

## Dyad Track

### TRACKS AND ACCESSORIES | ECO SERIES

Dyad Track provides an ultra-wide light distribution which makes it highly suitable for meeting rooms, individual offices and open spaces.

Providing light on its superior side, Dyad Track creates a mellow ambient in the working space by projecting the light beam towards the ceiling.

On the lower side of the track a wide range of spotlights and linear luminaires can be mounted.

Dyad Track is highly suitable for spaces with large horizontal, reflective surfaces. Any other type of luminaire would only reflect on the working plan. By emitting light upward, toward the ceiling, Dyad Track

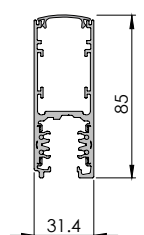
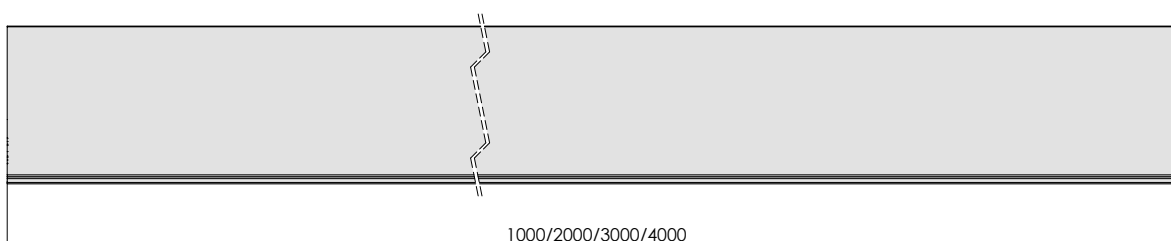
- Dyad Track is available in the ECO series – with DALI controls for dimming.

### FEATURES & BENEFITS

- CRI 80 as standard
- 4 color temperatures: 3000K, 4000K, 5000K and 6500K
- Long rated life – L90/B10 at 50,000h
- Extra wide beam: 130°

### APPLICATION

Office | Receptions & Entrances | Open Spaces | Meeting Rooms



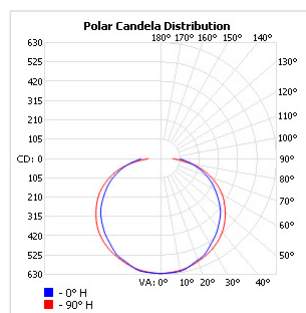
## SPECIFICATIONS

Power consumption	36W	72W	108W	144W
Dimensions	1000 x 85 x 31.4 ± 1mm	2000 x 85 x 31.4 ± 1mm	3000 x 85 x 31.4 ± 1mm	4000 x 85 x 31.4 ± 1mm
Weight	2.1Kg	4.2Kg	6.33Kg	8.44Kg
Housing materials	Aluminum & Polycarbonate			
IK code	IK04			
THD (at 230V, 50Hz, Full load)	<8%			
Protection class	Safety class 1			
Operating temperature [°C]	-20 ... +45 °C / -4F ... +113F			
Operating humidity [%]	10 ÷ 85			
Power factor	≥0.95			
AC Input [Vac]	220 - 240 VAC			
Lens angle [°]	130°			
Lifespan [h]	50,000			
Housing color	○RAL 9010-Pure white ● RAL 9005-Jet black			
Lumen maintenance	L90/B10@50.000h at 25°C			
IP factor	IP20			
Control optional	ECO-DALI			
Warranty [years]	5			
Storage temperature range [°C]	-20...+55°C / -4F ... +131F			
Emergency option	-			

Light application	Standard
CRI	CRI 80
CCT [K]	3000K/4000K/5000K/6500K
MacAdam	4

CRI - Color rendering, CCT - Color temperature, MacAdam - Color consistency

## LIGHT DISTRIBUTION



A130

**TOLERANCES****Luminous flux tolerances:** -/+ 5%**Consumption tolerance:** -/+ 5% for TEC | -/+ 10% for TEC & KIT EM | -/+ 10% for ECO-DALI | -/+ 15% for ECO-DALI & KIT EM**BATTERY WARRANTY****TEC EM & ECO EM:** 12 months warranty**TEC & ECO:** -**MAXIMUM NO. OF LUMINAIRES ON A CIRCUIT**

Power	Control type	Amperage	Circuit Breaker Type					
			B			C		
			20	16	10	20	16	10
12-21W	TEC		62	50	31	104	85	52
23-35W	TEC		30	24	14	51	40	24
42W	TEC		20	16	8	38	32	16
50W	TEC		18	15	7	35	29	15
12-14W	ECO		44	35	21	73	58	35
16-21W	ECO		40	32	18	66	53	30
23-42W	ECO		28	22	13	46	36	21
50W	ECO		21	16	10	35	26	16

**RISK GROUP****Standard (CRI80)** RG1**FOOD (BVF, FBS, FSM)** RG1**FOOD <20W (FZM, FSH)** RG2 (dthr=1.8m)**FOOD >20W (FZM, FSH)** RG2 (dthr=2.2m)**FAS** RG1**AMB2200** RG1**ART** RG1**AGI** RG1**CRI90** RG1**CRI95** RG1**SUNSET** RG1**ENT** RG1**RG1**

The evaluation of photobiological safety is carried out according to the standard IEC 62471:2008 ("Photobiological safety of lamps and lamp systems"). Following the definition of the risk grouping system of the mentioned IEC standard, the LEDs mounted on this family fall into the class "Low Risk (RG1 – No photobiological hazard under normal behavioral limitations)". Under real circumstances (regarding exposure time, pupils, observation distance), it is assumed that there is no endangerment to the eye from these devices. As a matter of principle, however, it should be mentioned that intense light sources have a high secondary exposure potential due to their blinding effect.

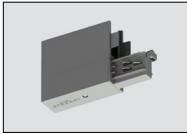
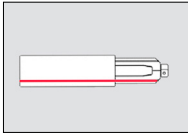
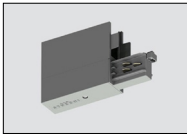
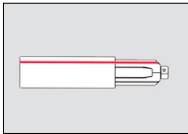
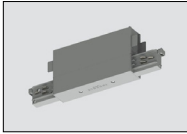
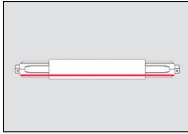
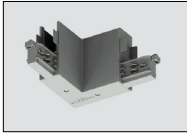
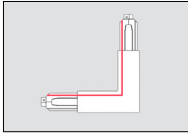
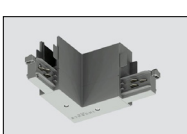
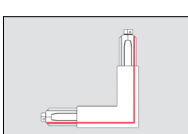
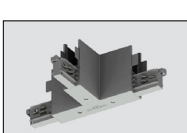
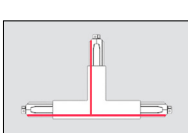
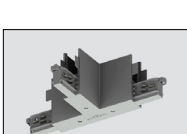
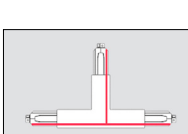
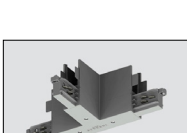
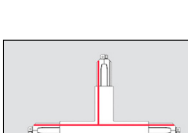
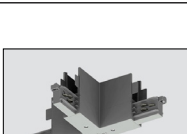
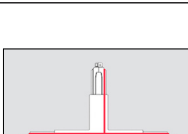


**RG2**

The evaluation of photobiological safety is carried out according to the standard IEC 62471:2008 ("Photobiological safety of lamps and lamp systems"). Following the definition of the risk grouping system of the mentioned IEC standard, the LEDs mounted on this family fall into the class "Moderate Risk (RG2)". Under real circumstances (regarding exposure time, pupils, observation distance), it is assumed that there is no endangerment to the eye from these devices. As a matter of principle, however, it should be mentioned that intense light sources have a high secondary exposure potential due to their blinding effect.

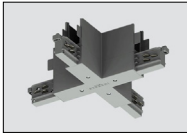
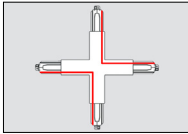
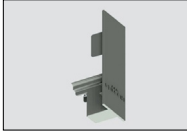
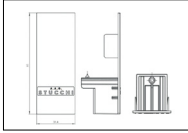
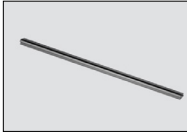
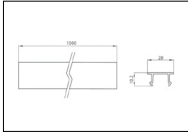

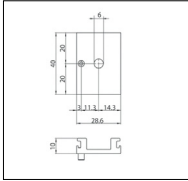
## SKU SPECIFICATIONS

Product Code	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Eff. (lm/watt)	Lens Angle (°)
<b>CRI 80</b>						
260600 Dyad Track 9000-1/W-H/1000mm/3000/36W/80/White	1000 x 85 x 31.4 ± 1mm	3000	2245	36W	65	130°
260601 Dyad Track 9000-1/B-H/1000mm/3000/36W/80/Black	1000 x 85 x 31.4 ± 1mm	3000	2245	36W	65	130°
260606 Dyad Track 9000-1/W-H/1000mm/6500/36W/80/White	1000 x 85 x 31.4 ± 1mm	6500	2280	36W	66	130°
260607 Dyad Track 9000-1/B-H/1000mm/6500/36W/80/Black	1000 x 85 x 31.4 ± 1mm	6500	2280	36W	66	130°
260602 Dyad Track 9000-1/W-H/1000mm/4000/36W/80/White	1000 x 85 x 31.4 ± 1mm	4000	2315	36W	67	130°
260603 Dyad Track 9000-1/B-H/1000mm/4000/36W/80/Black	1000 x 85 x 31.4 ± 1mm	4000	2315	36W	67	130°
260604 Dyad Track 9000-1/W-H/1000mm/5000/36W/80/White	1000 x 85 x 31.4 ± 1mm	5000	2420	36W	70	130°
260605 Dyad Track 9000-1/B-H/1000mm/5000/36W/80/Black	1000 x 85 x 31.4 ± 1mm	5000	2420	36W	70	130°
260608 Dyad Track 9000-2/W-H/2000mm/3000/72W/80/White	2000 x 85 x 31.4 ± 1mm	3000	4490	72W	63	130°
260609 Dyad Track 9000-2/B-H/2000mm/3000/72W/80/Black	2000 x 85 x 31.4 ± 1mm	3000	4490	72W	63	130°
260614 Dyad Track 9000-2/W-H/2000mm/6500/72W/80/White	2000 x 85 x 31.4 ± 1mm	6500	4560	72W	64	130°
260615 Dyad Track 9000-2/B-H/2000mm/6500/72W/80/Black	2000 x 85 x 31.4 ± 1mm	6500	4560	72W	64	130°
260610 Dyad Track 9000-2/W-H/2000mm/4000/72W/80/White	2000 x 85 x 31.4 ± 1mm	4000	4630	72W	65	130°
260611 Dyad Track 9000-2/B-H/2000mm/4000/72W/80/Black	2000 x 85 x 31.4 ± 1mm	4000	4630	72W	65	130°
260612 Dyad Track 9000-2/W-H/2000mm/5000/72W/80/White	2000 x 85 x 31.4 ± 1mm	5000	4840	72W	68	130°
260613 Dyad Track 9000-2/B-H/2000mm/5000/72W/80/Black	2000 x 85 x 31.4 ± 1mm	5000	4840	72W	68	130°
260616 Dyad Track 9000-3/W-H/3000mm/3000/108W/80/White	3000 x 85 x 31.4 ± 1mm	3000	6730	108W	63	130°
260617 Dyad Track 9000-3/B-H/3000mm/3000/108W/80/Black	3000 x 85 x 31.4 ± 1mm	3000	6730	108W	63	130°
260622 Dyad Track 9000-3/W-H/3000mm/6500/108W/80/White	3000 x 85 x 31.4 ± 1mm	6500	6835	108W	64	130°
260623 Dyad Track 9000-3/B-H/3000mm/6500/108W/80/Black	3000 x 85 x 31.4 ± 1mm	6500	6835	108W	64	130°
260618 Dyad Track 9000-3/W-H/3000mm/4000/108W/80/White	3000 x 85 x 31.4 ± 1mm	4000	6940	108W	65	130°
260619 Dyad Track 9000-3/B-H/3000mm/4000/108W/80/Black	3000 x 85 x 31.4 ± 1mm	4000	6940	108W	65	130°
260620 Dyad Track 9000-3/W-H/3000mm/5000/108W/80/White	3000 x 85 x 31.4 ± 1mm	5000	7255	108W	68	130°
260621 Dyad Track 9000-3/B-H/3000mm/5000/108W/80/Black	3000 x 85 x 31.4 ± 1mm	5000	7255	108W	68	130°
260624 Dyad Track 9000-4/W-H/4000mm/3000/144W/80/White	4000 x 85 x 31.4 ± 1mm	3000	8975	144W	63	130°
260625 Dyad Track 9000-4/B-H/4000mm/3000/144W/80/Black	4000 x 85 x 31.4 ± 1mm	3000	8975	144W	63	130°
260630 Dyad Track 9000-4/W-H/4000mm/6500/144W/80/White	4000 x 85 x 31.4 ± 1mm	6500	9115	144W	64	130°
260631 Dyad Track 9000-4/B-H/4000mm/6500/144W/80/Black	4000 x 85 x 31.4 ± 1mm	6500	9115	144W	64	130°
260626 Dyad Track 9000-4/W-H/4000mm/4000/144W/80/White	4000 x 85 x 31.4 ± 1mm	4000	9255	144W	65	130°
260627 Dyad Track 9000-4/B-H/4000mm/4000/144W/80/Black	4000 x 85 x 31.4 ± 1mm	4000	9255	144W	65	130°
260628 Dyad Track 9000-4/W-H/4000mm/5000/144W/80/White	4000 x 85 x 31.4 ± 1mm	5000	9675	144W	68	130°
260629 Dyad Track 9000-4/B-H/4000mm/5000/144W/80/Black	4000 x 85 x 31.4 ± 1mm	5000	9675	144W	68	130°

ACCESSORIES

Product Code	Colour	Picture	Sketching
<b>End Feed</b>			
160515 9001/W-H/EndFeed/Left/White	White		
160516 9001/B-H/EndFeed/Left/Black	Black		
<b>End Feed</b>			
160518 9002/W-H/EndFeed/Right/White	White		
160519 9002/B-H/EndFeed/Right/Black	Black		
<b>Middle Feed</b>			
160521 9010/W-H/Middle Feed/White	White		
160522 9010/B-H/Middle Feed/Black	Black		
<b>Internal L-Feed</b>			
160524 9011/W-H/Internal L-feed/White	White		
160525 9011/B-H/Internal L-feed/Black	Black		
<b>External L-Feed</b>			
160527 9012/W-H/External L-feed/White	White		
160528 9012/B-H/External L-feed/Black	Black		
<b>External T-Feed</b>			
160530 9013/W-H/External T-feed left/White	White		
160531 9013/B-H/External T-feed left/Black	Black		
<b>External T-Feed</b>			
160533 9014/W-H/External T-feed right/White	White		
160534 9014/B-H/External T-feed right/Black	Black		
<b>Internal T-Feed</b>			
160536 9015/W-H/Internal T-feed left/White	White		
160537 9015/B-H/Internal T-feed left/Black	Black		
<b>Internal T-Feed</b>			
160539 9016/W-H/Internal T-feed right/White	White		
160540 9016/B-H/Internal T-feed right/Black	Black		

## ACCESSORIES

Product Code	Colour	Picture	Sketching
<b>X Feed</b>			
160542 9017/W-H/X-feed/White	White		
160543 9017/B-H/X-feed/Black	Black		
<b>End Cap</b>			
160545 9004/W-H/End Cap for Track/White	White		
160546 9004/B-H/End Cap for Track/Black	Black		
<b>Additional Cover Strip</b>			
160075 S-9000/GP-W/Additional Cover Strip for Track/White	White		
160076 S-9000/GP-B/Additional Cover Strip for Track/Black	Black		
160077 S-9000/GP-G/Additional Cover Strip for Track/Grey	Grey		
<b>Wire Suspension kit</b>			
160548 S-9000/112-LA-H/Wire Suspension Kit 3m/Aluminium			
160549 S-9000/112-LA-H/Wire Suspension Kit 5m/Aluminium			
160550 S-9000/112-LA-H/Wire Suspension Kit 7m/Aluminium			
160551 S-9000/112-LA-H/Wire Suspension Kit 10m/Aluminium			