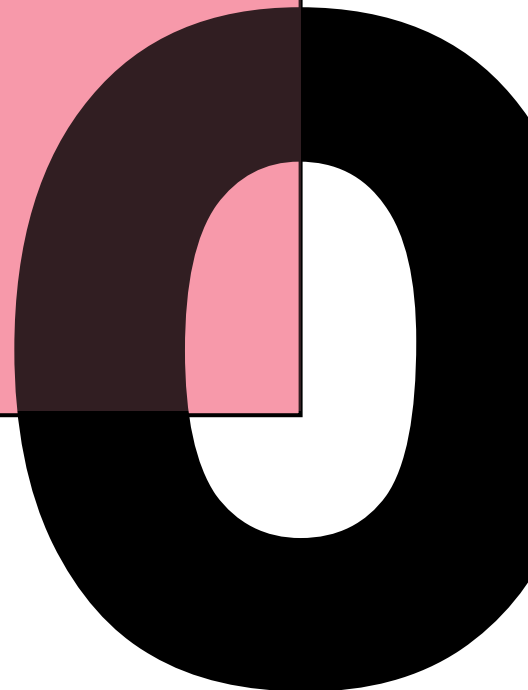


# TYRONE

## BEAUTY, MORE THAN ONE

**YEAR:2024**

The natural evolution from the Light Shadow Dots. They offer extremely high effectiveness despite their small size and compact body.



**TYRONE**

# TYRONE SERIES

*Tyrone series lamps and lanterns are new products designed and developed for various scenarios. They have excellent heat dissipation and effectively protect the long life of electrical appliances. A variety of power and a variety of angles, so that the light in the space as you want it to shine in any area.*





12°



15°



24°



36°



60°



12\*40°



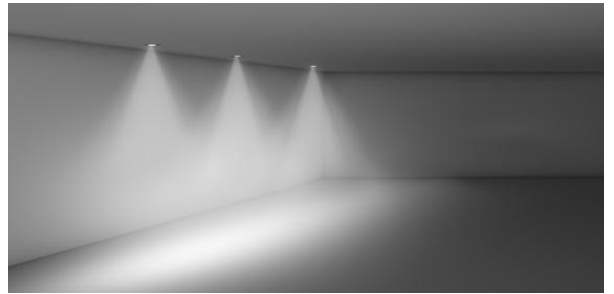
20\*40°



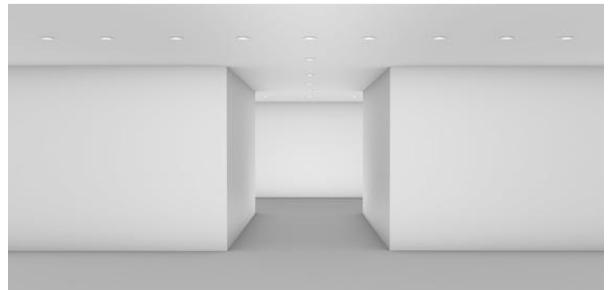
24\*40°

*Various light shapes ,Meet different lighting needs Special optical lenses Perfect stretch profile.*

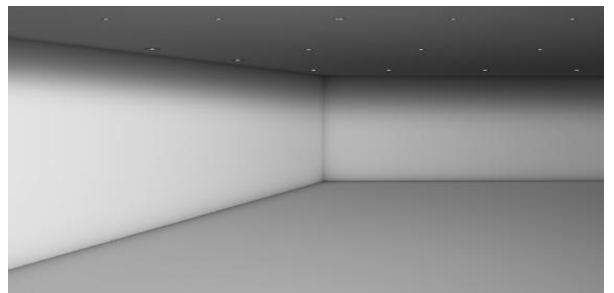
# TYRONE SERIES



*Improve lighting efficiency.*


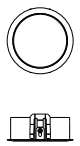
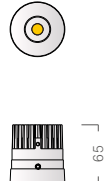


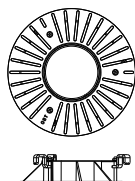
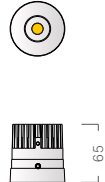










*The irradiation range is wide and the angle can be adjusted.*



*Bright walls lend the room depth and create a high impression of brightness.*

# TYRONE FAMILY

Tyrone series ceiling recessed							
<b>fixed</b>	<p>Trim recess opening: Ø70</p> 						
	<p>Trimless recess opening: Ø120</p> 						
<b>accessory</b>	 <p>Elliptical Filter (92.5801.EF)</p>	 <p>Single Polarizer (92.5801.SP)</p>	 <p>Bipolarized Dimmer (92.5801.BD)</p>	 <p>Softening Lens (92.5801.SL)</p>	 <p>Trim Accessories (90.2701.WH)</p>	 <p>Trimless Accessories (91.2701.WH)</p>	 <p>Trimless Accessories (91.2702.WH)</p>

# SWAP DIM TO WARM

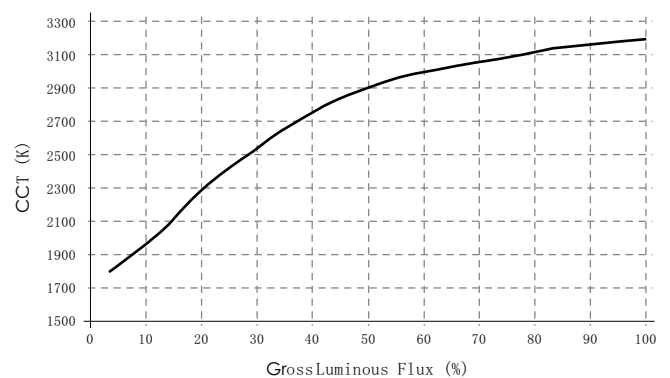


The DIM to Warm tuning technology is a method for synchronized modulation of light intensity and colour temperature. Within the CCT limits of this lighting fixture, it provides the coldest temperature at 100% of its luminous flux.

As the intensity fades, the luminaire changes the color temperature to more pleasing values. When the setting reaches the minimum luminous flux, the luminaire is able to provide the warmest colour temperature.

This effect is similar to the behaviour of the traditional halogen bulbs when submitted to intensity variations. Highly appreciated in domestic environments, hotels, etc ... the DIM to Warm effect is the answer to the link that the colour temperature and the amount of light have with the comfort and well-being of the people. For those moments of the day in which activity starts and high biorhythms are required, a cold and abundant light is adequate. On the contrary, when the activity decreases and it is time to relax, a soft temperature and a strictly necessary amount of light are the desired characteristics.

DIM TO WARM CCT VS. GROSS LUMINOUS FLUX















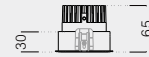


# Tyrone

050

Fixed trim Downlight

-  Ceiling recessed
-  AC 220V~240V
-  Ra 95
-  Lens
-  Class II
-  Ø 70 mm
-  White(WH)
-  Black(BK)











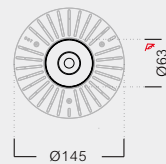
Wattage	Beam Angle	2700K	3000K	3500K	4000K	2700~6500K
Max. 12W	15°	01.7001.WH 01.7001.BK	01.7002.WH 01.7002.BK	01.7041.WH 01.7041.BK	01.7003.WH 01.7003.BK	01.7025.WH 01.7025.BK
	24°	01.7004.WH 01.7004.BK	01.7005.WH 01.7005.BK	01.7042.WH 01.7042.BK	01.7006.WH 01.7006.BK	01.7026.WH 01.7026.BK
	36°	01.7007.WH 01.7007.BK	01.7008.WH 01.7008.BK	01.7043.WH 01.7043.BK	01.7009.WH 01.7009.BK	01.7027.WH 01.7027.BK
	50°	01.7010.WH 01.7010.BK	01.7011.WH 01.7011.BK	01.7044.WH 01.7044.BK	01.7012.WH 01.7012.BK	01.7028.WH 01.7028.BK

Dimming: On/Off, 1-10V, DALI, TRIAC  
 UGR: ≤15  
 SDCM: ≤3  
 Luminous efficacy: 80lm/W  
 luminaire Lifetime: 50000h ( L80B10, T a25° C )  
 Material: Aluminium  
 Working Temperature ( °C): -20° C ~ +45° C  
 Transformer availability: LED DC 36V 300mA



# Tyrone

-  Ceiling recessed
-  AC 220V~240V
-  Ra 95
-  Lens
-  Class II
-  Ø 120 mm
-  White(WH)
-  Black(BK)



Wattage	Beam Angle	2700K	3000K	3500K	4000K	2700~6500K
Max. 12W	15°	10.7001.WH 10.7001.BK	10.7002.WH 10.7002.BK	10.7041.WH 10.7041.BK	10.7003.WH 10.7003.BK	10.7025.WH 10.7025.BK
	24°	10.7004.WH 10.7004.BK	10.7005.WH 10.7005.BK	10.7042.WH 10.7042.BK	10.7006.WH 10.7006.BK	10.7026.WH 10.7026.BK
	36°	10.7007.WH 10.7007.BK	10.7008.WH 10.7008.BK	10.7043.WH 10.7043.BK	10.7009.WH 10.7009.BK	10.7027.WH 10.7027.BK
	50°	10.7010.WH 10.7010.BK	10.7011.WH 10.7011.BK	10.7044.WH 10.7044.BK	10.7012.WH 10.7012.BK	10.7028.WH 10.7028.BK









Dimming:	On/Off, 1-10V, DALI, TRIAC
UGR:	≤15
SDCM:	≤3
Luminous efficacy:	80lm/W
luminaire Lifetime:	50000h ( L80B10, T a25° C )
Material:	Aluminium
Working Temperature ( °C):	-20° C ~ +45° C
Transformer availability:	LED DC 36V 300mA



# Tyrone

052

Fixed trim Downlight

-  Ceiling recessed
-  AC 220V~240V
-  Ra 95
-  Lens
-  Class II
-  Ø 70 mm
-  White (WH)
-  Black (BK)











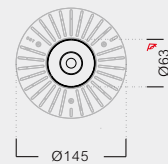
Wattage	Beam Angle	2700K	3000K	3500K	4000K	2700~6500K
Max. 16W	15°	01.7013.WH 01.7013.BK	01.7014.WH 01.7014.BK	01.7045.WH 01.7045.BK	01.7015.WH 01.7015.BK	01.7029.WH 01.7029.BK
	24°	01.7016.WH 01.7016.BK	01.7017.WH 01.7017.BK	01.7046.WH 01.7046.BK	01.7018.WH 01.7018.BK	01.7030.WH 01.7030.BK
	36°	01.7019.WH 01.7019.BK	01.7020.WH 01.7020.BK	01.7047.WH 01.7047.BK	01.7021.WH 01.7021.BK	01.7031.WH 01.7031.BK
	50°	01.7022.WH 01.7022.BK	01.7023.WH 01.7023.BK	01.7048.WH 01.7048.BK	01.7024.WH 01.7024.BK	01.7032.WH 01.7032.BK

Dimming: On/Off, 1-10V, DALI, TRIAC  
 UGR: ≤15  
 SDCM: ≤3  
 Luminous efficacy: 80lm/W  
 luminaire Lifetime: 50000h ( L80B10, T a25° C )  
 Material: Aluminium  
 Working Temperature ( °C): -20° C ~ +45° C  
 Transformer availability: LED DC 36V 400mA



# Tyrone

-  Ceiling recessed
-  AC 220V~240V
-  Ra 95
-  Lens
-  Class II
-  Ø 120 mm
-  White(WH)
-  Black(BK)












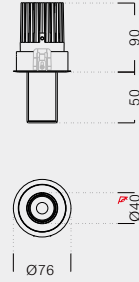
Wattage	Beam Angle	2700K	3000K	3500K	4000K	2700~6500K
Max. 16W	15°	10.7013.WH 10.7013.BK	10.7014.WH 10.7014.BK	10.7045.WH 10.7045.BK	10.7015.WH 10.7015.BK	10.7029.WH 10.7029.BK
	24°	10.7016.WH 10.7016.BK	10.7017.WH 10.7017.BK	10.7046.WH 10.7046.BK	10.7018.WH 10.7018.BK	10.7030.WH 10.7030.BK
	36°	10.7019.WH 10.7019.BK	10.7020.WH 10.7020.BK	10.7047.WH 10.7047.BK	10.7021.WH 10.7021.BK	10.7031.WH 10.7031.BK
	50°	10.7022.WH 10.7022.BK	10.7023.WH 10.7023.BK	10.7048.WH 10.7048.BK	10.7024.WH 10.7024.BK	10.7032.WH 10.7032.BK


Dimming:	On/Off, 1-10V, DALI, TRIAC
UGR:	≤15
SDCM:	≤3
Luminous efficacy:	80lm/W
luminaire Lifetime:	50000h ( L80B10, T a25° C )
Material:	Aluminium
Working Temperature ( °C):	-20° C ~ +45° C
Transformer availability:	LED DC 36V 400mA



# Tyrone

-  Ceiling recessed
-  AC 220V~240V
-  Ra 95
-  Lens
-  Class II
-  Ø 70 mm
-  White (WH)
-  Black (BK)
-  Chrome (CH)



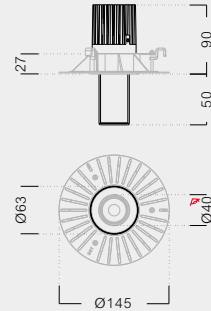
Wattage	Beam Angle	2700K	3000K	3500K	4000K	2700~6500K
Max. 14W	 120°	01.7101.WH 01.7101.BK 01.7101.CH	01.7102.WH 01.7102.BK 01.7102.CH	01.7103.WH 01.7103.BK 01.7103.CH	01.7104.WH 01.7104.BK 01.7104.CH	01.7105.WH 01.7105.BK 01.7105.CH


Dimming: On/Off, 1-10V, DALI, TRIAC  
 UGR: ≤15  
 SDCM: ≤3  
 Luminous efficacy: 80lm/W  
 luminaire Lifetime: 50000h ( L80B10, T a25° C )  
 Material: Aluminium  
 Working Temperature ( °C): -20° C ~ +45° C  
 Transformer availability: LED DC 36V 350mA



# Tyrone

-  Ceiling recessed
-  AC 220V~240V
-  Ra 95
-  Lens
-  Class II
-  Ø 120 mm
-  White(WH)
-  Black(BK)
-  Chrome(CH)



Wattage	Beam Angle	2700K	3000K	3500K	4000K	2700~6500K
Max. 14W	 120°	10.7101.WH 10.7101.BK 10.7101.CH	10.7102.WH 10.7102.BK 10.7102.CH	10.7103.WH 10.7103.BK 10.7103.CH	10.7104.WH 10.7104.BK 10.7104.CH	10.7105.WH 10.7105.BK 10.7105.CH

Dimming:

UGR:

SDCM:

Luminous efficacy:

luminaire Lifetime:

Material:

Working Temperature ( °C):

Transformer availability:

On/Off, 1-10V, DALI, TRIAC

≤15

≤3

80lm/W

50000h ( L80B10, T a25° C )

Aluminium

-20° C ~ +45° C

LED DC 36V 350mA



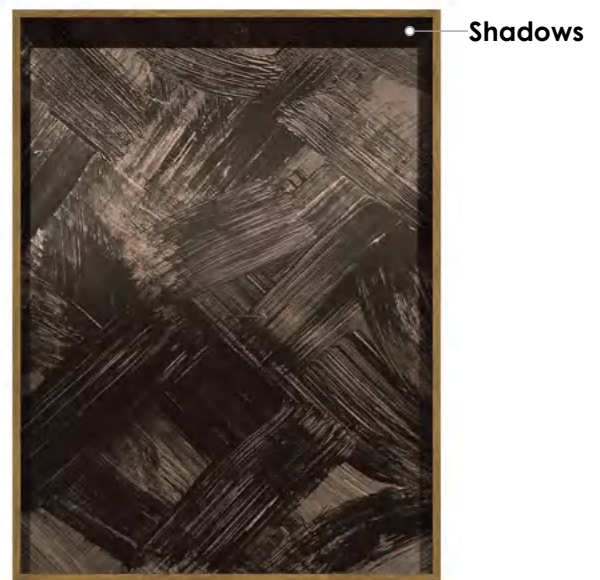


# CONSIDERATIONS FOR ARTWORK

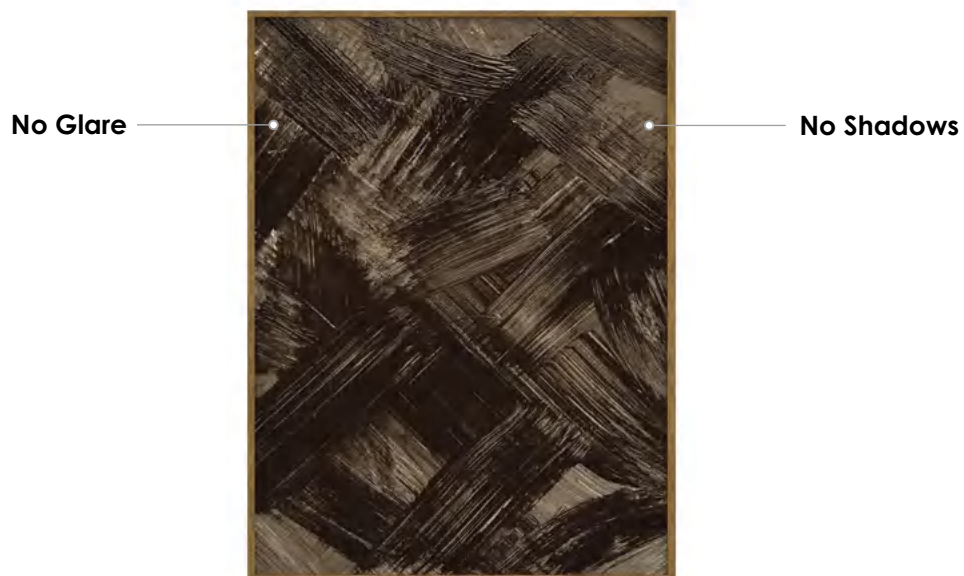
Example of a 915mm tall painting mounted at 1550mm on center.



Light fixtures too far from the wall cause glare when viewed at eye level.



Here light fixtures are too close to the wall. This causes harsh shadows as well as over exposing the top and under exposing the bottom of art.

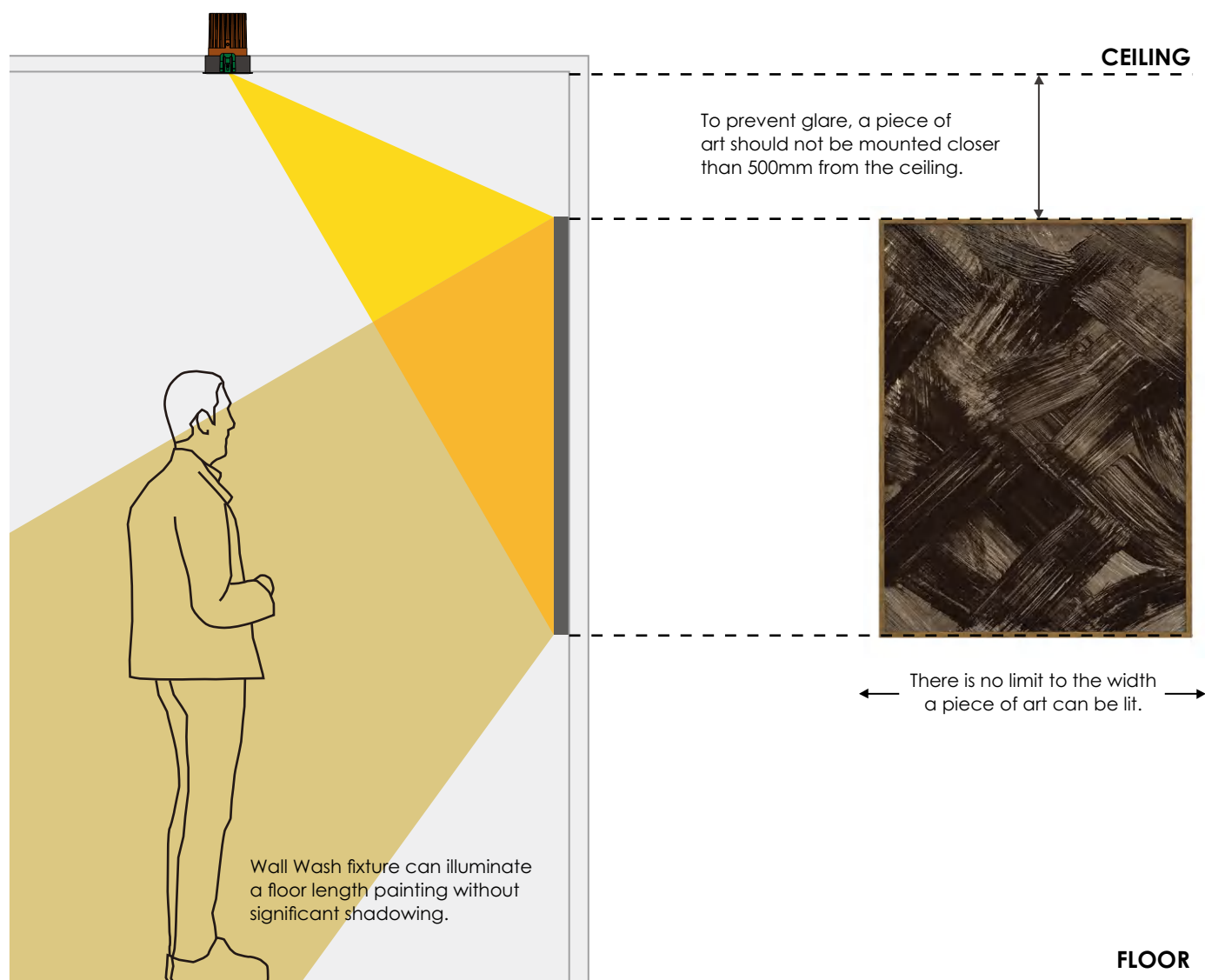


Light fixtures positioned at the correct distance of 900mm don't cause glare when viewed at eye level. At this distance, a painting can be evenly lit from top to bottom without harsh shadows.



# PROPERLY USE WALL WASH FOR ARTWORK

Example of a 915mm tall painting mounted at 1550mm on center.











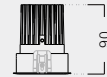





# Tyrone

Fixed trim wallwasher

-  Ceiling wallwasher
-  AC 220V~240V
-  Ra 95
-  Lens
-  Class II
-  Ø 70 mm
-  White (WH)
-  Black (BK)



Wattage	Beam Angle	2700K	3000K	3500K	4000K	2700~6500K
Max. 16W	 60°	01.7033.WH 01.7033.BK	01.7034.WH 01.7034.BK	01.7049.WH 01.7049.BK	01.7035.WH 01.7035.BK	01.7036.WH 01.7036.BK

Dimming:

UGR:

SDCM:

Luminous efficacy:

luminaire Lifetime:

Material:

Working Temperature ( °C):

Transformer availability:

On/Off, 1-10V, DALI, TRIAC

≤15

≤3

80lm/W

50000h ( L80B10, T a25° C )

Aluminium

-20° C ~ +45° C









LED DC 36V 400mA

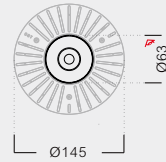



# Tyrone

062

Fixed trimless wallwasher

-  Ceiling wallwasher
-  AC 220V~240V
-  Ra 95
-  Lens
-  Class II
-  Ø 120 mm
-  White (WH)
-  Black (BK)



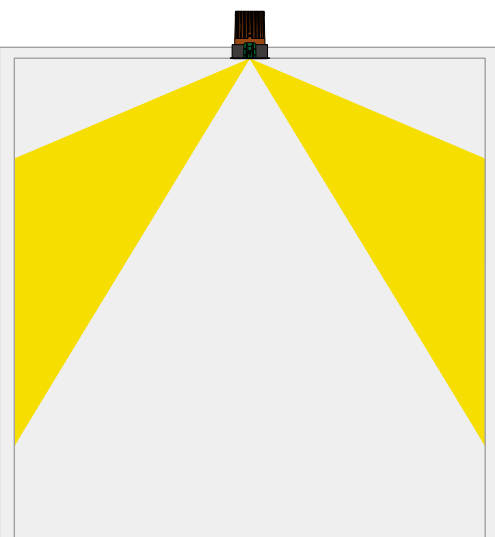
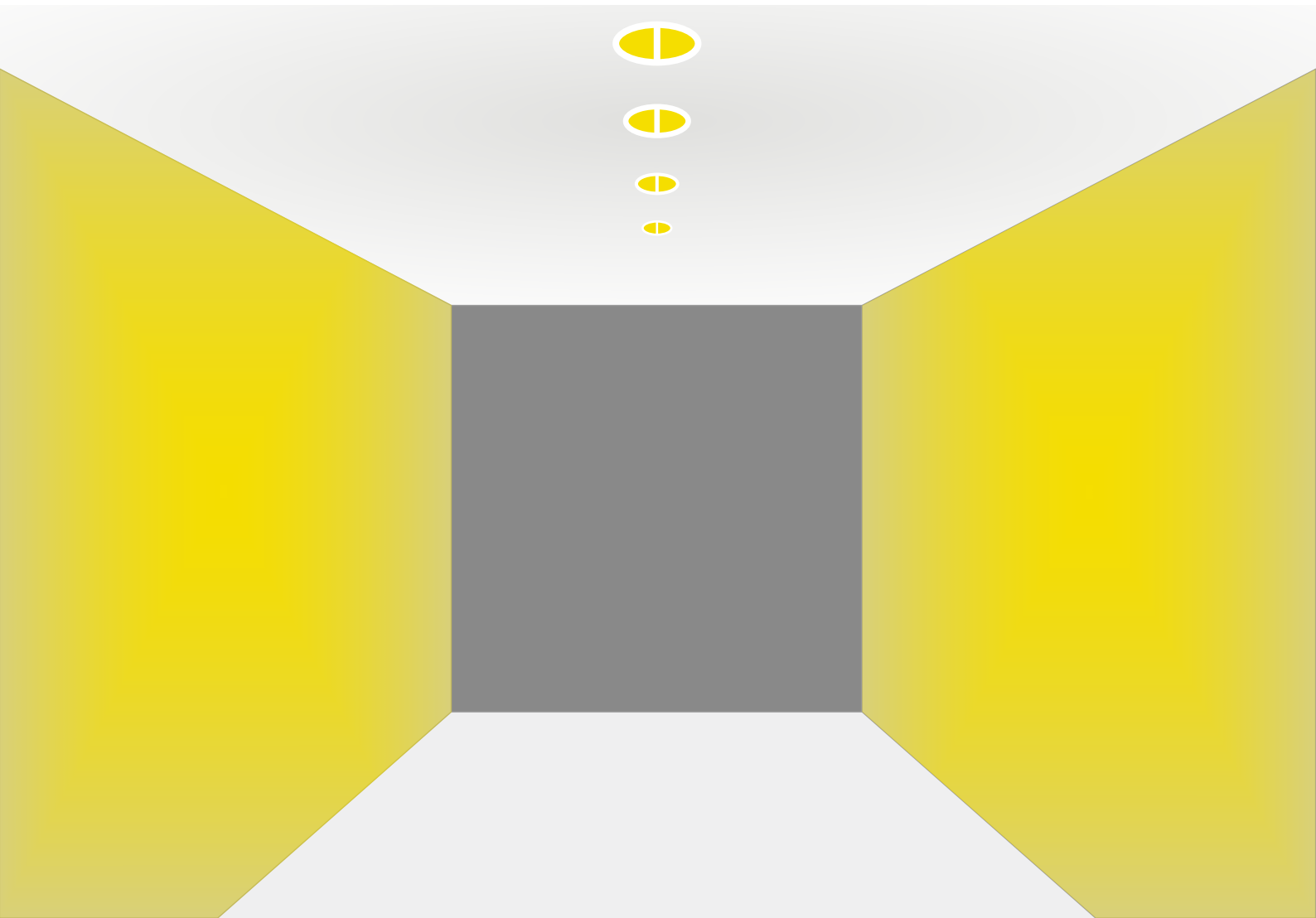
Wattage	Beam Angle	2700K	3000K	3500K	4000K	2700~6500K
Max. 16W	 60°	10.7033.WH 10.7033.BK	10.7034.WH 10.7034.BK	10.7049.WH 10.7049.BK	10.7035.WH 10.7035.BK	10.7036.WH 10.7036.BK

Dimming: On/Off, 1-10V, DALI, TRIAC  
 UGR: ≤15  
 SDCM: ≤3  
 Luminous efficacy: 80lm/W  
 luminaire Lifetime: 50000h ( L80B10, T a25° C )  
 Material: Aluminium  
 Working Temperature ( °C): -20° C ~ +45° C  
 Transformer availability: LED DC 36V 400mA











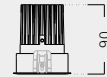
# BILATERAL POLARIZED WALL WASH

Fewer lighting fixtures present a more comfortable space.



# Tyrone

-  Ceiling wallwasher
-  AC 220V~240V
-  Ra 95
-  Lens
-  Class II
-  Ø 70 mm
-  White (WH)
-  Black (BK)



Wattage	Beam Angle	2700K	3000K	3500K	4000K	2700~6500K
Max. 16W	2*60°	01.7037.WH 01.7037.BK	01.7038.WH 01.7038.BK	01.7050.WH 01.7050.BK	01.7039.WH 01.7035.BK	01.7040.WH 01.7040.BK









Dimming: On/Off, 1-10V, DALI, TRIAC  
 UGR: ≤15  
 SDCM: ≤3  
 Luminous efficacy: 80lm/W  
 luminaire Lifetime: 50000h ( L80B10, T a25° C )  
 Material: Aluminium  
 Working Temperature ( °C): -20° C ~ +45° C  
 Transformer availability: LED DC 36V 400mA

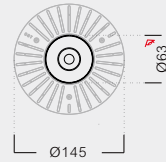


# Tyrone

065

Fixed trimless wallwasher

-  Ceiling wallwasher
-  AC 220V~240V
-  Ra 95
-  Lens
-  Class II
-  Ø 120 mm
-  White (WH)
-  Black (BK)



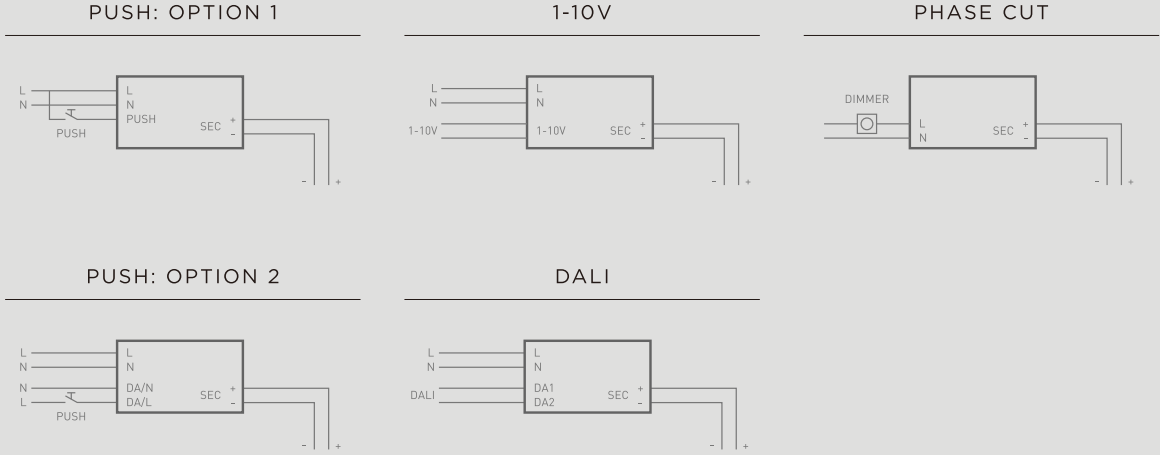
Wattage	Beam Angle	2700K	3000K	3500K	4000K	2700~6500K
Max. 16W	2*60°	10.7037.WH 10.7037.BK	10.7038.WH 10.7038.BK	10.7050.WH 10.7050.BK	10.7039.WH 10.7035.BK	10.7040.WH 10.7040.BK

Dimming: On/Off, 1-10V, DALI, TRIAC  
 UGR: ≤15  
 SDCM: ≤3  
 Luminous efficacy: 80lm/W  
 luminaire Lifetime: 50000h ( L80B10, T a25° C )  
 Material: Aluminium  
 Working Temperature ( °C): -20° C ~ +45° C  
 Transformer availability: LED DC 36V 400mA



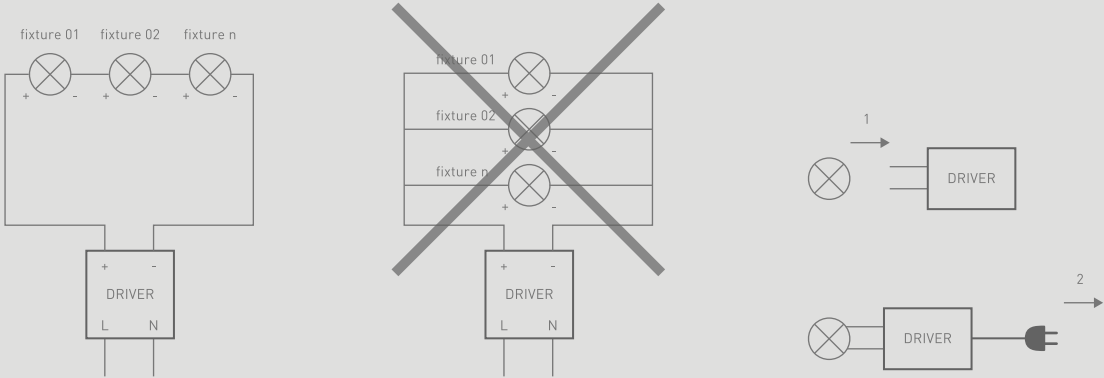


# Installation Schemes

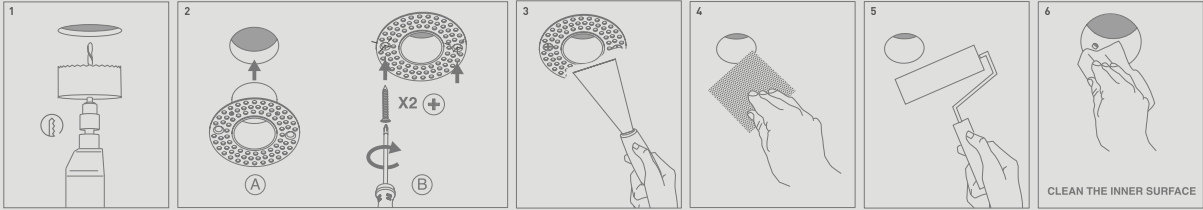


# Connection Tips

SEVERAL FIXTURES CONNECTION TO A SINGLE CONSTANT CURRENT DRIVER



# Trimless Mounting



*Publication date: December 2022*

*©Copyright OBT lighting*

*With thank to all contributors for the realization of this catalogue*

*Designed by OBT lighting Graphic Design Department*

*No part of this catalogue may be copied without written authorization of OBT lighting*



## **OBT LIGHTING LIMITED**

Unit G1 Capital House 61  
Amhurst Road, London,  
United Kingdom, E8 1LL  
services@obtlighting.cn  
Hotline : 400 090 2289

[www.obt.ltd](http://www.obt.ltd)



Floor 2, No. 979, Yunhan  
Road, Lingang New District,  
China (Shanghai) pilot Free  
Trade Zone  
services@obtlighting.cn  
Hotline : 400 090 2289

[www.obt.ltd](http://www.obt.ltd)

Office 5, 8/F, Mega Cube,  
8 Wang Kwong Road, Kowloon  
Bay, Kowloon, Hong Kong  
services@obtlighting.cn  
Hotline : 400 090 2289

[www.obt.ltd](http://www.obt.ltd)

Room 201, building 3, No. 67,  
Luoja Nanyue street, Dalong  
street, Panyu District,  
Guangzhou  
services@obtlighting.cn  
Hotline : 400 090 2289

[www.obt.ltd](http://www.obt.ltd)