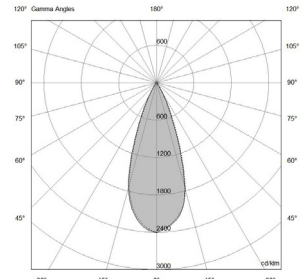


H (m)	D (m)	Eav (lx)
1	0.45	1283
2	0.90	321
3	1.35	143
4	1.80	80
5	2.25	51

**Total lumen output**  
466 lm

**Efficacy**  
78 lm/W

### 6W - 50° | UGR 14

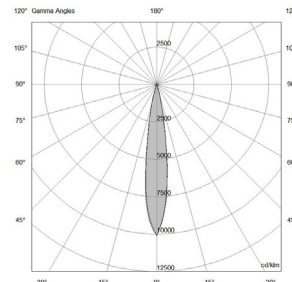


H (m)	D (m)	Eav (lx)
1	0.69	653
2	1.37	163
3	2.06	73
4	2.74	41
5	3.43	26

**Total lumen output**  
442 lm

**Efficacy**  
74 lm/W

### 9W - 10° | UGR 10

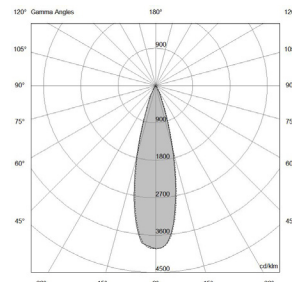


H (m)	D (m)	Eav (lx)
1	0.28	4495
2	0.56	1124
3	0.84	460
4	1.12	281
5	1.40	180

**Total lumen output**  
703 lm

**Efficacy**  
78 lm/W

### 9W - 30° | UGR 13

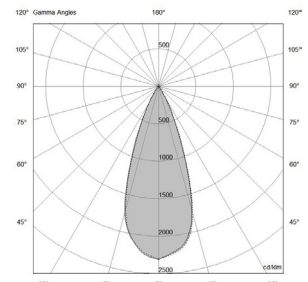


H (m)	D (m)	Eav (lx)
1	0.49	1600
2	0.89	400
3	1.47	178
4	1.96	100
5	2.45	64

**Total lumen output**  
641 lm

**Efficacy**  
73 lm/W

### 9W - 50° | UGR 15



H (m)	D (m)	Eav (lx)
1	0.70	857
2	1.40	214
3	2.11	95
4	2.81	54
5	3.51	34

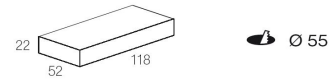
**Total lumen output**  
600 lm

**Efficacy**  
67 lm/W

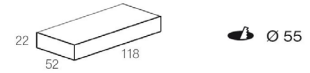
## SUGGESTED REMOTE DRIVERS

**On/Off (RIPPLE FREE):**

CC20-F-500/700/900-N

**Multifunction (DALI 2, 0/1-10V, PUSH RIPPLE FREE, AM DIMMING):**

CC25-DM-500/700/900-N



Other options upon request