

ABNER®

ONE™  
SERIES  
Catalogue - 2025



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**ABNER®**

**ONE™**  
SERIES



# One Ring - Everything

The One Series family of modular down lights is crafted to light up spaces efficiently and stylishly.

The Play-70 Series features a 70mm aperture, while the Play-50 Series offers a more sleeker 50mm aperture.

The Play-100 Series provides versatility with fixed, adjustable, single, and double gimbal rings, all in a 100mm aperture.

Discover the full range of one series down light family to enhance your experience in lighting up spaces.

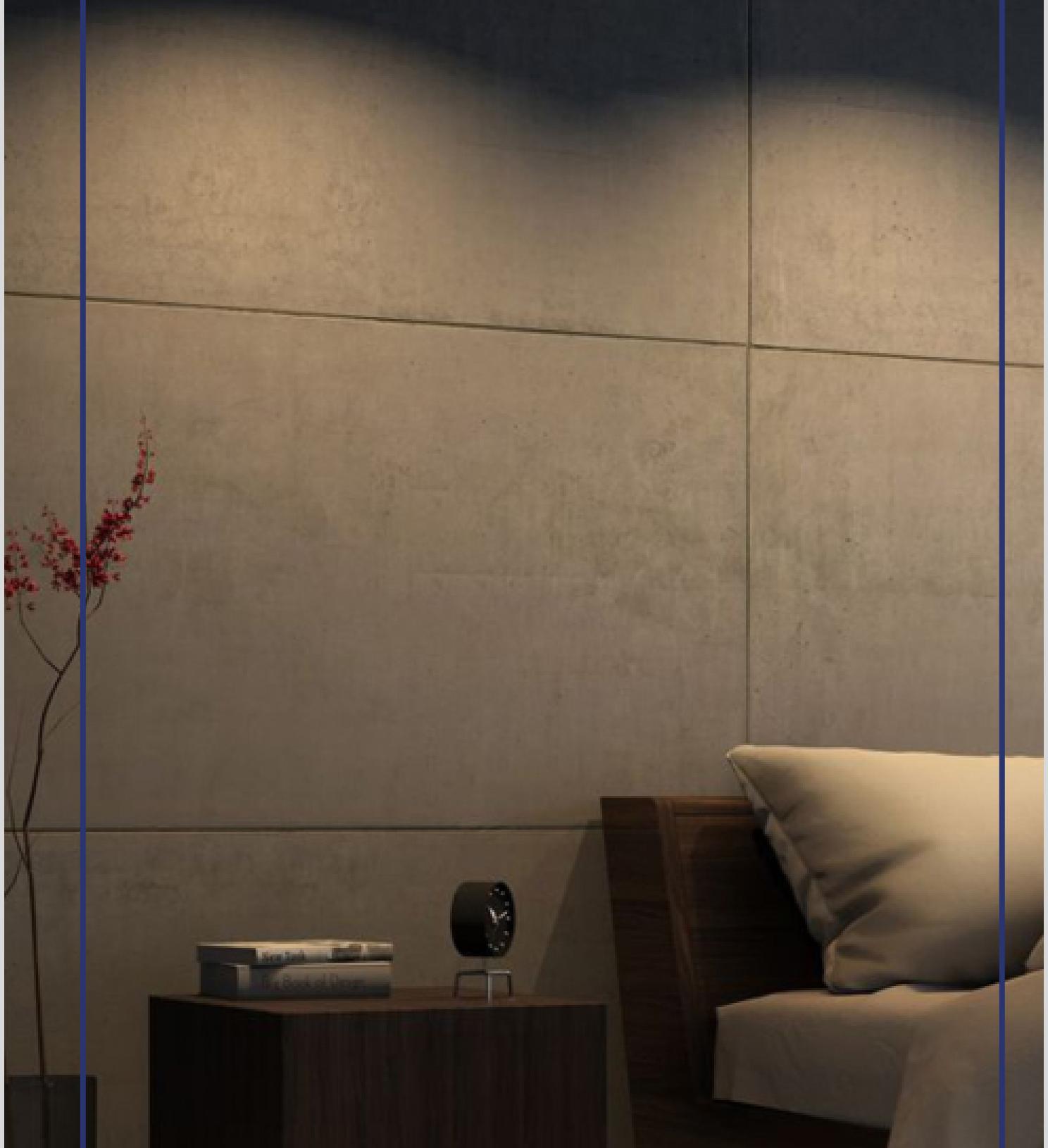


Established in 2015, ABNER is an innovative enterprise in India's Architectural LED lighting and manufacturing sector.

With a combined experience of 10 years in the LED and Lighting industry, we are dedicated to delivering exceptional design and unparalleled quality in LED lighting solutions, setting new benchmarks in both technological advancement and aesthetic appeal.

Our mission is to offer a diverse spectrum of premium Architectural and Custom Technical Lighting Solutions, fuelled by our unwavering commitment and professional acumen.

# PLAY-50



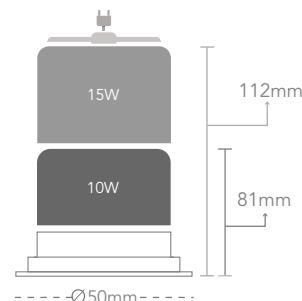
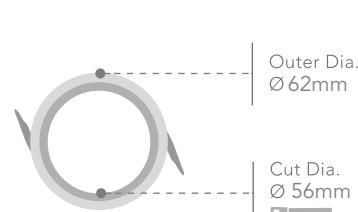
ABNER®

ONE™  
SERIES

## BOTTOM OPENABLE ANTI-GLARE FIXED LED DOWN LIGHT



 Ø 56mm



## MATERIALS

**Housing** : Machined Aluminium - 6063 T5

**Heatsink** : Extruded Aluminium - 6063 T5

**Optics** : PMMA-TIR Lens (Low UGR)

## GENERAL

**Mounting** : Ceiling Recessed

**Heatsink Cooling** : Passive

**Environment** : Indoor

**Ingress Protection Rating** : IP20 (Front-IP44 Optional\*)

**Photobiological Safety** : RG 0 (No Risk)

## LED

**Lamp Source** : COB LED (LM80 Certified)

**Binning** : One Bin

**SDCM** : Macadam Step 3 (Step 1 & 2 on request\*)

**LED Life Hours** : >50,000 Hrs @ L70/B10

## DRIVER

**Type** : Constant Current - Non-Dim (Flicker Free)

**Surge Protection (L/N - PE)** : 2 KV

**Driver PF / ATHD** : >0.97 / <15%

**Service Life** : Up to 1,00,000 Hrs @ TC 60° Max

**Optional Drivers** : Dali, Dali DT-8 (TW), Phase Cut, 0-10V/1-10V Analogue, RF, Zigbee and Ble (mesh). (Casambi & DMX on request)

## TECHNICAL

**Power (W)** : 6W/9W/12W/15W

**CCT (K)** : 2700K/3000K/3500K/4000K/5000K

**Special CCT** : 2700K-6000K (Max 10W)

**CRI** : 90 (97 on request)

**Distribution** : Symmetric

**Input Voltage (V)** : 230V-240V

\*Contact Abner representative. Standard lead time to follow

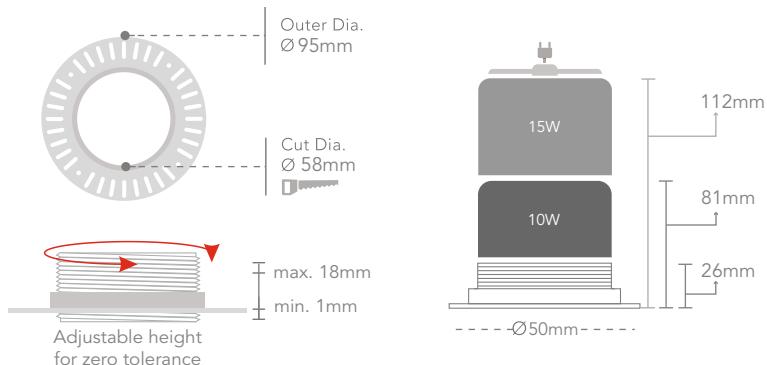
INVI-50 (FX)	System Wattage	Driving Current (mA)/Voltage	Net Lumen* @90CRI			Net Lumen* @97CRI		
			3000K	3500K	4000K	3000K	3500K	4000K
	<b>6W</b>	150mA / 36V	348	366	384	300	312	330
	<b>9W</b>	200mA / 36V	522	549	576	450	468	495
	<b>12W</b>	300mA / 36V	696	732	768	600	624	660
	<b>15W</b>	350mA / 36V	870	915	960	750	780	825

\*Net Lumen value is approximate.

## BOTTOM OPENABLE ANTI-GLARE FIXED LED DOWN LIGHT



Ø 58mm



Invi-50 (Fx) Trimless

White/Black  
Special RAL colours  
on request

Beam Angle  
15°/24°/36°/50°

## Accessories



Honeycomb Filter



IP-44 Glass

## MATERIALS

**Housing** : Machined Aluminium - 6063 T5

**Heatsink** : Extruded Aluminium - 6063 T5

**Optics** : PMMA-TIR Lens (Low UGR)

## GENERAL

**Mounting** : Ceiling Recessed Trimless

**Heatsink Cooling** : Passive

**Environment** : Indoor

**Ingress Protection Rating** : IP20 (Front-IP44 Optional\*)

**Photobiological Safety** : RG 0 (No Risk)

## LED

**Lamp Source** : COB LED (LM80 Certified)

**Binning** : One Bin

**SDCM** : Macadam Step 3 (Step 1 & 2 on request\*)

**LED Life Hours** : >50,000 Hrs @ L70/B10

## DRIVER

**Type** : Constant Current - Non-Dim (Flicker Free)

**Surge Protection (L/N - PE)** : 2 KV

**Driver PF / ATHD** : >0.97 / <15%

**Service Life** : Up to 1,00,000 Hrs @ TC 60° Max

**Optional Drivers** : DALI, DALI DT-8 (TW), Phase Cut, 0-10V/1-10V Analogue, RF, Zigbee and BLE (mesh). (Casambi & DMX on request)

## TECHNICAL

**Power (W)** : 6W/9W/12W/15W

**CCT (K)** : 2700K/3000K/3500K/4000K/5000K

**Special CCT** : 2700K-6000K (Max 10W)

**CRI** : 90 (97 on request)

**Distribution** : Symmetric

**Input Voltage (V)** : 230V-240V

\*Contact Abner representative. Standard lead time to follow

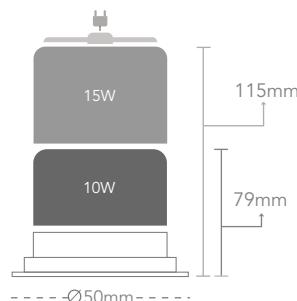
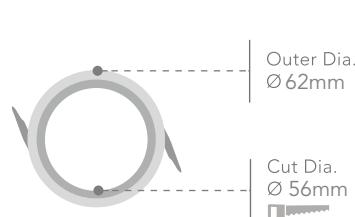
INVI-50 (FX)	System Wattage	Driving Current (mA)/Voltage	Net Lumen* @90CRI			Net Lumen* @97CRI		
			3000K	3500K	4000K	3000K	3500K	4000K
	<b>6W</b>	150mA / 36V	348	366	384	300	312	330
	<b>9W</b>	200mA / 36V	522	549	576	450	468	495
	<b>12W</b>	300mA / 36V	696	732	768	600	624	660
	<b>15W</b>	350mA / 36V	870	915	960	750	780	825

\*Net Lumen value is approximate.

## BOTTOM OPENABLE ANTI-GLARE 25° ADJUSTABLE &amp; 360° ROTATABLE LED DOWN LIGHT



20° Tilt  
Ø 56mm



## MATERIALS

**Housing** : Machined Aluminium - 6063 T5

**Heatsink** : Extruded Aluminium - 6063 T5

**Optics** : PMMA-TIR Lens (Low UGR)

## GENERAL

**Mounting** : Ceiling Recessed

**Heatsink Cooling** : Passive

**Environment** : Indoor

**Ingress Protection Rating** : IP20 (Front-IP44 Optional\*)

**Photobiological Safety** : RG 0 (No Risk)

## LED

**Lamp Source** : COB LED (LM80 Certified)

**Binning** : One Bin

**SDCM** : Macadam Step 3 (Step 1 & 2 on request\*)

**LED Life Hours** : >50,000 Hrs @ L70/B10

## DRIVER

**Type** : Constant Current - Non-Dim (Flicker Free)

**Surge Protection (L/N - PE)** : 2 KV

**Driver PF / ATHD** : >0.97 / <15%

**Service Life** : Up to 1,00,000 Hrs @ TC 60° Max

**Optional Drivers** : DALI, DALI DT-8 (TW), Phase Cut, 0-10V/1-10V Analogue, RF, Zigbee and BLE (mesh). (Casambi & DMX on request)

## TECHNICAL

**Power (W)** : 6W/9W/12W/15W

**CCT (K)** : 2700K/3000K/3500K/4000K/5000K

**Special CCT** : 2700K-6000K (Max 10W)

**CRI** : 90 (97 on request)

**Distribution** : Symmetric

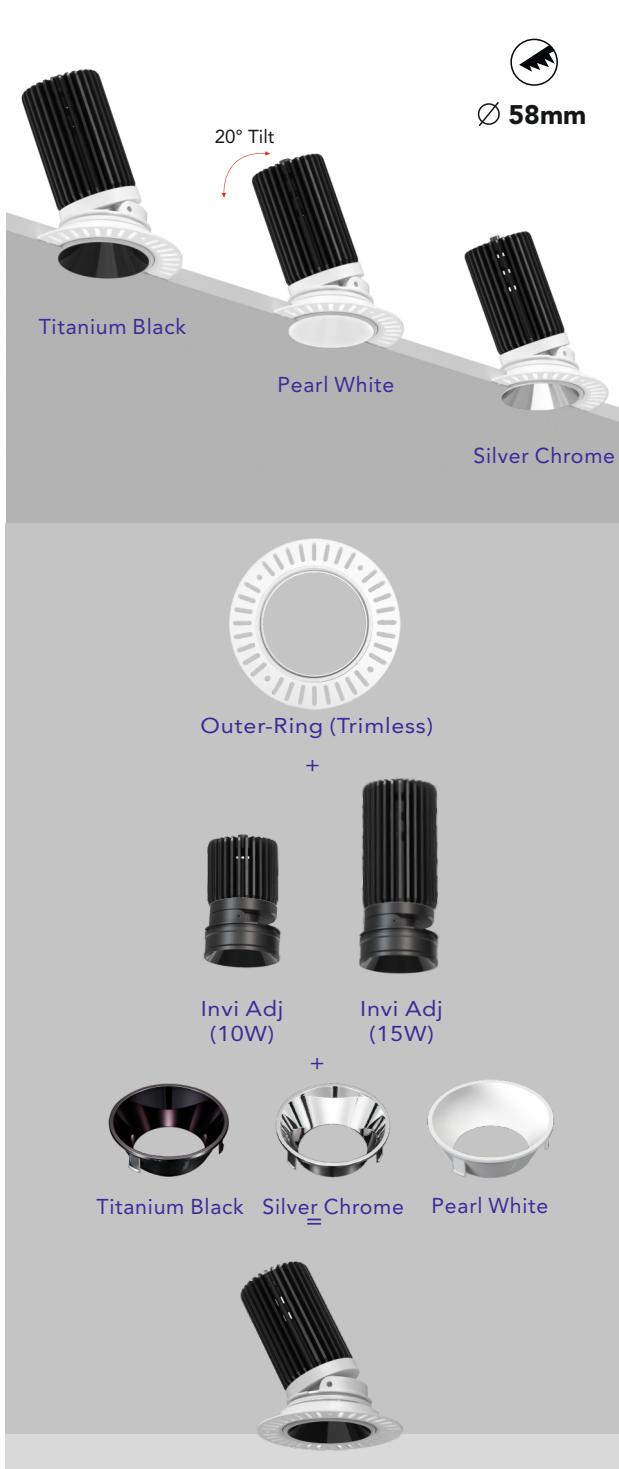
**Input Voltage (V)** : 230V-240V

\*Contact Abner representative. Standard lead time to follow

INVI-50 (ADJ)	System Wattage	Driving Current (mA)/Voltage	Net Lumen* @90CRI			Net Lumen @97CRI		
			3000K	3500K	4000K	3000K	3500K	4000K
	<b>6W</b>	150mA / 36V	348	366	384	300	312	330
	<b>9W</b>	200mA / 36V	522	549	576	450	468	495
	<b>12W</b>	300mA / 36V	696	732	768	600	624	660
	<b>15W</b>	350mA / 36V	870	915	960	750	780	825

\*Net Lumen value is approximate.

## BOTTOM OPENABLE ANTI-GLARE 25° ADJUSTABLE &amp; 360° ROTATABLE LED DOWN LIGHT



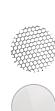
Invi-50 (Adj) Trimless



**Beam Angle**  
15°/24°/36°/50°



**Adjustability**  
20° Tiltable  
360° Rotatable

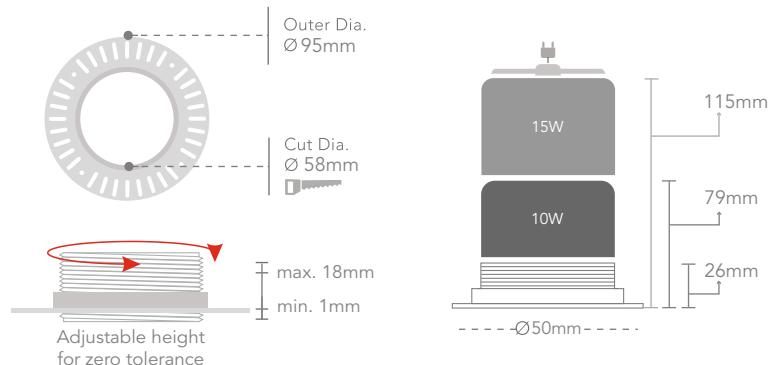


**Accessories**  
Honeycomb Filter  
IP-44 Glass



**White/Black**  
Special RAL colours  
on request

## Invi-50 (Adj) Trimless



## MATERIALS

**Housing** : Machined Aluminium - 6063 T5

**Heatsink** : Extruded Aluminium - 6063 T5

**Optics** : PMMA-TIR Lens (Low UGR)

## GENERAL

**Mounting** : Ceiling Recessed Trimless

**Heatsink Cooling** : Passive

**Environment** : Indoor

**Ingress Protection Rating** : IP20 (Front-IP44 Optional\*)

**Photobiological Safety** : RG 0 (No Risk)

## LED

**Lamp Source** : COB LED (LM80 Certified)

**Binning** : One Bin

**SDCM** : Macadam Step 3 (Step 1 & 2 on request\*)

**LED Life Hours** : >50,000 Hrs @ L70/B10

## DRIVER

**Type** : Constant Current - Non-Dim (Flicker Free)

**Surge Protection (L/N - PE)** : 2 KV

**Driver PF / ATHD** : >0.97 / <15%

**Service Life** : Up to 1,00,000 Hrs @ TC 60° Max

**Optional Drivers** : DALI, DALI DT-8 (TW), Phase Cut, 0-10V/1-10V Analogue, RF, Zigbee and BLE (mesh). (Casambi & DMX on request)

## TECHNICAL

**Power (W)** : 6W/9W/12W/15W

**CCT (K)** : 2700K/3000K/3500K/4000K/5000K

**Special CCT** : 2700K-6000K (Max 10W)

**CRI** : 90 (97 on request)

**Distribution** : Symmetric

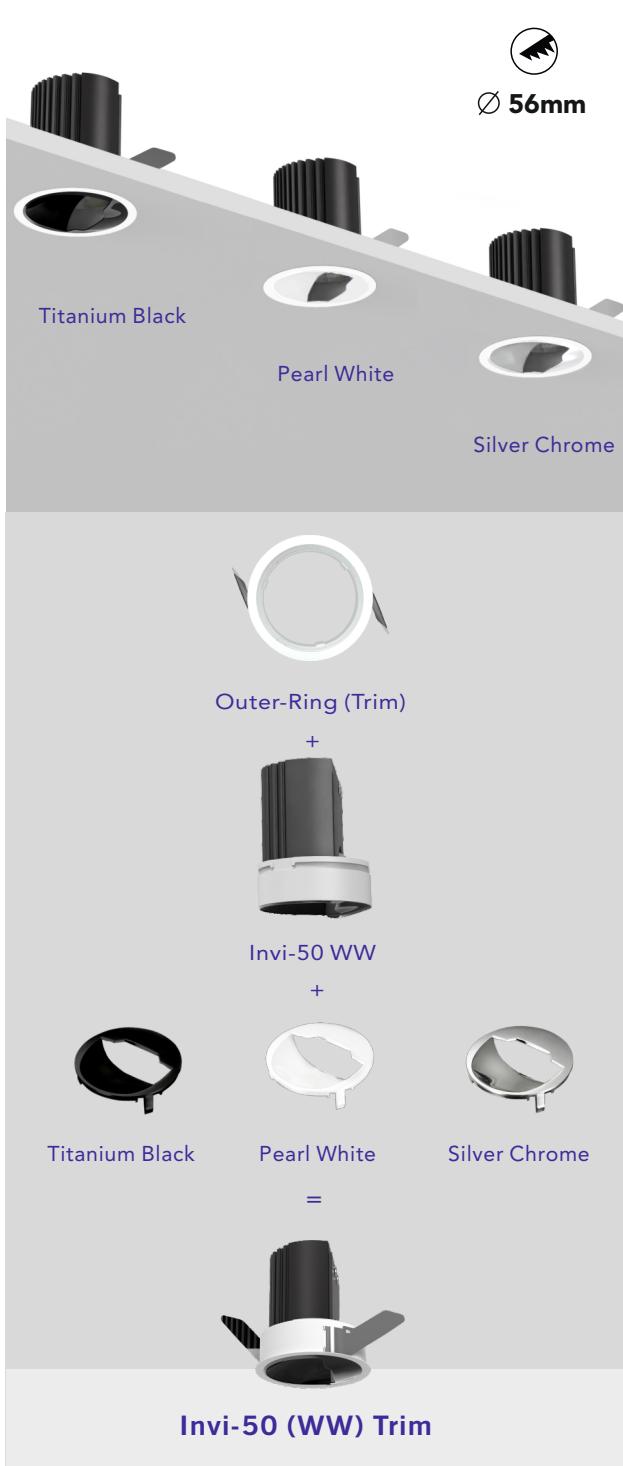
**Input Voltage (V)** : 230V-240V

\*Contact Abner representative. Standard lead time to follow

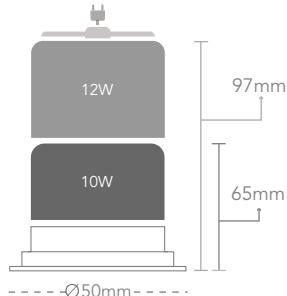
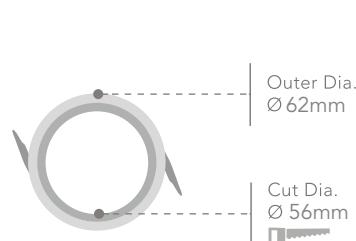
INVI-50 (ADJ)	System Wattage	Driving Current (mA)/Voltage	Net Lumen* @90CRI			Net Lumen* @97CRI		
			3000K	3500K	4000K	3000K	3500K	4000K
	<b>6W</b>	150mA / 36V	348	366	384	300	312	330
	<b>9W</b>	200mA / 36V	522	549	576	450	468	495
	<b>12W</b>	300mA / 36V	696	732	768	600	624	660
	<b>15W</b>	350mA / 36V	870	915	960	750	780	825

\*Net Lumen value is approximate.

## BOTTOM OPENABLE ANTI-GLARE (ASYMMETRICAL WALL WASHER) LIGHT



Ø 56mm



## MATERIALS

Housing	: Machined Aluminium - 6063 T5
Heatsink	: Extruded Aluminium - 6063 T5
Optics	: PC Leaf Technology Reflector (Assy)

## GENERAL

Mounting	: Ceiling Recessed
Heatsink Cooling	: Passive
Environment	: Indoor
Ingress Protection Rating	: IP20
Photobiological Safety	: RG 0 (No Risk)

## LED

Lamp Source	: COB LED (LM80 Certified)
Binning	: One Bin
SDCM	: Macadam Step 3 (Step 1 & 2 on request*)
LED Life Hours	: >50,000 Hrs @ L70/B10

## DRIVER

Type	: Constant Current - Non-Dim (Flicker Free)
Surge Protection (L/N - PE)	: 2 KV
Driver PF / ATHD	: >0.97 / <15%
Service Life	: Up to 1,00,000 Hrs @ TC 60° Max
Optional Drivers	: DALI, DALI DT-8 (TW), Phase Cut, 0-10V/1-10V Analogue, RF, Zigbee and BLE (mesh). (Casambi & DMX on request)

## TECHNICAL

Power (W)	: 6W/9W/12W
CCT (K)	: 2700K/3000K/3500K/4000K/5000K
Special CCT	: 2700-6000K (Max 10W)
CRI	: 90 (97 on request)
Beam Angle	: Asymmetric
Input Voltage (V)	: 230V-240V



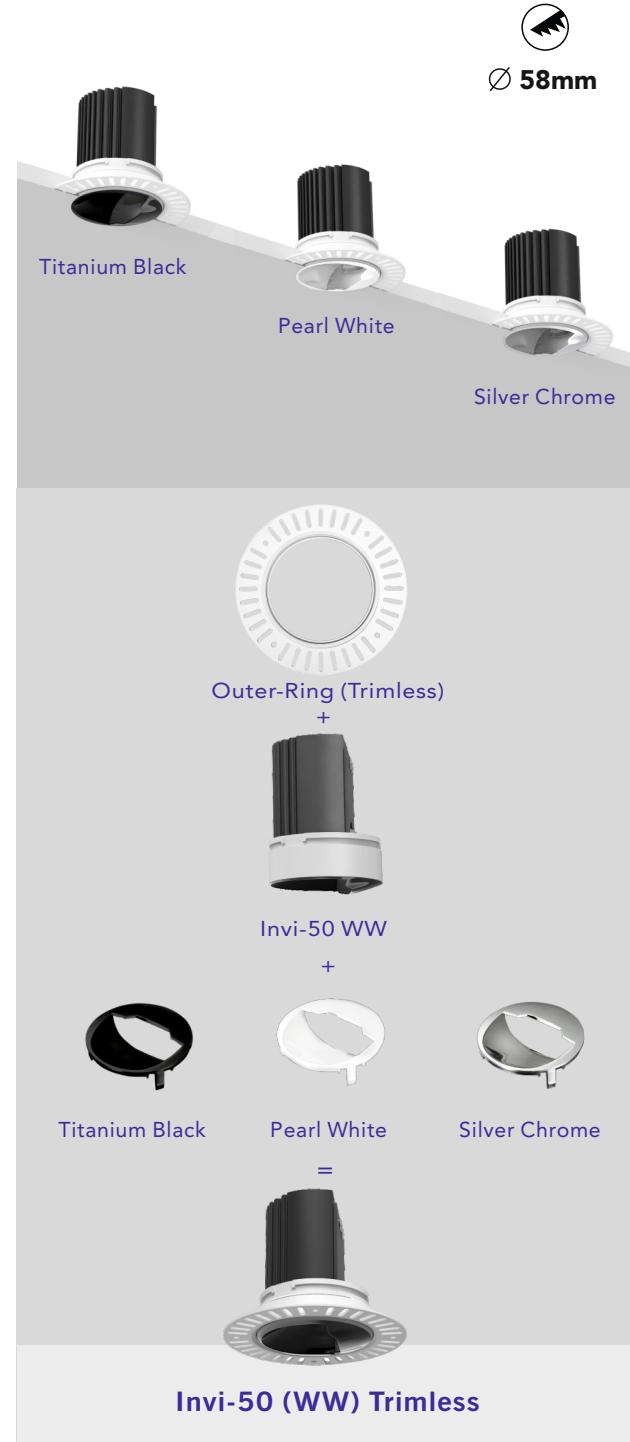
White/Black  
Special RAL colours  
on request

\*Contact Abner representative. Standard lead time to follow

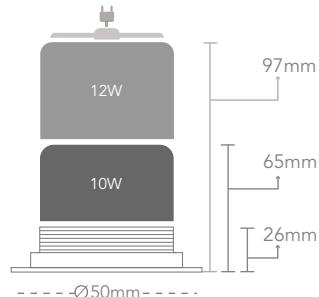
INVI-50 (WW)	System Wattage	Driving Current (mA)/Voltage	Net Lumen @90CRI			Net Lumen @97CRI		
			3000K	3500K	4000K	3000K	3500K	4000K
	<b>6W</b>	150mA / 36V	372	384	396	300	312	324
	<b>9W</b>	200mA / 36V	558	576	594	450	468	486
	<b>12W</b>	300mA / 36V	744	768	792	600	624	648

\*Net Lumen value is approximate.

## BOTTOM OPENABLE ANTI-GLARE (ASYMMETRICAL WALL WASHER) LIGHT



Ø 58mm



## MATERIALS

**Housing** : Machined Aluminium - 6063 T5

**Heatsink** : Extruded Aluminium - 6063 T5

**Optics** : PC Leaf Technology Reflector (Assy)

## GENERAL

**Mounting** : Ceiling Recessed Trimless

**Heatsink Cooling** : Passive

**Environment** : Indoor

**Ingress Protection Rating** : IP20

**Photobiological Safety** : RG 0 (No Risk)

## LED

**Lamp Source** : COB LED (LM80 Certified)

**Binning** : One Bin

**SDCM** : Macadam Step 3 (Step 1 & 2 on request\*)

**LED Life Hours** : >50,000 Hrs @ L70/B10

## DRIVER

**Type** : Constant Current - Non-Dim (Flicker Free)

**Surge Protection (L/N - PE)** : 2 KV

**Driver PF / ATHD** : >0.97 / <15%

**Service Life** : Up to 1,00,000 Hrs @ TC 60° Max

**Optional Drivers** : Dali, Dali DT-8 (TW), Phase Cut, 0-10V/1-10V Analogue, RF, Zigbee and Ble (mesh). (Casambi & DMX on request)

## TECHNICAL

**Power (W)** : 6W/9W/12W

**CCT (K)** : 2700K/3000K/3500K/4000K/5000K

**Special CCT** : 2700-6000K (Max 10W)

**CRI** : 90 (97 on request)

**Beam Angle** : Asymmetric

**Input Voltage (V)** : 230V-240V



White/Black  
Special RAL colours  
on request

\*Contact Abner representative. Standard lead time to follow

INVI-50 (WW)	System Wattage	Driving Current (mA)/Voltage	Net Lumen* @90CRI			Net Lumen @97CRI		
			3000K	3500K	4000K	3000K	3500K	4000K
	<b>6W</b>	150mA / 36V	372	384	396	300	312	324
	<b>9W</b>	200mA / 36V	558	576	594	450	468	486
	<b>12W</b>	300mA / 36V	744	768	792	600	624	648

\*Net Lumen value is approximate.

## BOTTOM OPENABLE DEEP RECESSED FIXED LED DOWN LIGHT



White/Black  
Special RAL colours  
on request

Beam Angle  
15°/24°/36°/50°

## Accessories

Honeycomb Filter    IP-44 Glass

## MATERIALS

**Housing** : Machined Aluminium - 6063 T5

**Heatsink** : Extruded Aluminium - 6063 T5

**Optics** : PMMA Low UGR Lens

## GENERAL

**Mounting** : Ceiling Recessed

**Heatsink Cooling** : Passive

**Environment** : Indoor

**Ingress Protection Rating** : IP20 (Front-IP44 Optional\*)

**Photobiological Safety** : RG 0 (No Risk)

## LED

**Lamp Source** : COB LED (LM80 Certified)

**Binning** : One Bin

**SDCM** : Macadam Step 3 (Step 1 & 2 on request\*)

**LED Life Hours** : >50,000 Hrs @ L70/B10

## DRIVER

**Type** : Constant Current - Non-Dim (Flicker Free)

**Surge Protection (L/N - PE)** : 2 KV

**Driver PF / ATHD** : >0.97 / <15%

**Service Life** : Up to 1,00,000 Hrs @ TC 60° Max

**Optional Drivers** : DALI, DALI DT-8 (TW), Phase Cut, 0-10V/1-10V Analogue, RF, Zigbee and BLE (mesh). (Casambi & DMX on request)

## TECHNICAL

**Power (W)** : 6W/9W/12W/15W

**CCT (K)** : 2700K/3000K/3500K/4000K/5000K

**Special CCT** : 2700K-6000K (Max 10W)

**CRI** : 90 (97 on request)

**Distribution** : Symmetric

**Input Voltage (V)** : 230V-240V

\*Contact Abner representative. Standard lead time to follow

Halo-50	System Wattage	Driving Current (mA)/Voltage	Net Lumen* @90CRI			Net Lumen* @97CRI		
			3000K	3500K	4000K	3000K	3500K	4000K
	<b>6W</b>	150mA / 36V	450	468	480	390	402	414
	<b>9W</b>	200mA / 36V	675	702	720	585	603	621
	<b>12W</b>	300mA / 36V	900	936	960	780	804	828
	<b>15W</b>	350mA / 36V	1125	1170	1200	975	1005	1035

\*Net Lumen value is approximate.

## BOTTOM OPENABLE DEEP RECESSED FIXED LED DOWN LIGHT



Outer-Ring (Trimless)

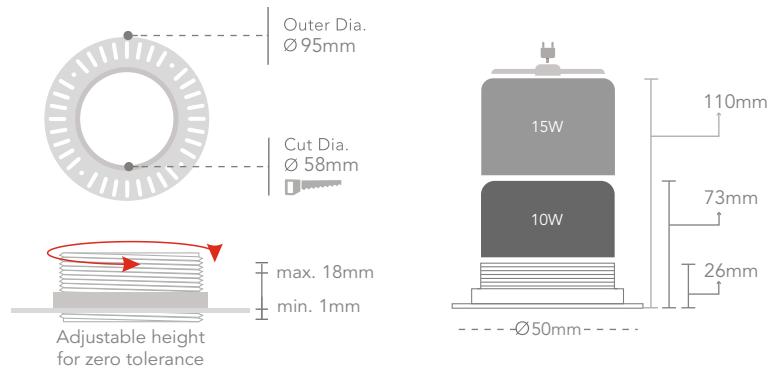


Halo Trimless

White/Black  
Special RAL colours  
on request

Beam Angle  
15°/24°/36°/50°

Accessories  
Honeycomb Filter      IP-44 Glass



## MATERIALS

**Housing** : Machined Aluminium - 6063 T5

**Heatsink** : Extruded Aluminium - 6063 T5

**Optics** : PMMA Low UGR Lens

## GENERAL

**Mounting** : Ceiling Recessed Trimless

**Heatsink Cooling** : Passive

**Environment** : Indoor

**Ingress Protection Rating** : IP20 (Front-IP44 Optional\*)

**Photobiological Safety** : RG 0 (No Risk)

## LED

**Lamp Source** : COB LED (LM80 Certified)

**Binning** : One Bin

**SDCM** : Macadam Step 3 (Step 1 & 2 on request\*)

**LED Life Hours** : >50,000 Hrs @ L70/B10

## DRIVER

**Type** : Constant Current - Non-Dim (Flicker Free)

**Surge Protection (L/N - PE)** : 2 KV

**Driver PF / ATHD** : >0.97 / <15%

**Service Life** : Up to 1,00,000 Hrs @ TC 60° Max

**Optional Drivers** : Dali, Dali DT-8 (TW), Phase Cut, 0-10V/1-10V Analogue, RF, Zigbee and Ble (mesh). (Casambi & DMX on request)

## TECHNICAL

**Power (W)** : 6W/9W/12W/15W

**CCT (K)** : 2700K/3000K/3500K/4000K/5000K

**Special CCT** : 2700K-6000K (Max 10W)

**CRI** : 90 (97 on request)

**Distribution** : Symmetric

**Input Voltage (V)** : 230V-240V

\*Contact Abner representative. Standard lead time to follow

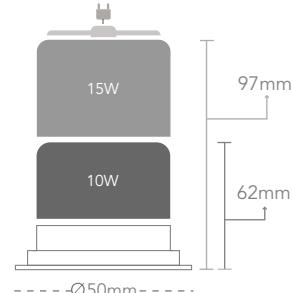
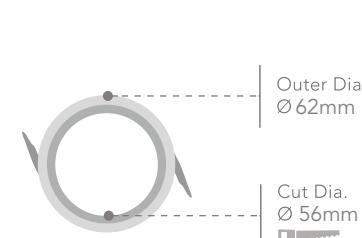
Halo-50	System Wattage	Driving Current (mA)/Voltage	Net Lumen* @90CRI			Net Lumen* @97CRI		
			3000K	3500K	4000K	3000K	3500K	4000K
	<b>6W</b>	150mA / 36V	450	468	480	390	402	414
	<b>9W</b>	200mA / 36V	675	702	720	585	603	621
	<b>12W</b>	300mA / 36V	900	936	960	780	804	828
	<b>15W</b>	350mA / 36V	1125	1170	1200	975	1005	1035

\*Net Lumen value is approximate.

## BOTTOM OPENABLE LOW HEIGHT FIXED LED DOWN LIGHT



Ø 56mm



## MATERIALS

**Housing** : Machined Aluminium - 6063 T5

**Heatsink** : Extruded Aluminium - 6063 T5

**Optics** : PMMA Low UGR Lens

## GENERAL

**Mounting** : Ceiling Recessed

**Heatsink Cooling** : Passive

**Environment** : Indoor

**Ingress Protection Rating** : IP20 (Front-IP44 Optional\*)

**Photobiological Safety** : RG 0 (No Risk)

## LED

**Lamp Source** : COB LED (LM80 Certified)

**Binning** : One Bin

**SDCM** : Macadam Step 3 (Step 1 & 2 on request\*)

**LED Life Hours** : >50,000 Hrs @ L70/B10

## DRIVER

**Type** : Constant Current - Non-Dim (Flicker Free)

**Surge Protection (L/N - PE)** : 2 KV

**Driver PF / ATHD** : >0.97 / <15%

**Service Life** : Up to 1,00,000 Hrs @ TC 60° Max

**Optional Drivers** : DALI, DALI DT-8 (TW), Phase Cut, 0-10V/1-10V Analogue, RF, Zigbee and BLE (mesh). (Casambi & DMX on request)

## TECHNICAL

**Power (W)** : 6W/9W/12W/15W

**CCT (K)** : 2700K/3000K/3500K/4000K/5000K

**Special CCT** : 2700K-6000K (Max 10W)

**CRI** : 90 (97 on request)

**Distribution** : Symmetric

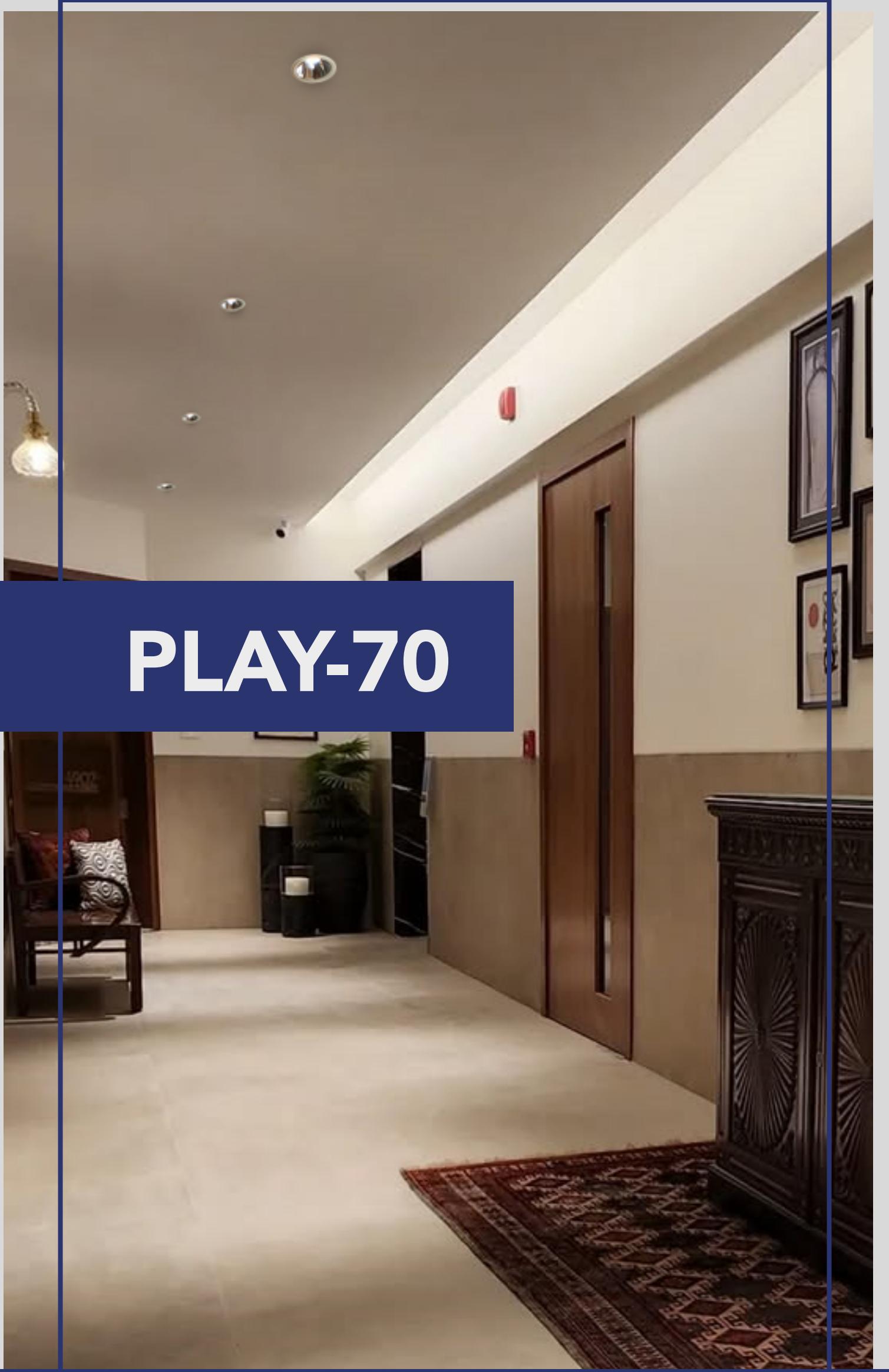
**Input Voltage (V)** : 230V-240V

\*Contact Abner representative. Standard lead time to follow

Sleek-50	System Wattage	Driving Current (mA)/Voltage	Net Lumen* @90CRI			Net Lumen* @97CRI		
			3000K	3500K	4000K	3000K	3500K	4000K
	<b>6W</b>	150mA / 36V	450	468	480	390	402	414
	<b>9W</b>	200mA / 36V	675	702	720	585	603	621
	<b>12W</b>	300mA / 36V	900	936	960	780	804	828
	<b>15W</b>	350mA / 36V	1125	1170	1200	975	1005	1035

\*Net Lumen value is approximate.





**PLAY-70**

**ABNER®**

**ONE™  
SERIES**

## BOTTOM OPENABLE ANTI-GLARE FIXED LED DOWN LIGHT

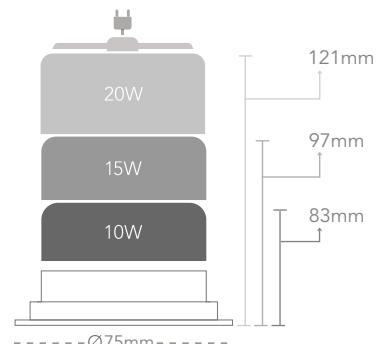
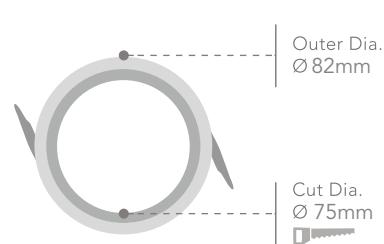


Ø 75mm

Pearl White

Titanium Black

Silver Chrome



## MATERIALS

**Housing** : Machined Aluminium - 6063 T5

**Heatsink** : Extruded Aluminium - 6063 T5

**Optics** : PMMA-TIR Lens (Low UGR)

## GENERAL

**Mounting** : Ceiling Recessed

**Heatsink Cooling** : Passive

**Environment** : Indoor

**Ingress Protection Rating** : IP20 (Front-IP44 Optional\*)

**Photobiological Safety** : RG 0 (No Risk)

## LED

**Lamp Source** : COB LED (LM80 Certified)

**Binning** : One Bin

**SDCM** : Macadam Step 3 (Step 1 & 2 on demand\*)

**LED Life Hours** : >50,000 Hrs @ L70/B10

## DRIVER

**Type** : Constant Current - Non-Dim (Flicker Free)

**Surge Protection (L/N - PE)** : 2KV

**Driver PF / ATHD** : >0.97 / <15%

**Service Life** : Up to 1,00,000 Hrs @ TC 60° Max

**Optional Drivers** : Dali, Dali DT-8 (TW), Phase Cut, 0-10V/1-10V Analogue, RF, Zigbee and Ble (mesh). (Casambi & DMX on request)

## TECHNICAL

**Power (W)** : 6W/9W/12W/15W/17W/20W

**CCT (K)** : 2700K/3000K/3500K/4000K/5000K/5700K

**Special CCT** : 2700K-6000K, 1800K-3000K, 1800K-4000K, Dim to Warm (RGB-CW on request)

**CRI** : 90 & 97

**Distribution** : Symmetric

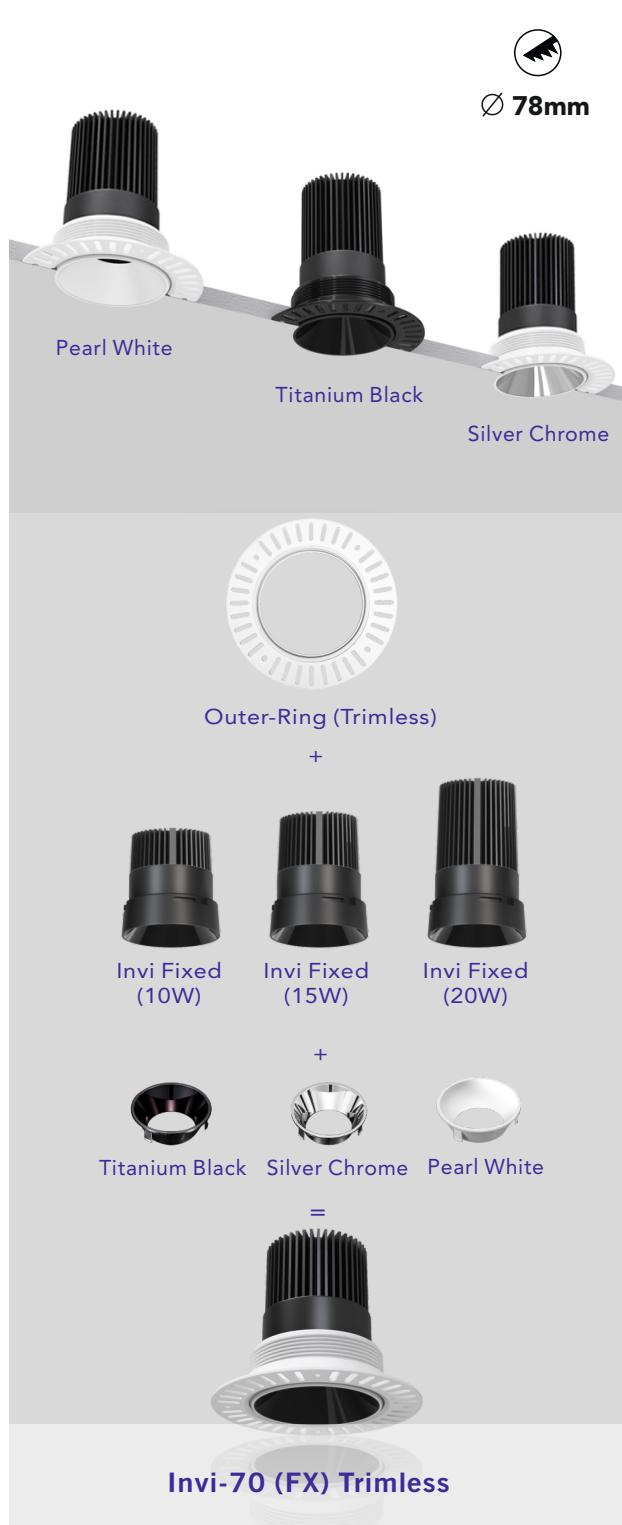
**Input Voltage (V)** : 230V-240V

\*Contact Abner representative. Standard lead time to follow

INVI-70 (FX)	System Wattage	Driving Current (mA)/Voltage	Net Lumen* @90CRI			Net Lumen* @97CRI		
			3000K	3500K	4000K	3000K	3500K	4000K
	<b>6W</b>	150mA / 36V	432	444	456	372	384	396
	<b>9W</b>	200mA / 36V	648	666	684	558	576	594
	<b>12W</b>	300mA / 36V	864	888	912	744	768	792
	<b>15W</b>	350mA / 36V	1080	1110	1140	930	960	990
	<b>17W</b>	400mA / 36V	1224	1258	1292	1054	1088	1122
	<b>20W</b>	500mA / 36V	1440	1480	1520	1240	1280	1320

\*Net Lumen value is approximate.

## BOTTOM OPENABLE ANTI-GLARE FIXED LED DOWN LIGHT



White/Black  
Special RAL colours  
on request



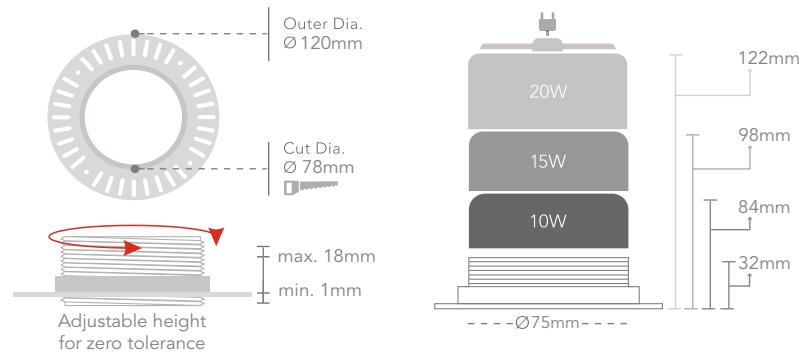
Beam Angle  
10°/15°/24°/36°/55°



Accessories  
Honeycomb Filter



IP-44 Glass



## MATERIALS

Housing	: Machined Aluminium - 6063 T5
Heatsink	: Extruded Aluminium - 6063 T5
Optics	: PMMA-TIR Lens (Low UGR)

## GENERAL

Mounting	: Ceiling Recessed Trimless
Heatsink Cooling	: Passive
Environment	: Indoor
Ingress Protection Rating	: IP20 (Front-IP44 Optional*)

Photobiological Safety	: RG 0 (No Risk)
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## LED

Lamp Source	: COB LED (LM80 Certified)
Binning	: One Bin
SDCM	: Macadam Step 3 (Step 1 & 2 on demand*)
LED Life Hours	: >50,000 Hrs @ L70/B10

## DRIVER

Type	: Constant Current - Non-Dim (Flicker Free)
Surge Protection (L/N - PE)	: 2KV
Driver PF / ATHD	: >0.97 / <15%
Service Life	: Up to 1,00,000 Hrs @ TC 60° Max

**Optional Drivers** : Dali, Dali DT-8 (TW), Phase Cut, 0-10V/1-10V Analogue, RF, Zigbee and Ble (mesh). (Casambi & DMX on request)

## TECHNICAL

Power (W)	: 6W/9W/12W/15W/17W/20W
CCT (K)	: 2700K/3000K/3500K/4000K/5000K/5700K
Special CCT	: 2700K-6000K, 1800K-3000K, 1800K-4000K, Dim to Warm (RGB-CW on request)
CRI	: 90 & 97
Distribution	: Symmetric

**Input Voltage (V)** : 230V-240V

\*Contact Abner representative. Standard lead time to follow

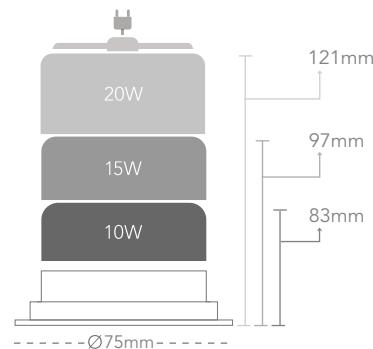
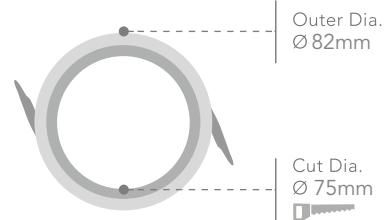
INVI-70 (FX)	System Wattage	Driving Current (mA)/Voltage	Net Lumen* @90CRI			Net Lumen* @97CRI		
			3000K	3500K	4000K	3000K	3500K	4000K
	<b>6W</b>	150mA / 36V	432	444	456	372	384	396
	<b>9W</b>	200mA / 36V	648	666	684	558	576	594
	<b>12W</b>	300mA / 36V	864	888	912	744	768	792
	<b>15W</b>	350mA / 36V	1080	1110	1140	930	960	990
	<b>17W</b>	400mA / 36V	1224	1258	1292	1054	1088	1122
	<b>20W</b>	500mA / 36V	1440	1480	1520	1240	1280	1320

\*Net Lumen value is approximate.

## BOTTOM OPENABLE ANTI-GLARE 25° ADJUSTABLE &amp; 360° ROTATABLE LED DOWN LIGHT



Ø 75mm  
25° Tilt



## MATERIALS

<b>Housing</b>	: Machined Aluminium - 6063 T5
<b>Heatsink</b>	: Extruded Aluminium - 6063 T5
<b>Optics</b>	: PMMA-TIR Lens (Low UGR)

## GENERAL

<b>Mounting</b>	: Ceiling Recessed
<b>Heatsink Cooling</b>	: Passive
<b>Environment</b>	: Indoor

**Ingress Protection Rating** : IP20 (Front-IP44 Optional\*)

<b>Photobiological Safety</b>	: RG 0 (No Risk)
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## LED

<b>Lamp Source</b>	: COB LED (LM80 Certified)
<b>Binning</b>	: One Bin
<b>SDCM</b>	: Macadam Step 3 (Step 1 & 2 on demand*)
<b>LED Life Hours</b>	: >50,000 Hrs @ L70/B10

## DRIVER

<b>Type</b>	: Constant Current - Non-Dim (Flicker Free)
<b>Surge Protection (L/N - PE)</b>	: 2KV
<b>Driver PF / ATHD</b>	: >0.97 / <15%
<b>Service Life</b>	: Up to 1,00,000 Hrs @ TC 60° Max
<b>Optional Drivers</b>	: DALI, DALI DT-8 (TW), Phase Cut, 0-10V/1-10V Analogue, RF, Zigbee and BLE (mesh). (Casambi & DMX on request)

## TECHNICAL

<b>Power (W)</b>	: 6W/9W/12W/15W/17W/20W
<b>CCT (K)</b>	: 2700K/3000K/3500K/4000K/5000K/5700K
<b>Special CCT</b>	: 2700K-6000K, 1800K-3000K, 1800K-4000K, Dim to Warm (RGB-CW on request)
<b>CRI</b>	: 90 & 97
<b>Distribution</b>	: Symmetric
<b>Input Voltage (V)</b>	: 230V-240V

\*Contact Abner representative. Standard lead time to follow

INVI-70 (ADJ)	System Wattage	Driving Current (mA)/Voltage	Net Lumen* @90CRI			Net Lumen* @97CRI		
			3000K	3500K	4000K	3000K	3500K	4000K
	<b>6W</b>	150mA / 36V	432	444	456	372	384	396
	<b>9W</b>	200mA / 36V	648	666	684	558	576	594
	<b>12W</b>	300mA / 36V	864	888	912	744	768	792
	<b>15W</b>	350mA / 36V	1080	1110	1140	930	960	990
	<b>17W</b>	400mA / 36V	1224	1258	1292	1054	1088	1122
	<b>20W</b>	500mA / 36V	1440	1480	1520	1240	1280	1320

\*Net Lumen value is approximate.

## BOTTOM OPENABLE ANTI-GLARE 25° ADJUSTABLE &amp; 360° ROTATABLE LED DOWN LIGHT



Beam Angle  
10°/15°/24°/36°/55°

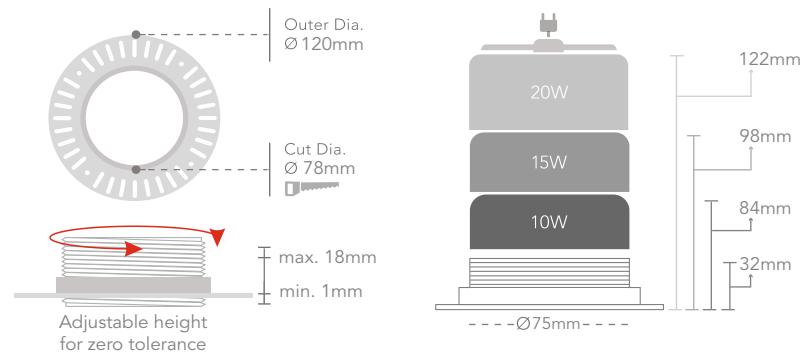
Adjustability  
25° Tiltable  
360° Rotatable

## Accessories

Honeycomb Filter

IP-44 Glass

White/Black  
Special RAL colours  
on request



## MATERIALS

**Housing** : Machined Aluminium - 6063 T5

**Heatsink** : Extruded Aluminium - 6063 T5

**Optics** : PMMA-TIR Lens (Low UGR)

## GENERAL

**Mounting** : Ceiling Recessed Trimless

**Heatsink Cooling** : Passive

**Environment** : Indoor

**Ingress Protection Rating** : IP20 (Front-IP44 Optional\*)

**Photobiological Safety** : RG 0 (No Risk)

## LED

**Lamp Source** : COB LED (LM80 Certified)

**Binning** : One Bin

**SDCM** : Macadam Step 3 (Step 1 & 2 on demand\*)

**LED Life Hours** : >50,000 Hrs @ L70/B10

## DRIVER

**Type** : Constant Current - Non-Dim (Flicker Free)

**Surge Protection (L/N - PE)** : 2kV

**Driver PF / ATHD** : >0.97 / <15%

**Service Life** : Up to 1,00,000 Hrs @ TC 60° Max

**Optional Drivers** : Dali, Dali DT-8 (TW), Phase Cut, 0-10V/1-10V Analogue, RF, Zigbee and Ble (mesh). (Casambi & DMX on request)

## TECHNICAL

**Power (W)** : 6W/9W/12W/15W/17W/20W

**CCT (K)** : 2700K/3000K/3500K/4000K/5000K/5700K

**Special CCT** : 2700K-6000K, 1800K-3000K, 1800K-4000K, Dim to Warm (RGB-CW on request)

**CRI** : 90 & 97

**Distribution** : Symmetric

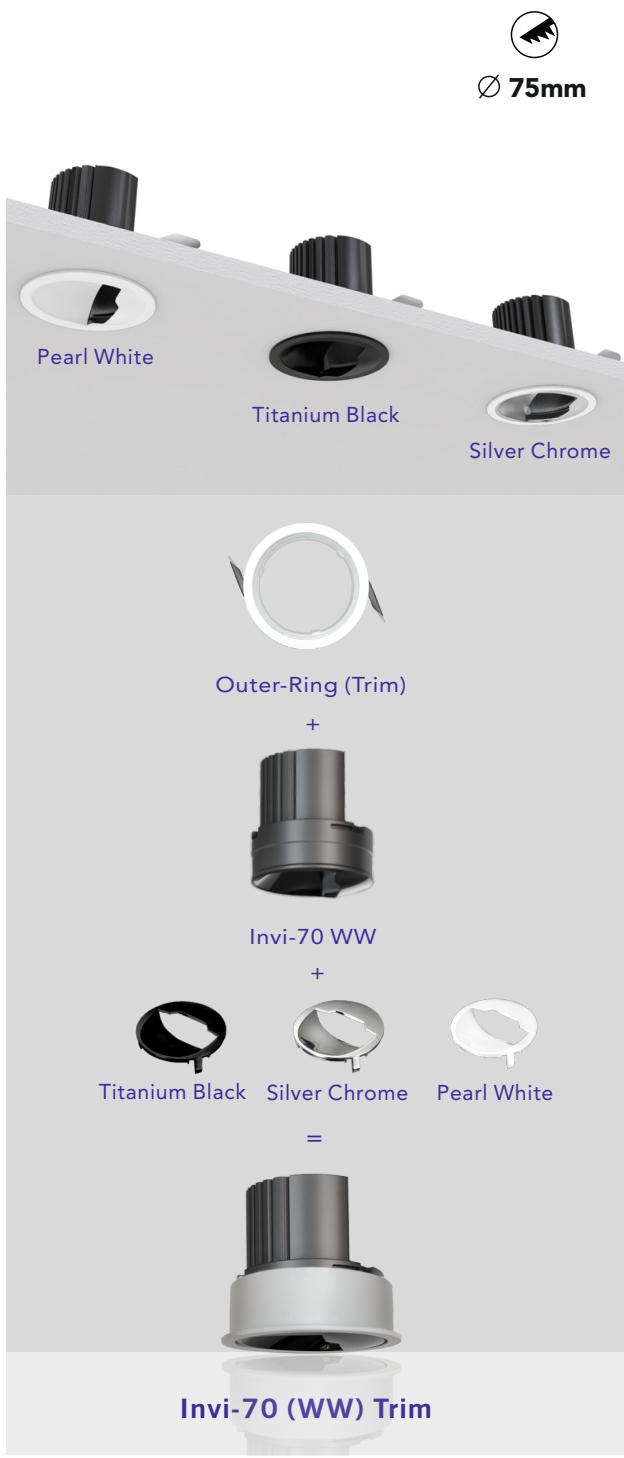
**Input Voltage (V)** : 230V-240V

\*Contact Abner representative. Standard lead time to follow

INVI-70 (ADJ)	System Wattage	Driving Current (mA)/Voltage	Net Lumen* @90CRI			Net Lumen* @97CRI		
			3000K	3500K	4000K	3000K	3500K	4000K
	<b>6W</b>	150mA / 36V	432	444	456	372	384	396
	<b>9W</b>	200mA / 36V	648	666	684	558	576	594
	<b>12W</b>	300mA / 36V	864	888	912	744	768	792
	<b>15W</b>	350mA / 36V	1080	1110	1140	930	960	990
	<b>17W</b>	400mA / 36V	1224	1258	1292	1054	1088	1122
	<b>20W</b>	500mA / 36V	1440	1480	1520	1240	1280	1320

\*Net Lumen value is approximate.

## BOTTOM OPENABLE ANTI-GLARE (ASYMMETRICAL WALL WASHER) LIGHT



## MATERIALS

<b>Housing</b>	: Machined Aluminium - 6063 T5
<b>Heatsink</b>	: Extruded Aluminium - 6063 T5
<b>Optics</b>	: PC Leaf Technology Reflector (Assy)

## GENERAL

<b>Mounting</b>	: Ceiling Recessed
<b>Heatsink Cooling</b>	: Passive
<b>Environment</b>	: Indoor
<b>Ingress Protection Rating :</b> IP20	
<b>Photobiological Safety</b>	: RG 0 (No Risk)

## LED

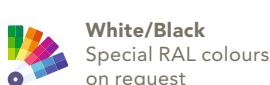
<b>Lamp Source</b>	: COB LED (LM80 Certified)
<b>Binning</b>	: One Bin
<b>SDCM</b>	: Macadam Step 3 (Step 1 & 2 on demand*)
<b>LED Life Hours</b>	: >50,000 Hrs @ L70/B10

## DRIVER

<b>Type</b>	: Constant Current - Non-Dim (Flicker Free)
<b>Surge Protection (L/N - PE)</b>	: 2kV
<b>Driver PF / ATHD</b>	: >0.97 / <15%
<b>Service Life</b>	: Up to 1,00,000 Hrs @ TC 60° Max
<b>Optional Drivers</b>	: DALI, DALI DT-8 (TW), Phase Cut, 0-10V/1-10V Analogue, RF, Zigbee and BLE (mesh). (Casambi & DMX on request)

## TECHNICAL

<b>Power (W)</b>	: 6W/9W/12W/15W
<b>CCT (K)</b>	: 2700K/3000K/3500K/4000K/5000K
<b>Special CCT</b>	: 2700-6000K (10W max)
<b>CRI</b>	: 90 & 97
<b>Beam Angle</b>	: Asymmetric
<b>Input Voltage (V)</b>	: 230V-240V

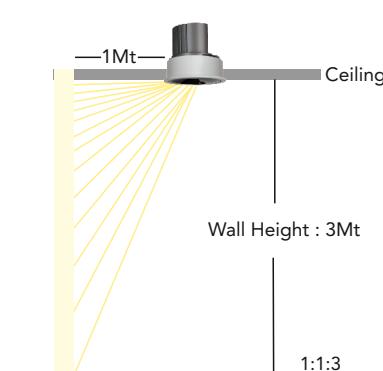
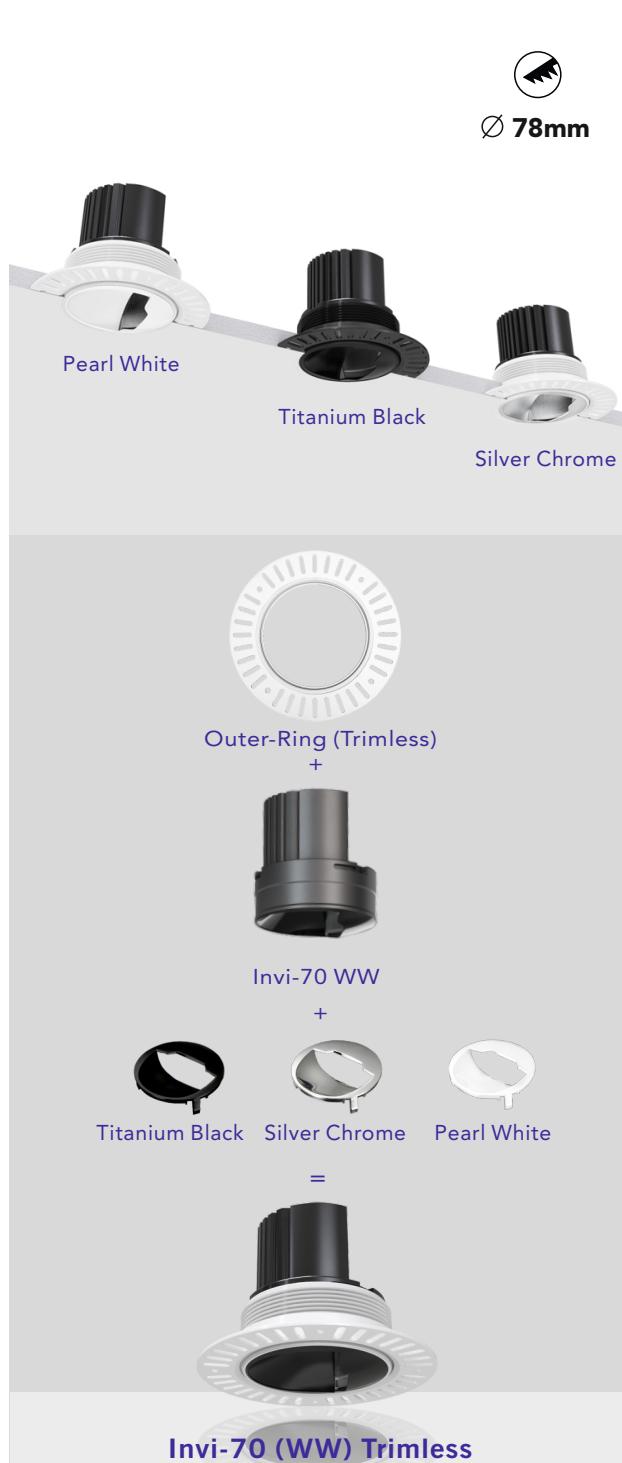


\*Contact Abner representative. Standard lead time to follow.

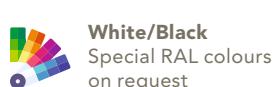
INVI-70 (WW)	System Wattage	Driving Current (mA)/Voltage	Net Lumen @90CRI			Net Lumen @97CRI		
			3000K	3500K	4000K	3000K	3500K	4000K
	<b>6W</b>	150mA / 36V	402	420	438	336	348	360
	<b>9W</b>	200mA / 36V	603	630	657	504	522	540
	<b>12W</b>	300mA / 36V	804	840	876	672	696	720
	<b>15W</b>	350mA / 36V	1005	1050	1095	840	870	900

\*Net Lumen value is approximate.

## BOTTOM OPENABLE ANTI-GLARE (ASYMMETRICAL WALL WASHER) LIGHT



INVI-70 (WW)	System Wattage	Driving Current (mA)/Voltage	Net Lumen @90CRI			Net Lumen* @97CRI		
			3000K	3500K	4000K	3000K	3500K	4000K
	<b>6W</b>	150mA / 36V	402	420	438	336	348	360
	<b>9W</b>	200mA / 36V	603	630	657	504	522	540
	<b>12W</b>	300mA / 36V	804	840	876	672	696	720
	<b>15W</b>	350mA / 36V	1005	1050	1095	840	870	900



\*Contact Abner representative. Standard lead time to follow

## BOTTOM OPENABLE DEEP RECESSED FIXED LED DOWN LIGHT



White/Black  
Special RAL colours  
on request

Beam Angle  
10°/15°/24°/36°/55°

Accessories  
Honeycomb Filter      IP-44 Glass

## MATERIALS

Housing	: Machined Aluminium - 6063 T5
Heatsink	: Extruded Aluminium - 6063 T5
Optics	: PMMA Low UGR Lens

## GENERAL

Mounting	: Ceiling Recessed
Heatsink Cooling	: Passive
Environment	: Indoor
<b>Ingress Protection Rating</b> : IP20 (Front-IP44 Optional*)	
Photobiological Safety	: RG 0 (No Risk)

## LED

Lamp Source	: COB LED (LM80 Certified)
Binning	: One Bin
SDCM	: Macadam Step 3 (Step 1 & 2 on demand*)
LED Life Hours	: >50,000 Hrs @ L70/B10

## DRIVER

Type	: Constant Current - Non-Dim (Flicker Free)
<b>Surge Protection (L/N - PE)</b> : 2KV	
Driver PF / ATHD	: >0.97 / <15%
Service Life	: Up to 1,00,000 Hrs @ TC 60° Max
Optional Drivers	: DALI, DALI DT-8 (TW), Phase Cut, 0-10V/1-10V Analogue, RF, Zigbee and BLE (mesh). (Casambi & DMX on request)

## TECHNICAL

Power (W)	: 6W/9W/12W/15W/17W/20W
CCT (K)	: 2700K/3000K/3500K/4000K/5000K/5700K
Special CCT	: 2700K-6000K, 1800K-3000K, 1800K-4000K, Dim to Warm (RGB-CW on request)
CRI	: 90 & 97
Distribution	: Symmetric
Input Voltage (V)	: 230V-240V

\*Contact Abner representative. Standard lead time to follow.

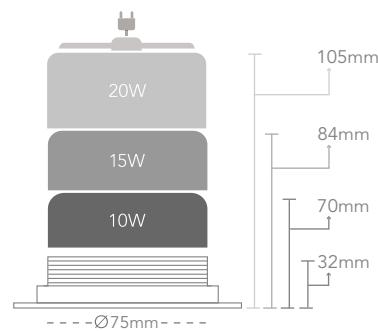
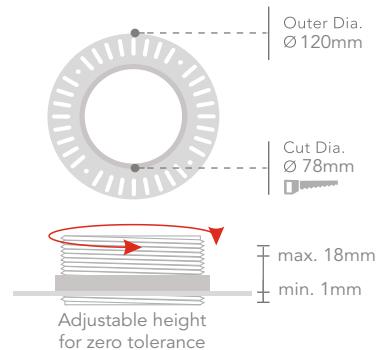
HALO-70	System Wattage	Driving Current (mA)/Voltage	Net Lumen* @90CRI			Net Lumen* @97CRI		
			3000K	3500K	4000K	3000K	3500K	4000K
	<b>6W</b>	150mA / 36V	480	492	504	414	426	438
	<b>9W</b>	200mA / 36V	720	738	756	621	639	657
	<b>12W</b>	300mA / 36V	960	984	1008	828	852	876
	<b>15W</b>	350mA / 36V	1200	1230	1260	1035	1065	1095
	<b>17W</b>	400mA / 36V	1360	1394	1428	1173	1207	1241
	<b>20W</b>	500mA / 36V	1600	1640	1680	1380	1420	1460

\*Net Lumen value is approximate.

## BOTTOM OPENABLE DEEP RECESSED FIXED LED DOWN LIGHT



Ø 78mm



## MATERIALS

<b>Housing</b>	: Machined Aluminium - 6063 T5
<b>Heatsink</b>	: Extruded Aluminium - 6063 T5
<b>Optics</b>	: PMMA Low UGR Lens

## GENERAL

<b>Mounting</b>	: Ceiling Recessed Trimless
<b>Heatsink Cooling</b>	: Passive
<b>Environment</b>	: Indoor
<b>Ingress Protection Rating</b> : IP20 (Front-IP44 Optional*)	
<b>Photobiological Safety</b>	: RG 0 (No Risk)

## LED

<b>Lamp Source</b>	: COB LED (LM80 Certified)
<b>Binning</b>	: One Bin
<b>SDCM</b>	: Macadam Step 3 (Step 1 & 2 on demand*)
<b>LED Life Hours</b>	: >50,000 Hrs @ L70/B10

## DRIVER

<b>Type</b>	: Constant Current - Non-Dim (Flicker Free)
<b>Surge Protection (L/N - PE)</b>	: 2kV
<b>Driver PF / ATHD</b>	: >0.97 / <15%
<b>Service Life</b>	: Up to 1,00,000 Hrs @ TC 60° Max

**Optional Drivers** : Dali, Dali DT-8 (TW), Phase Cut, 0-10V/1-10V Analogue, RF, Zigbee and Ble (mesh). (Casambi & DMX on request)

## TECHNICAL

<b>Power (W)</b>	: 6W/9W/12W/15W/17W/20W
<b>CCT (K)</b>	: 2700K/3000K/3500K/4000K/5000K/5700K
<b>Special CCT</b>	: 2700K-6000K, 1800K-3000K, 1800K-4000K, Dim to Warm (RGB-CW on request)
<b>CRI</b>	: 90 & 97
<b>Distribution</b>	: Symmetric

<b>Input Voltage (V)</b>	: 230V-240V
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\*Contact Abner representative. Standard lead time to follow

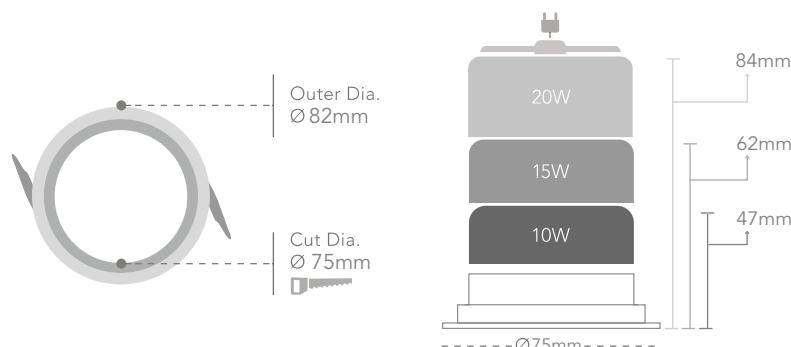
HALO-70	System Wattage	Driving Current (mA)/Voltage	Net Lumen* @90CRI			Net Lumen* @97CRI		
			3000K	3500K	4000K	3000K	3500K	4000K
	<b>6W</b>	150mA / 36V	480	492	504	414	426	438
	<b>9W</b>	200mA / 36V	720	738	756	621	639	657
	<b>12W</b>	300mA / 36V	960	984	1008	828	852	876
	<b>15W</b>	350mA / 36V	1200	1230	1260	1035	1065	1095
	<b>17W</b>	400mA / 36V	1360	1394	1428	1173	1207	1241
	<b>20W</b>	500mA / 36V	1600	1640	1680	1380	1420	1460

\*Net Lumen value is approximate.

## BOTTOM OPENABLE LOW HEIGHT FIXED LED DOWN LIGHT



Ø 75mm



## MATERIALS

**Housing** : Machined Aluminium - 6063 T5

**Heatsink** : Extruded Aluminium - 6063 T5

**Optics** : PMMA Low UGR Lens

## GENERAL

**Mounting** : Ceiling Recessed

**Heatsink Cooling** : Passive

**Environment** : Indoor

**Ingress Protection Rating** : IP20 (Front-IP44 Optional\*)

**Photobiological Safety** : RG 0 (No Risk)

## LED

**Lamp Source** : COB LED (LM80 Certified)

**Binning** : One Bin

**SDCM** : Macadam Step 3 (Step 1 & 2 on demand\*)

**LED Life Hours** : >50,000 Hrs @ L70/B10

## DRIVER

**Type** : Constant Current - Non-Dim (Flicker Free)

**Surge Protection (L/N - PE)** : 2kV

**Driver PF / ATHD** : >0.97 / <15%

**Service Life** : Up to 1,00,000 Hrs @ TC 60° Max

**Optional Drivers** : Dali, Dali DT-8 (TW), Phase Cut, 0-10V/1-10V Analogue, RF, Zigbee and Ble (mesh). (Casambi & DMX on request)

## TECHNICAL

**Power (W)** : 6W/9W/12W/15W/17W/20W

**CCT (K)** : 2700K/3000K/3500K/4000K/5000K/5700K

**Special CCT** : 2700K-6000K, 1800K-3000K, 1800K-4000K, Dim to Warm (RGB-CW on request)

**CRI** : 90 & 97

**Distribution** : Symmetric

**Input Voltage (V)** : 230V-240V

\*Contact Abner representative. Standard lead time to follow

SLEEK-70	System Wattage	Driving Current (mA)/Voltage	Net Lumen* @90CRI			Net Lumen* @97CRI		
			3000K	3500K	4000K	3000K	3500K	4000K
	6W	150mA / 36V	480	492	504	414	426	438
	9W	200mA / 36V	720	738	756	621	639	657
	12W	300mA / 36V	960	984	1008	828	852	876
	15W	350mA / 36V	1200	1230	1260	1035	1065	1095
	17W	400mA / 36V	1360	1394	1428	1173	1207	1241
	20W	500mA / 36V	1600	1640	1680	1380	1420	1460

\*Net Lumen value is approximate.

## BOTTOM OPENABLE LOW HEIGHT FIXED LED DOWN LIGHT



**White/Black**  
Special RAL colours  
on request



**Beam Angle**  
10°/15°/24°/36°/55°



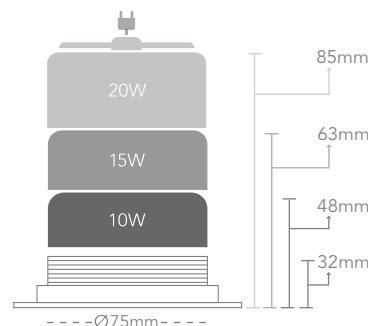
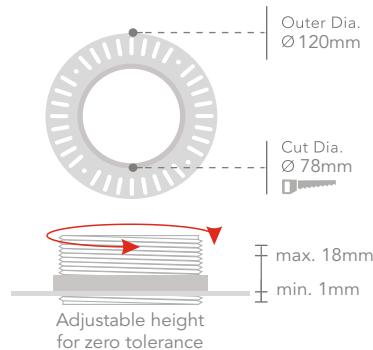
**Accessories**

Honeycomb Filter



IP-44 Glass

Ø 78mm



## MATERIALS

**Housing** : Machined Aluminium - 6063 T5

**Heatsink** : Extruded Aluminium - 6063 T5

**Optics** : PMMA Low UGR Lens

## GENERAL

**Mounting** : Ceiling Recessed Trimless

**Heatsink Cooling** : Passive

**Environment** : Indoor

**Ingress Protection Rating** : IP20 (Front-IP44 Optional\*)

**Photobiological Safety** : RG 0 (No Risk)

## LED

**Lamp Source** : COB LED (LM80 Certified)

**Binning** : One Bin

**SDCM** : Macadam Step 3 (Step 1 & 2 on demand\*)

**LED Life Hours** : >50,000 Hrs @ L70/B10

## DRIVER

**Type** : Constant Current - Non-Dim (Flicker Free)

**Surge Protection (L/N - PE)** : 2kV

**Driver PF / ATHD** : >0.97 / <15%

**Service Life** : Up to 1,00,000 Hrs @ TC 60° Max

**Optional Drivers** : Dali, Dali DT-8 (TW), Phase Cut, 0-10V/1-10V Analogue, RF, Zigbee and Ble (mesh). (Casambi & DMX on request)

## TECHNICAL

**Power (W)** : 6W/9W/12W/15W/17W/20W

**CCT (K)** : 2700K/3000K/3500K/4000K/5000K/5700K

**Special CCT** : 2700K-6000K, 1800K-3000K, 1800K-4000K, Dim to Warm (RGB-CW on request)

**CRI** : 90 & 97

**Distribution** : Symmetric

**Input Voltage (V)** : 230V-240V

\*Contact Abner representative. Standard lead time to follow

SLEEK-70	System Wattage	Driving Current (mA)/Voltage	Net Lumen* @90CRI			Net Lumen* @97CRI		
			3000K	3500K	4000K	3000K	3500K	4000K
	<b>6W</b>	150mA / 36V	480	492	504	414	426	438
	<b>9W</b>	200mA / 36V	720	738	756	621	639	657
	<b>12W</b>	300mA / 36V	960	984	1008	828	852	876
	<b>15W</b>	350mA / 36V	1200	1230	1260	1035	1065	1095
	<b>17W</b>	400mA / 36V	1360	1394	1428	1173	1207	1241
	<b>20W</b>	500mA / 36V	1600	1640	1680	1380	1420	1460

\*Net Lumen value is approximate.

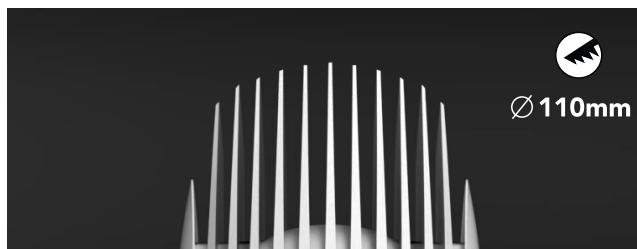
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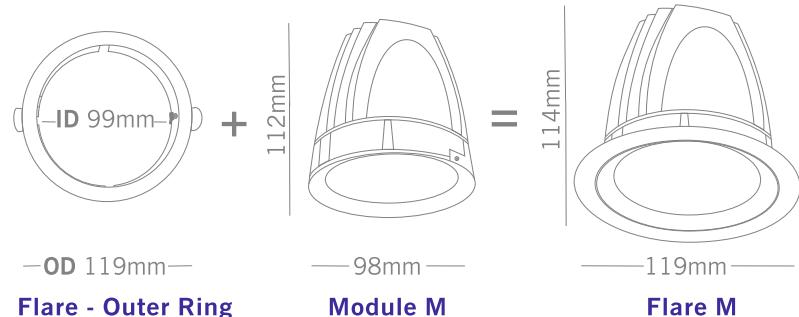
ABNER®

ONE™  
SERIES

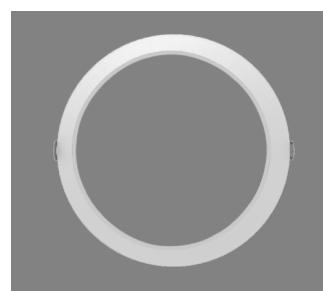
## FLARE M - FIXED LED DOWN LIGHT



Functionally designed high efficacy, bottom openable  
Fixed LED Down Light luminaire



Cut-out size : Dia 110mm



Flare - Outer Ring



Module M

## MATERIALS

**Housing/Heatsink:**  
Aluminium Die Cast - ADC 12  
**Reflector:**  
PC - Vacuum metalized  
**Body Finish:**  
Powder Coated (Akzo Nobel)  
White & Black

## TECHNICAL

**Power (W):**  
20W/24W/28W/  
32W/35W  
**CCT (K):**  
3000/3500/4000/  
5000/5700K  
TW: 27000-6000K  
**CRI:**  
> 80 & >90

**Beam Angle (Deg):**  
15°/24°/36°/60°/Diffused  
**Distribution:**  
Symmetric  
**Input Voltage (V):**  
230-240V



White/Black  
Special RAL colours  
on request

## LED

**Lamp Source:**  
COB LED (LM80 Certified)  
**Binning:**  
One Bin  
**SDCM:**  
Macadam Step 2 & 3  
**LED Life Hours:**  
>50,000 Hrs @ L70/B10

## DRIVER

**Type:**  
Constant Current  
Non Dimmable  
**Feature:**  
Input over/under  
Voltage Cutoff  
440V Sustenance  
Thermal Foldback  
at max Tc  
**Surge Protection (L-N):**  
2KV / 4 KV

**Driver PF:**  
>0.95  
**Driver THD:**  
<10%  
**Ripple Current:**  
Less than 5  
**Optional:**  
Dali, Phase Cut  
1-10V Analogue  
RF-Dim, BLE,  
Casambi & Zig Bee

## GENERAL

**Mounting:**  
Ceiling Recessed  
**Heatsink Cooling:**  
Passive  
**Environment:**  
Indoor  
**Ingress Rating:**  
IP20

**Operating Temp:**  
0 to 50° C  
**Appliance Class:**  
Class 2  
**Photobiological Safety:**  
RG 0 (No Risk)

Flare M DL = Flare-Outer Ring + Module M needs to be ordered to complete an entire lighting unit

MODULE M	System Wattage	Driving Current (mA) / Voltage	Net Lumen @90CRI			Net Lumen @80CRI		
			3000K	3500K	4000K	3000K	3500K	4000K
	<b>20W</b>	500mA / 36V	1880	1960	2040	2080	2140	2240
	<b>24W</b>	600mA / 36V	2256	2352	2448	2496	2568	2688
	<b>28W</b>	700mA / 36V	2538	2646	2754	2808	2889	3024
	<b>32W</b>	800mA / 36V	2914	3036	3162	3224	3317	3472
	<b>35W</b>	850mA / 36V	3140	3284	3428	3500	3644	3788

## FLARE L - FIXED LED DOWN LIGHT



Functionally designed high efficacy, bottom openable  
Fixed LED Down Light luminaire

Flare - Outer Ring

Module L

## MATERIALS

**Housing:** Aluminium Die Cast - ADC 12

**Heatsink:** Aluminium Extruded - AL 6063-T5

**Reflector:**

PC - Vacuum metalized

**Body Finish:**

Powder Coated (Akzo Nobel)  
White & Black

## TECHNICAL

**Power (W):**

36W/40W/42W/45W

**CCT (K):**

3000/3500/4000/

5000/5700K

TW: 27000-6000K

**CRI:**

> 80 & > 90

**Beam Angle (Deg):**

15°/24°/36°/60°/Diffused

**Distribution:**

Symmetric

**Input Voltage (V):**

230-240V



**White/Black**  
Special RAL colours  
on request

## LED

**Lamp Source:**  
COB LED (LM80 Certified)

**Binning:**  
One Bin

**SDCM:**  
Macadam Step 2 & 3

**LED Life Hours:**  
>50,000 Hrs @ L70/B10

## DRIVER

**Type:**  
Constant Current  
Non Dimmable

**Feature:**  
Input over/under  
Voltage Cutoff

440V Sustenance  
Thermal Foldback  
at max Tc

**Surge Protection (L-N):**  
2KV / 4 KV

**Driver PF:**

>0.95

**Driver THD:**

<10%

**Ripple Current:**

Less than 5

**Optional:**

Dali, Phase Cut  
1-10V Analogue  
RF-Dim, BLE,  
Casambi & Zig Bee

## GENERAL

**Mounting:**

Ceiling Recessed

**Heatsink Cooling:**  
Passive

**Environment:**  
Indoor

**Ingress Rating:**  
IP20

**Operating Temp:**

0 to 50° C

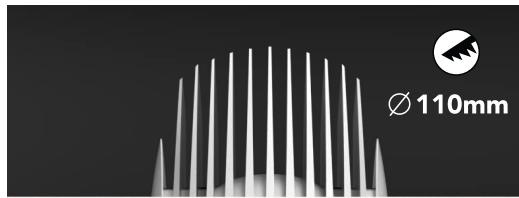
**Appliance Class:**  
Class 2

**Photobiological Safety:**  
RG 0 (No Risk)

**Flare L DL** = Flare-Outer Ring + Module L needs to be ordered to complete an entire lighting unit

MODULE L	System Wattage	Driving Current (mA) / Voltage	Net Lumen @90CRI			Net Lumen @80CRI		
			3000K	3500K	4000K	3000K	3500K	4000K
	<b>36W</b>	900mA / 36V	3240	3384	3528	3600	3744	3888
	<b>40W</b>	1000mA / 36V	3600	3760	3920	4000	4160	4320
	<b>42W</b>	1050mA / 36V	3780	3948	4116	4200	4368	4536
	<b>45W</b>	1100mA / 36V	3880	4048	4225	4400	4600	4887

## FLARE AG - FIXED LED DOWN LIGHT



Functionally designed high efficacy, bottom openable Anti-Glare Fixed LED Down Light luminaire



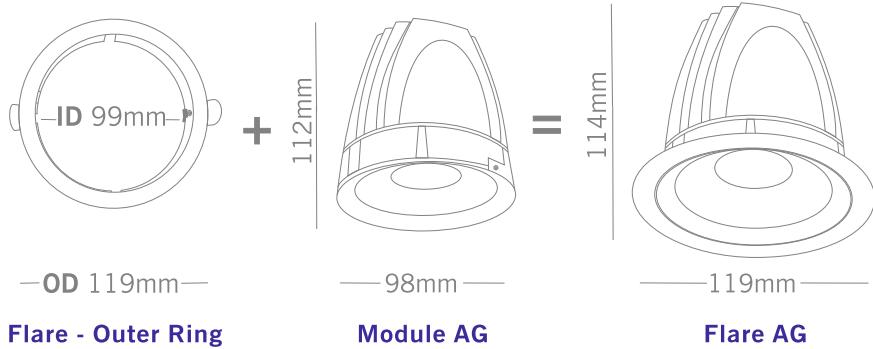
Titanium Black



Silver Chrome



Pearl White



Flare - Outer Ring



Module AG

Cut-out size : Dia 110mm

## MATERIALS

**Housing/Heatsink:**  
Aluminium Die Cast - ADC 12  
**Optics:**  
TIR Low UGR Lens - PMMA  
**Body Finish:**  
Powder Coated (Akzo Nobel)  
White & Black

## TECHNICAL

**Power (W):**  
20W/25W/28W/  
32W  
**CCT (K):**  
3000/3500/4000/  
5000/5700K  
TW: 27000-6000K  
**CRI:**  
> 80 & >90

**Beam Angle (Deg):**  
15°/24°/36°/55°  
**Distribution:**  
Symmetric  
**Input Voltage (V):**  
230-240V



White/Black  
Special RAL colours  
on request

## LED

**Lamp Source:**  
COB LED (LM80 Certified)  
**Binning:**  
One Bin  
**SDCM:**  
Macadam Step 2 & 3  
**LED Life Hours:**  
>50,000 Hrs @ L70/B10

## DRIVER

**Type:**  
Constant Current  
Non Dimmable  
**Feature:**  
Input over/under  
Voltage Cutoff  
440V Sustenance  
Thermal Foldback  
at max Tc  
**Surge Protection (L-N):**  
2KV / 4 KV

**Driver PF:**  
>0.95  
**Driver THD:**  
<10%  
**Ripple Current:**  
Less than 5  
**Optional:**  
Dali, Phase Cut  
1-10V Analogue  
RF-Dim, BLE,  
Casambi & Zig Bee

## GENERAL

**Mounting:**  
Ceiling Recessed  
**Heatsink Cooling:**  
Passive  
**Environment:**  
Indoor  
**Ingress Rating:**  
IP20

**Operating Temp:**  
0 to 50° C  
**Appliance Class:**  
Class 2  
**Photobiological Safety:**  
RG 0 (No Risk)

**Flare AG DL** = Flare-Outer Ring + Module AG along with Front Reflector  
needs to be ordered to complete an entire lighting unit

MODULE AG	System Wattage	Driving Current (mA) / Voltage	Net Lumen @90CRI			Net Lumen @80CRI		
			3000K	3500K	4000K	3000K	3500K	4000K
	<b>20W</b>	500 mA / 36V	1600	1640	1700	1880	1900	1940
	<b>25W</b>	600 mA / 36V	2000	2050	2125	2350	2375	2425
	<b>28W</b>	700 mA / 36V	2240	2296	2380	2632	2660	2716
	<b>32W</b>	800 mA / 36V	2560	2624	2750	3008	3040	3104

**RIO M - ADJUSTABLE LED DOWN LIGHT****Cut-out size : Dia 125mm**

Functionally designed high efficacy, bottom openable,  
Adjustable and Multi-swivel LED Down Light luminaire

**MATERIALS**

**Housing/Heatsink:**  
Aluminium Die Cast - ADC 12

**Reflector:**  
PC - Vacuum metalized

**Body Finish:**  
Powder Coated (Akzo Nobel)  
White & Black

**TECHNICAL**

**Power (W):**  
20W/24W/28W/  
32W/35W

**CCT (K):**  
3000/3500/4000/  
5000/5700K  
TW: 27000-6000K

**CRI:**  
> 80 & >90

**Beam Angle (Deg):**  
15°/24°/36°/60°/Diffused

**Distribution:**  
Symmetric

**Input Voltage (V):**  
230-240V



**Tilting Angle**  
30° Tiltable &  
350° Multi-Swivel



**White/Black**  
Special RAL colours  
on request

**LED**

**Lamp Source:**  
COB LED (LM80 Certified)

**Binning:**  
One Bin

**SDCM:**  
Macadam Step 2 & 3

**LED Life Hours:**  
>50,000 Hrs @ L70/B10

**DRIVER**

**Type:**  
Constant Current  
Non Dimmable

**Feature:**  
Input over/under  
Voltage Cutoff  
440V Sustenance  
Thermal Foldback  
at max Tc

**Surge Protection (L-N):**  
2KV / 4 KV

**Driver PF:**  
>0.95

**Driver THD:**  
<10%

**Ripple Current:**  
Less than 5

**Optional:**  
Dali, Phase Cut  
1-10V Analogue  
RF-Dim, BLE,  
Casambi & Zig Bee

**GENERAL**

**Mounting:**  
Ceiling Recessed

**Heatsink Cooling:**  
Passive

**Environment:**  
Indoor

**Ingress Rating:**  
IP20

**Operating Temp:**  
0 to 50° C

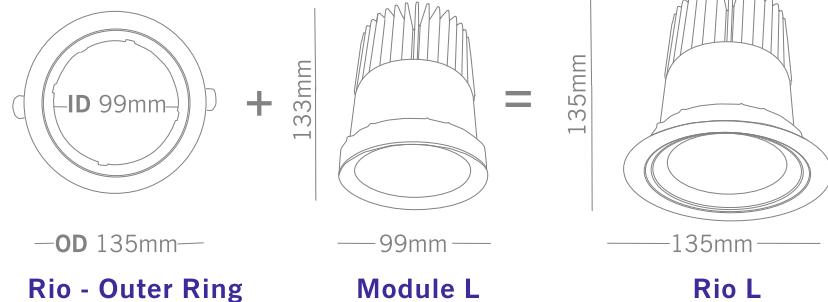
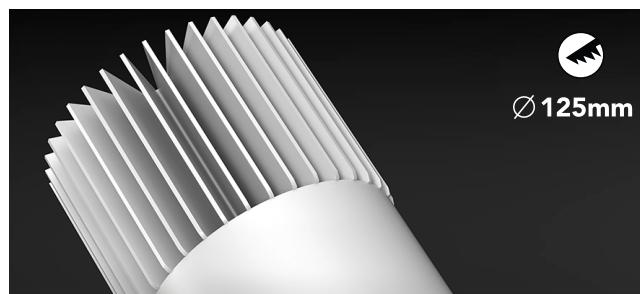
**Appliance Class:**  
Class 2

**Photobiological Safety:**  
RG 0 (No Risk)

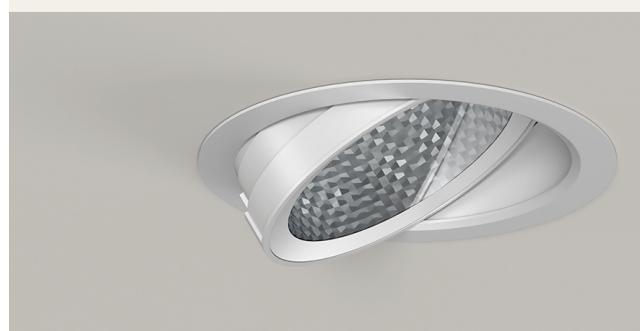
**Rio M DL** = Rio-Outer Ring + Module M needs to be ordered to complete an entire lighting unit

MODULE M	System Wattage	Driving Current (mA) / Voltage	Net Lumen @90CRI			Net Lumen @80CRI		
			3000K	3500K	4000K	3000K	3500K	4000K
	<b>20W</b>	500mA / 36V	1880	1960	2040	2080	2140	2240
	<b>24W</b>	600mA / 36V	2256	2352	2448	2496	2568	2688
	<b>28W</b>	700mA / 36V	2538	2646	2754	2808	2889	3024
	<b>32W</b>	800mA / 36V	2914	3036	3162	3224	3317	3472
	<b>35W</b>	850mA / 36V	3140	3284	3428	3500	3644	3788

## RIO L - ADJUSTABLE LED DOWN LIGHT



Cut-out size : Dia 125mm



Functionally designed high efficacy, bottom openable,  
Adjustable and Multi-swivel LED Down Light luminaire

**MATERIALS**

**Housing:** Aluminium Die Cast - ADC 12  
**Heatsink:** Aluminium Extruded - AL 6063-T5  
**Reflector:** PC - Vacuum metalized  
**Body Finish:** Powder Coated (Akzo Nobel) White & Black

**TECHNICAL**

**Power (W):** 36W/40W/42W/45W  
**CCT (K):** 3000/3500/4000/5000/5700K  
**TW:** 27000-6000K  
**CRI:** > 80 & >90

**Beam Angle (Deg):** 15°/24°/36°/60°/Diffused  
**Distribution:** Symmetric  
**Input Voltage (V):** 230-240V



**Tilting Angle**  
30° Tiltable & 350° Multi-Swivel



**White/Black**  
Special RAL colours on request

**LED**

**Lamp Source:** COB LED (LM80 Certified)  
**Binning:** One Bin  
**SDCM:** Macadam Step 2 & 3  
**LED Life Hours:** >50,000 Hrs @ L70/B10

**DRIVER**

**Type:** Constant Current Non Dimmable  
**Feature:** Input over/under Voltage Cutoff 440V Sustenance Thermal Foldback at max Tc  
**Surge Protection (L-N):** 2KV / 4 KV

**Driver PF:** >0.95  
**Driver THD:** <10%  
**Ripple Current:** Less than 5  
**Optional:** Dali, Phase Cut 1-10V Analogue RF-Dim, BLE, Casambi & Zig Bee

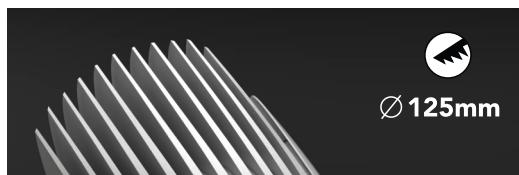
**GENERAL**

**Mounting:** Ceiling Recessed  
**Heatsink Cooling:** Passive  
**Environment:** Indoor  
**Ingress Rating:** IP20

**Operating Temp:** 0 to 50° C  
**Appliance Class:** Class 2  
**Photobiological Safety:** RG 0 (No Risk)

**Rio L DL** = Rio-Outer Ring + Module L needs to be ordered to complete an entire lighting unit

MODULE L	System Wattage	Driving Current (mA) / Voltage	Net Lumen @90CRI			Net Lumen @80CRI		
			3000K	3500K	4000K	3000K	3500K	4000K
	<b>36W</b>	900mA / 36V	3240	3384	3528	3600	3744	3888
	<b>40W</b>	1000mA / 36V	3600	3760	3920	4000	4160	4320
	<b>42W</b>	1050mA / 36V	3780	3948	4116	4200	4368	4536
	<b>45W</b>	1100mA / 36V	3880	4048	4225	4400	4600	4887

**RIO AG - ADJUSTABLE LED DOWN LIGHT**

**Functionally designed high efficacy, bottom openable, Adjustable and Multi-swivel Anti-glare LED Down Light luminaire**



Titanium Black

Silver Chrome

Pearl White



Rio - Outer Ring

Module M

Tilting Angle

**Cut-out size : Dia 125mm**

**MATERIALS**

**Housing/Heatsink:**  
Aluminium Die Cast - ADC 12  
**Optics:**  
TIR Low UGR Lens - PMMA  
**Body Finish:**  
Powder Coated (Akzo Nobel)  
White & Black

**TECHNICAL**

**Power (W):**  
20W/25W/28W/  
32W  
**CCT (K):**  
3000/3500/4000/  
5000/5700K  
TW: 27000-6000K  
**CRI:**  
> 80 & >90

**Beam Angle (Deg):**  
15°/24°/36°/55°  
**Distribution:**  
Symmetric  
**Input Voltage (V):**  
230-240V



**Tilting Angle**  
30° Tiltable &  
350° Multi-Swivel



**White/Black**  
Special RAL colours  
on request

**LED**

**Lamp Source:**  
COB LED (LM80 Certified)  
**Binning:**  
One Bin  
**SDCM:**  
Macadam Step 2 & 3  
**LED Life Hours:**  
>50,000 Hrs @ L70/B10

**DRIVER**

**Type:**  
Constant Current  
Non Dimmable  
**Feature:**  
Input over/under  
Voltage Cutoff  
440V Sustenance  
Thermal Foldback  
at max Tc  
**Surge Protection (L-N):**  
2KV / 4 KV

**Driver PF:**  
>0.95  
**Driver THD:**  
<10%  
**Ripple Current:**  
Less than 5  
**Optional:**  
Dali, Phase Cut  
1-10V Analogue  
RF-Dim, BLE,  
Casambi & Zig Bee

**GENERAL**

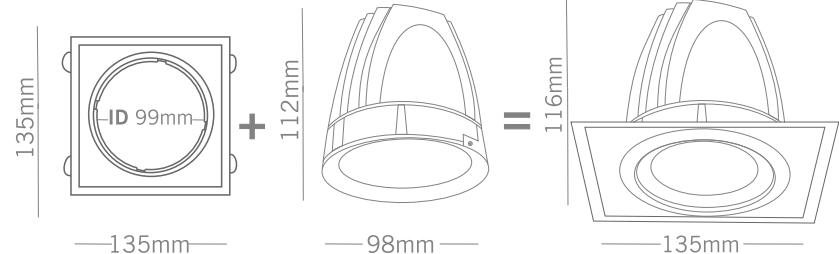
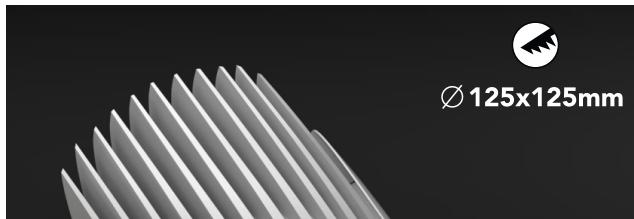
**Mounting:**  
Ceiling Recessed  
**Heatsink Cooling:**  
Passive  
**Environment:**  
Indoor  
**Ingress Rating:**  
IP20

**Operating Temp:**  
0 to 50° C  
**Appliance Class:**  
Class 2  
**Photobiological Safety:**  
RG 0 (No Risk)

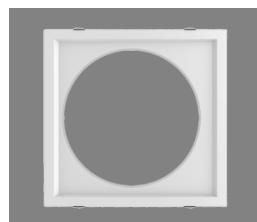
**Rio AG DL** = Rio-Outer Ring + Module AG along with Front Reflector  
needs to be ordered to complete an entire lighting unit

MODULE AG	System Wattage	Driving Current (mA) / Voltage	Net Lumen @90CRI			Net Lumen @80CRI		
			3000K	3500K	4000K	3000K	3500K	4000K
	<b>20W</b>	500 mA / 36V	1600	1640	1700	1880	1900	1940
	<b>25W</b>	600 mA / 36V	2000	2050	2125	2350	2375	2425
	<b>28W</b>	700 mA / 36V	2240	2296	2380	2632	2660	2716
	<b>32W</b>	800 mA / 36V	2560	2624	2750	3008	3040	3104

## BLAZE-S M - ADJ &amp; MULTI-SWIVEL SINGLE LED GIMBAL



**Cut-out size : 125mmx125mm**



Blaze-S-Outer Ring



Module M



Tilting Angle

Functionally designed high efficacy, bottom openable, Adjustable and Multi-swivel Single LED Gimbal luminaire

## MATERIALS

**Housing/Heatsink:**  
Aluminium Die Cast - ADC 12  
**Reflector:**  
PC - Vacuum metalized  
**Body Finish:**  
Powder Coated (Akzo Nobel)  
White & Black

## TECHNICAL

**Power (W):**  
20W/24W/28W/  
32W/35W  
**CCT (K):**  
3000/3500/4000/  
5000/5700K  
TW: 27000-6000K  
**CRI:**  
> 80 & >90

**Beam Angle (Deg):**  
15°/24°/36°/60°/Diffused  
**Distribution:**  
Symmetric  
**Input Voltage (V):**  
230-240V



**Tilting Angle**  
30° Tilttable &  
350° Multi-Swivel



**White/Black**  
Special RAL colours  
on request

## LED

**Lamp Source:**  
COB LED (LM80 Certified)  
**Binning:**  
One Bin  
**SDCM:**  
Macadam Step 2 & 3  
**LED Life Hours:**  
>50,000 Hrs @ L70/B10

## DRIVER

**Type:**  
Constant Current  
Non Dimmable  
**Feature:**  
Input over/under  
Voltage Cutoff  
440V Sustenance  
Thermal Foldback  
at max Tc  
**Surge Protection (L-N):**  
2KV / 4 KV

**Driver PF:**  
>0.95  
**Driver THD:**  
<10%  
**Ripple Current:**  
Less than 5  
**Optional:**  
Dali, Phase Cut  
1-10V Analogue  
RF-Dim, BLE,  
Casambi & Zig Bee

## GENERAL

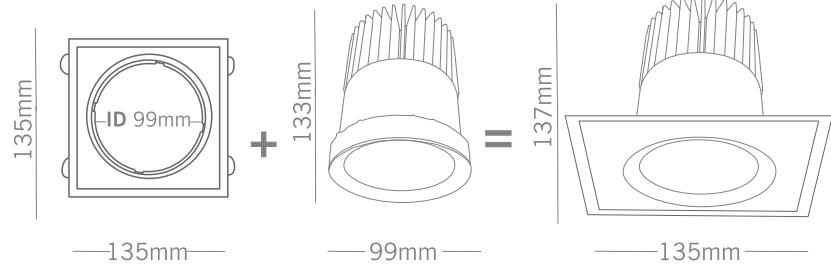
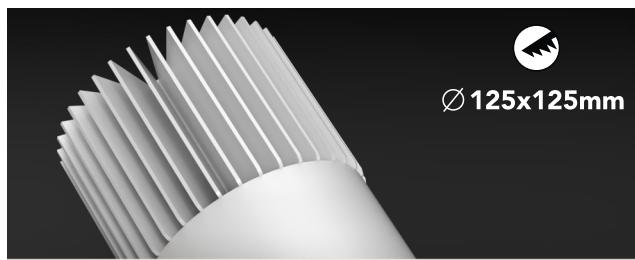
**Mounting:**  
Ceiling Recessed  
**Heatsink Cooling:**  
Passive  
**Environment:**  
Indoor  
**Ingress Rating:**  
IP20

**Operating Temp:**  
0 to 50° C  
**Appliance Class:**  
Class 2  
**Photobiological Safety:**  
RG 0 (No Risk)

**Blaze-S M DL** = Blaze-S-Outer Ring + Module M needs to be ordered to complete an entire lighting unit

MODULE M	System Wattage	Driving Current (mA) / Voltage	Net Lumen @90CRI			Net Lumen @80CRI		
			3000K	3500K	4000K	3000K	3500K	4000K
	<b>20W</b>	500mA / 36V	1880	1960	2040	2080	2140	2240
	<b>24W</b>	600mA / 36V	2256	2352	2448	2496	2568	2688
	<b>28W</b>	700mA / 36V	2538	2646	2754	2808	2889	3024
	<b>32W</b>	800mA / 36V	2914	3036	3162	3224	3317	3472
	<b>35W</b>	850mA / 36V	3140	3284	3428	3500	3644	3788

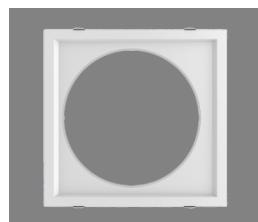
## BLAZE-S L - ADJ &amp; MULTI-SWIVEL SINGLE LED GIMBAL



Blaze-S-Outer Ring

Module L

Blaze-S L



Blaze-S-Outer Ring



Module L



Tilting Angle

Functionally designed high efficacy, bottom openable, Adjustable and Multi-swivel Single LED Gimbal luminaire

## MATERIALS

**Housing:** Aluminium Die Cast - ADC 12

**Heatsink:** Aluminium Extruded - AL 6063-T5

**Reflector:**

PC - Vacuum metalized

**Body Finish:**

Powder Coated (Akzo Nobel)  
White & Black

## TECHNICAL

**Power (W):**

36W/40W/42W/45W

**CCT (K):**

3000/3500/4000/  
5000/5700K

TW: 27000-6000K

**CRI:**

> 80 & > 90

**Beam Angle (Deg):**

15°/24°/36°/60°/Diffused

**Distribution:**

Symmetric

**Input Voltage (V):**

230-240V



**Tilting Angle**  
30° Tiltable &  
350° Multi-Swivel



**White/Black**  
Special RAL colours  
on request

## LED

**Lamp Source:**  
COB LED (LM80 Certified)

**Binning:**  
One Bin

**SDCM:**  
Macadam Step 2 & 3

**LED Life Hours:**  
>50,000 Hrs @ L70/B10

## DRIVER

**Type:**  
Constant Current  
Non Dimmable

**Feature:**  
Input over/under  
Voltage Cutoff  
440V Sustenance

Thermal Foldback  
at max Tc  
Surge Protection (L-N):  
2KV / 4 KV

**Driver PF:**

>0.95

**Driver THD:**

<10%

**Ripple Current:**

Less than 5

**Optional:**

Dali, Phase Cut  
1-10V Analogue  
RF-Dim, BLE,  
Casambi & Zig Bee

## GENERAL

**Mounting:**  
Ceiling Recessed

**Heatsink Cooling:**  
Passive

**Environment:**

Indoor

**Ingress Rating:**  
IP20

**Operating Temp:**

0 to 50° C

**Appliance Class:**  
Class 2

**Photobiological Safety:**  
RG 0 (No Risk)

**Blaze-S L DL** = Blaze-S-Outer Ring + Module L needs to be ordered to complete an entire lighting unit

MODULE L	System Wattage	Driving Current (mA) / Voltage	Net Lumen @90CRI			Net Lumen @80CRI		
			3000K	3500K	4000K	3000K	3500K	4000K
	<b>36W</b>	900mA / 36V	3240	3384	3528	3600	3744	3888
	<b>40W</b>	1000mA / 36V	3600	3760	3920	4000	4160	4320
	<b>42W</b>	1050mA / 36V	3780	3948	4116	4200	4368	4536
	<b>45W</b>	1100mA / 36V	3880	4048	4225	4400	4600	4887

## BLAZE-S AG - ADJ &amp; MULTI-SWIVEL SINGLE LED GIMBAL



**Functionally designed high efficacy, bottom openable, Adjustable and Multi-swivel Anti-glare Single LED Gimbal luminaire**



Titanium Black

Silver Chrome

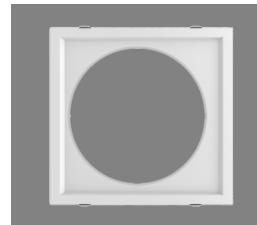
Pearl White

Blaze-S Outer Ring

Module AG

Blaze-S AG

**Cut-out size : 125mmx125mm**



Blaze-S Outer Ring



Module AG



Tilting Angle



**Tilting Angle**  
30° Tiltable &  
350° Multi-Swivel



**White/Black**  
Special RAL colours  
on request

**MATERIALS**

**Housing/Heatsink:**  
Aluminium Die Cast - ADC 12  
**Optics:**  
TIR Low UGR Lens - PMMA  
**Body Finish:**  
Powder Coated (Akzo Nobel)  
White & Black

**TECHNICAL**

**Power (W):**  
20W/25W/28W/  
32W  
**CCT (K):**  
3000/3500/4000/  
5000/5700K  
TW: 27000-6000K  
**CRI:**  
> 80 & >90

**Beam Angle (Deg):**  
15°/24°/36°/55°  
**Distribution:**  
Symmetric  
**Input Voltage (V):**  
230-240V

**LED**

**Lamp Source:**  
COB LED (LM80 Certified)  
**Binning:**  
One Bin  
**SDCM:**  
Macadam Step 2 & 3  
**LED Life Hours:**  
>50,000 Hrs @ L70/B10

**DRIVER**

**Type:**  
Constant Current  
Non Dimmable  
**Feature:**  
Input over/under  
Voltage Cutoff  
440V Sustenance  
Thermal Foldback  
at max Tc  
**Surge Protection (L-N):**  
2KV / 4 KV

**Driver PF:**  
>0.95  
**Driver THD:**  
<10%  
**Ripple Current:**  
Less than 5  
**Optional:**  
Dali, Phase Cut  
1-10V Analogue  
RF-Dim, BLE,  
Casambi & Zig Bee

**GENERAL**

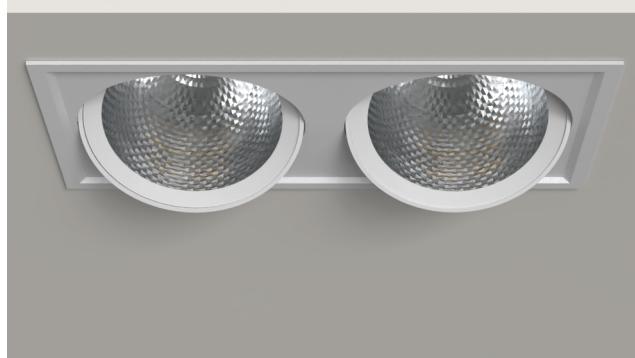
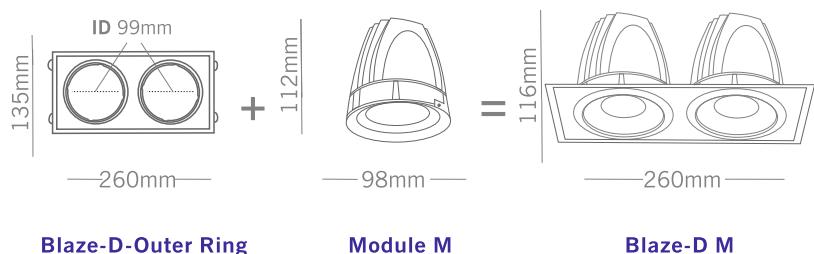
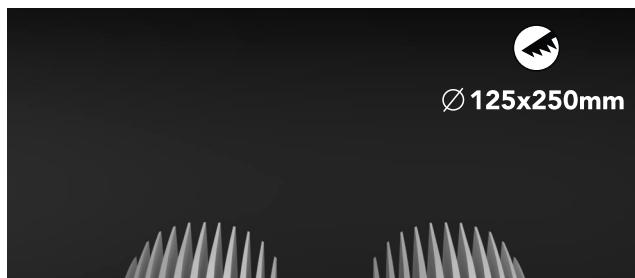
**Mounting:**  
Ceiling Recessed  
**Heatsink Cooling:**  
Passive  
**Environment:**  
Indoor  
**Ingress Rating:**  
IP20

**Operating Temp:**  
0 to 50° C  
**Appliance Class:**  
Class 2  
**Photobiological Safety:**  
RG 0 (No Risk)

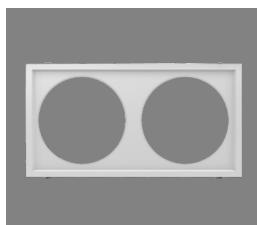
**Blaze-S AG DL** = Blaze-S-Outer Ring + Module AG along with Front Reflector  
needs to be ordered to complete an entire lighting unit

MODULE AG	System Wattage	Driving Current (mA) / Voltage	Net Lumen @90CRI			Net Lumen @80CRI		
			3000K	3500K	4000K	3000K	3500K	4000K
	<b>20W</b>	500 mA / 36V	1600	1640	1700	1880	1900	1940
	<b>25W</b>	600 mA / 36V	2000	2050	2125	2350	2375	2425
	<b>28W</b>	700 mA / 36V	2240	2296	2380	2632	2660	2716
	<b>32W</b>	800 mA / 36V	2560	2624	2750	3008	3040	3104

## Blaze-D M - ADJ &amp; MULTI-SWIVEL DOUBLE LED GIMBAL



Cut-out size : 125mmx250mm



Functionally designed high efficacy, bottom openable, Adjustable and Multi-swivel Double LED Gimbal luminaire

## MATERIALS

**Housing/Heatsink:**  
Aluminium Die Cast - ADC 12  
**Reflector:**  
PC - Vacuum metalized  
**Body Finish:**  
Powder Coated (Akzo Nobel)  
White & Black

## TECHNICAL

**Power (W):**  
20Wx2/24Wx2/28Wx2  
32Wx2/35Wx2  
**CCT (K):**  
3000/3500/4000/  
5000/5700K  
TW: 27000-6000K  
**CRI:**  
> 80 & >90

**Beam Angle (Deg):**  
15°/24°/36°/60°/Diffused  
**Distribution:**  
Symmetric  
**Input Voltage (V):**  
230-240V



**Tilting Angle**  
30° Tilttable &  
350° Multi-Swivel



**White/Black**  
Special RAL colours  
on request

## LED

**Lamp Source:**  
COB LED (LM80 Certified)  
**Binning:**  
One Bin  
**SDCM:**  
Macadam Step 2 & 3  
**LED Life Hours:**  
>50,000 Hrs @ L70/B10

## DRIVER

**Type:**  
Constant Current  
Non Dimmable  
**Feature:**  
Input over/under  
Voltage Cutoff  
440V Sustenance  
Thermal Foldback  
at max Tc  
**Surge Protection (L-N):**  
2KV / 4 KV

**Driver PF:**  
>0.95  
**Driver THD:**  
<10%  
**Ripple Current:**  
Less than 5  
**Optional:**  
Dali, Phase Cut  
1-10V Analogue  
RF-Dim, BLE,  
Casambi & Zig Bee

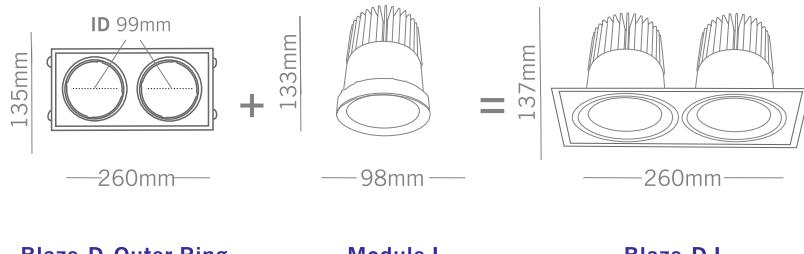
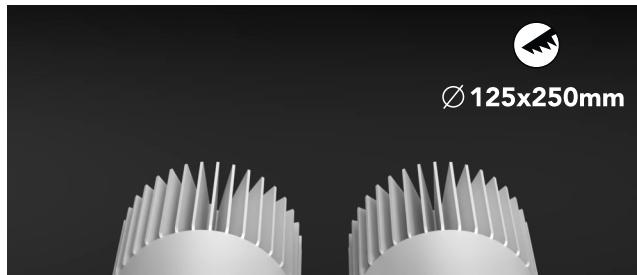
## GENERAL

**Mounting:**  
Ceiling Recessed  
**Heatsink Cooling:**  
Passive  
**Environment:**  
Indoor  
**Ingress Rating:**  
IP20

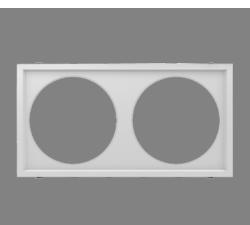
**Operating Temp:**  
0 to 50° C  
**Appliance Class:**  
Class 2  
**Photobiological Safety:**  
RG 0 (No Risk)

**Blaze-D M DL** = Blaze-D-Outer Ring + Module M needs to be ordered to complete an entire lighting unit

MODULE M	System Wattage	Driving Current (mA) / Voltage	Net Lumen @90CRI			Net Lumen @80CRI		
			3000K	3500K	4000K	3000K	3500K	4000K
	<b>20Wx2</b>	500mA / 36V	3760	3920	4080	4160	4280	4480
	<b>24Wx2</b>	600mA / 36V	4512	4702	4896	4992	5136	5376
	<b>28Wx2</b>	700mA / 36V	5076	5292	5508	5616	5778	6048
	<b>32Wx2</b>	800mA / 36V	5828	6072	6324	6448	6634	6944
	<b>35Wx2</b>	850mA / 36V	6280	6568	6856	7000	7288	7576

**Blaze-D L - ADJ & MULTI-SWIVEL DOUBLE LED GIMBAL**

Cut-out size : 125mmx250mm



Functionally designed high efficacy, bottom openable, Adjustable and Multi-swivel Double LED Gimbal luminaire

**MATERIALS**

**Housing:** Aluminium Die Cast - ADC 12  
**Heatsink:** Aluminium Extruded - AL 6063-T5

**Reflector:**  
PC - Vacuum metalized

**Body Finish:**  
Powder Coated (Akzo Nobel)  
White & Black

**TECHNICAL****Power (W):**

36Wx2/40Wx2  
42Wx2/45Wx2

**CCT (K):**

3000/3500/4000/  
5000/5700K  
TW: 27000-6000K

**CRI:**

> 80 & > 90

**Beam Angle (Deg):**

15°/24°/36°/60°/Diffused

**Distribution:**

Symmetric

**Input Voltage (V):**

230-240V



**Tilting Angle**  
30° Tilttable &  
350° Multi-Swivel



**White/Black**  
Special RAL colours  
on request

**LED**

**Lamp Source:**  
COB LED (LM80 Certified)

**Binning:**  
One Bin

**SDCM:**  
Macadam Step 2 & 3

**LED Life Hours:**  
>50,000 Hrs @ L70/B10

**DRIVER**

**Type:**  
Constant Current  
Non Dimmable

**Feature:**  
Input over/under  
Voltage Cutoff  
440V Sustenance  
Thermal Foldback  
at max Tc

**Surge Protection (L-N):**  
2KV / 4 KV

**Driver PF:**

>0.95

**Driver THD:**

<10%

**Ripple Current:**

Less than 5

**Optional:**

Dali, Phase Cut  
1-10V Analogue  
RF-Dim, BLE,  
Casambi & Zig Bee

**GENERAL**

**Mounting:**  
Ceiling Recessed

**Heatsink Cooling:**  
Passive

**Environment:**  
Indoor

**Ingress Rating:**  
IP20

**Operating Temp:**  
0 to 50° C

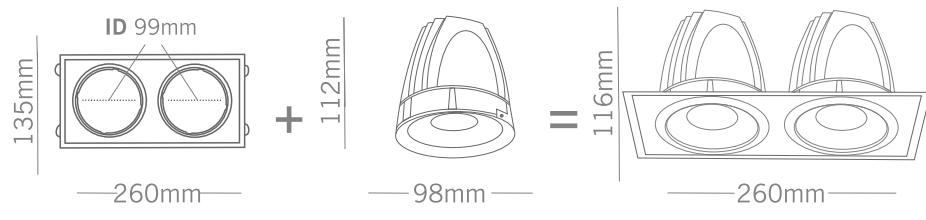
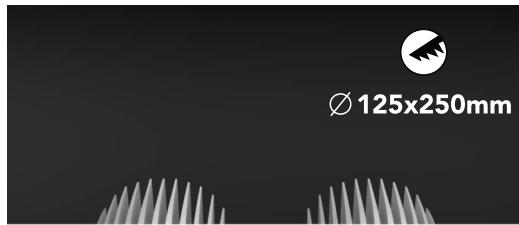
**Appliance Class:**  
Class 2

**Photobiological Safety:**  
RG 0 (No Risk)

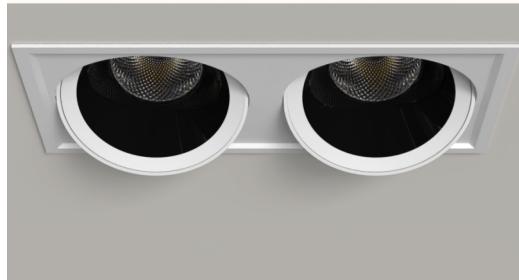
**Blaze-D L Down Light** = Blaze-D-Outer Ring + Module L needs to be ordered to complete an entire lighting unit

MODULE L	System Wattage	Driving Current (mA) / Voltage	Net Lumen @90CRI			Net Lumen @80CRI		
			3000K	3500K	4000K	3000K	3500K	4000K
	<b>36Wx2</b>	900mA / 36V	6480	6768	7056	7200	7488	7776
	<b>40Wx2</b>	1000mA / 36V	7200	7520	7840	8000	8320	8640
	<b>42Wx2</b>	1050mA / 36V	7560	7896	8232	8400	8736	9072
	<b>45Wx2</b>	1100mA / 36V	7760	8096	8450	8800	9200	9774

## BLAZE-D AG - ADJ &amp; MULTI-SWIVEL DOUBLE LED GIMBAL



Cut-out size : 125mmx250mm



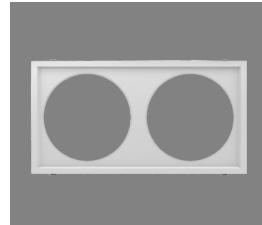
Functionally designed high efficacy, bottom openable, Adjustable and Multi-swivel Anti-glare Double LED Gimbal luminaire



Titanium Black

Silver Chrome

Pearl White



Blaze-D-Outer Ring



Module AG



Tilting Angle

## MATERIALS

Housing/Heatsink:  
Aluminium Die Cast - ADC 12

Optics:  
TIR Low UGR Lens - PMMA

Body Finish:  
Powder Coated (Akzo Nobel)  
White & Black

## TECHNICAL

Power (W):  
20Wx2/25Wx2  
28Wx2/32Wx2

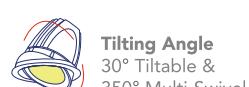
CCT (K):  
3000/3500/4000/  
5000/5700K  
TW: 27000-6000K

CRI:  
> 80 & >90

Beam Angle (Deg):  
15°/24°/36°/55°

Distribution:  
Symmetric

Input Voltage (V):  
230-240V



Tilting Angle  
30° Tiltable &  
350° Multi-Swivel



White/Black  
Special RAL colours  
on request

## LED

Lamp Source:  
COB LED (LM80 Certified)

Binning:  
One Bin

SDCM:  
Macadam Step 2 & 3

LED Life Hours:  
>50,000 Hrs @ L70/B10

## DRIVER

Type:  
Constant Current  
Non Dimmable

Feature:  
Input over/under  
Voltage Cutoff  
440V Sustenance  
Thermal Foldback  
at max Tc

Surge Protection (L-N):  
2KV / 4 KV

Driver PF:  
>0.95

Driver THD:  
<10%

Ripple Current:  
Less than 5

Optional:  
Dali, Phase Cut  
1-10V Analogue  
RF-Dim, BLE,  
Casambi & Zig Bee

## GENERAL

Mounting:  
Ceiling Recessed

Heatsink Cooling:  
Passive

Environment:  
Indoor

Ingress Rating:  
IP20

Operating Temp:  
0 to 50° C

Appliance Class:  
Class 2

Photobiological Safety:  
RG 0 (No Risk)

**Blaze-D AG DL** = Blaze-D-Outer Ring + Module AG along with Front Reflector  
needs to be ordered to complete an entire lighting unit

MODULE AG	System Wattage	Driving Current (mA) / Voltage	Net Lumen @90CRI			Net Lumen @80CRI		
			3000K	3500K	4000K	3000K	3500K	4000K
	<b>20Wx2</b>	500mA / 36V	3200	3280	1700	3760	3800	3880
	<b>25Wx2</b>	600mA / 36V	4000	4100	4250	4700	4750	4850
	<b>28Wx2</b>	700mA / 36V	4480	4592	4760	5264	5320	5432
	<b>32Wx2</b>	800mA / 36V	5120	5248	5500	6016	6080	6208

# ABNER®



Product data subject to change due to improvement in design, materials and processes.

**Catalogue Version**

V.1.00

**Publication Date**

01-01-2025

# ABNER®

Mumbai 400015. Maharashtra – India.

[www.abner.co.in](http://www.abner.co.in)

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